

BIBLIOGRAPHY

Richard de Grijs

(20 May 2024)

1. Refereed Articles (in reverse chronological order)

(†: Papers written by my students/postdocs in which I had a major hand and whom I supervised directly.)

- (268) D’Orazi V., Storm N., Casey A.R., Braga V.F., Zocchi A., Bono G., Fabrizio M., Sneden C., Massari D., Giribaldi R.E., Bergemann M., Campbell S.W., Casagrande L., **de Grijs R.**, De Silva G., Lugaro M., Zucker D.B., Bragaglia A., Feuillet D., Fiorentino G., Chaboyer B., Dall’Ora M., Marengo M., Martínez-Vázquez C.E., Matsunaga N., Monelli M., Mullen J.P., Nataf D., Tantaló M., Thevenin F., Vitello F.R., Kudritzki R.-P., Bland-Hawthorn J., Buder S., Freeman K., Kos J., Lewis G.F., Lind K., Martell S., Sharma S., Stello D., Zwitter T., 2024, *The GALAH survey: Tracing the Milky Way’s formation and evolution through RR Lyrae stars*, MNRAS, 531, 137 (arXiv:2405.04580)
- (267) **de Grijs R.**, 2024, *All roads lead to (New) Rome*, in: Costache D. (ed.), *Scientific Interests and Technological Innovation in Byzantium: Interdisciplinary Perspectives*, De Medio Aevo, issue 2024-2, submitted
- (266) Beeson K.L., Kos J., **de Grijs R.**, Traven G., Bland-Hawthorn J., Zafar T., Zwitter T., De Silva G.M., 2024, *The GALAH survey: Elemental abundances in open clusters using joint effective temperature and surface gravity photometric priors*, MNRAS, 529, 2483 (arXiv:2402.07748)
- (265) Wang L., Deng L., Pang X., Wang L., **de Grijs R.**, Milone A.P., Li C., 2024, *The origin of young stellar populations in NGC 1783: Accretion of external stars*, ApJ, in press (arXiv:2404.08047)
- (264) Sicignano T., Ripepi V., Marconi M., Molinaro R., Bhardwaj A., Cioni M.-R.L., **de Grijs R.**, Storm J., Groenewegen M.A.T., Ivanov V.D., De Somma G., 2024, *The VMC Survey. L. Type II Cepheids in the Magellanic Clouds: Period–Luminosity relations in the near-infrared bands*, A&A, 685, A41 (arXiv:2401.12770)
- (263) Li C., Milone A.P., Sun W., **de Grijs R.**, 2024, *Extended Main Sequences in Star Clusters (review)*, Fundamental Research, in press (arXiv:2401.08062)
- (262) Ivanov V.D., Cioni M.-R.L., Dennefeld M., **de Grijs R.**, Craig J.E.M., van Loon J.T., Pennock C., Maitra C., Haberl F., 2024, *New quasars behind the Magellanic Clouds. II. Spectroscopic confirmation of 136 near-infrared-selected candidates*, A&A, in press (arXiv:2404.18175)
- (261) † Chahal D., Kamath D., **de Grijs R.**, Ventura P., Chen X., 2023, *Unravelling the Period Gap using LAMOST Chromospheric Activity Indices*, MNRAS, 525, 4026 (arXiv:2308.10539)
- (260) He C., Li C., Sun W., **de Grijs R.**, Li L., Zhong J., Chen L., Qin S., Wang L., Tang B., Xu C., Shao Z.-Y., 2023, *The insignificant role of tidal locking in the formation of slowly rotating early-type stars in young star clusters*, MNRAS, 525, 5880 (arXiv:2309.01975)
- (259) Bhardwaj, A., Marconi, M., Rejkuba, M., **de Grijs, R.**, Singh, H.P., Braga, V.P., Kanbur, S., Ngeow, C.-C., Ripepi, V., Bono, G., De Somma, G., Dall’Ora, M., 2023, *Precise Empirical Determination of Metallicity Dependence of Near-infrared Period–Luminosity Relations for RR Lyrae Variables*, ApJL, 944, L51 (arXiv:2302.05455)
- (258) **de Grijs R.**, 2023, *Astronomical Tent Observatories, Relics of a Bygone Era*, J. Astron. Hist. Heritage, 26, 159 (arXiv:2302.02198)
- (257) El Youssoufi D., Cioni M.-R.L., Kacharov N., Bell C.P.M., Matijević G., Bekki K., **de Grijs R.**, Ivanov V.D., van Loon J.T., 2023, *Kinematics of stellar substructures in the Small Magellanic Cloud*, MNRAS, 523, 347 (arXiv:2304.14368)
- (256) **de Grijs R.**, 2022, *Gravitational conundrum: Confusing clock-rate measurements on the ‘First Fleet’ from England to Australia*, J. Astron. Hist. Heritage, 25, 737 (arXiv:2211.11441)
- (255) Milone A. P., Cordoni G., Marino A. F., D’Antona F., Bellini A., Di Criscienzo M., Dondoglio E., Lagioia E. P., Langer N. Legnardi M. V., Libralato M., Baumgardt H., Bettinelli M., Cavecchi Y., **de Grijs R.**, Deng L., Hastings B., Li C., Mohandas A., Vesperini E., Wang C., Ziliotto T., Carlos M., Costa G., Dall’Agli F., Jang S., Martorano M., Renzini A., Simioni M., Tailo M., Ventura P., 2023, *Hubble Space Telescope survey of Magellanic Cloud star clusters. Photometry and astrometry of 113 clusters and early results*, A&A, 672, A161 (arXiv:2212.07978)
- (254) **de Grijs R.**, 2023, *Roger of Hereford: the twelfth-century astronomer who put Hereford on the map, literally*, The Local Historian, 53, 98–111 (arXiv:2301.06610)
- (253) **de Grijs R.**, Costache D., 2024, *The Cosmology of David Bohm: Scientific and Theological Significance*, Theology and Science, 22, 204 (arXiv:2303.04303; doi: 10.1080/14746700.2023.2294529)
- (252) † Shah V., Chen X., **de Grijs R.**, 2022, *New Double Mode Cepheids from the Zwicky Transient Facility Survey*, AJ, 164, 162 (arXiv:2208.03080)
- (251) He C., Sun W., Li C., Li L., Shao Z., Zhong J., Chen L., **de Grijs R.**, Tang B., Qin S., Randriamanakoto Z., 2022, *The role of binarity and stellar rotation in the split main sequences of NGC 2422*, ApJ, 938, 42 (arXiv:2208.10843); Erratum: ApJ, 952, 172 (2023)

- (250) † Chahal D., **de Grijs R.**, Kamath D., Chen X., 2022, *Statistics of BY Draconis Chromospheric Variable Stars*, MNRAS, 514, 4932 (arXiv:2206.05505)
- (249) **de Grijs R.**, 2022, *The unexpected appearance of Dawes' Observatory on the '1808 Sydney Cove Map'*, J. Astron. Hist. Heritage, 25, 97
- (248) Bell C.P.M., Cioni M.-R.L., Wright A.H., Nidever D.L., Chiang I.-D., Choudhury S., Groenewegen M.A.T., Pennock C.M., Choi Y., **de Grijs R.**, Ivanov V.D., Massana P., Nanni A., Noël N.E.D., Olsen K., van Loon J.T., Vivas A.K., Zaritsky D., 2022, *The intrinsic reddening of the Magellanic Clouds as traced by background galaxies. III. The Large Magellanic Cloud*, MNRAS, 516, 824 (arXiv:2205.04406)
- (247) Ripepi R., Chemin L., Molinaro R., Cioni M.-R.L., Bekki K., Clementini G., **de Grijs R.**, De Somma G., El Youssoufi D., Girardi L., Groenewegen M.A.T., Ivanov V.D., Marconi M., McMillan P.J., van Loon J.T., 2022, *The VMC Survey. XLVIII. Classical Cepheids unveil the 3D geometry of the LMC*, MNRAS, 512, 563 (arXiv:2203.01780)
- (246) † Chemel A.A., **de Grijs R.**, Glushkova E.V., Dambis A.K., 2022, *Search for OB associations in Gaia early Data Release 3*, MNRAS, 515, 4359 (arXiv:2206.12935)
- (245) † Kapse S., **de Grijs R.**, Kamath D., Zucker D.B., 2022, *Decoding the bifurcated red-giant branch as a tracer of multiple stellar populations in the young Large Magellanic Cloud cluster NGC 2173*, ApJL, 927, L10 (arXiv:2202.08022)
- (244) † Miller A.E., Cioni M.-R.L., **de Grijs R.**, Sun N.-C., Bell C.P.M., Choudhury S., Ivanov V.D., Marconi M., Oliveira J., Petr-Gotzens M., Ripepi V., van Loon J.T., 2022, *The VMC survey. XLVII. Turbulence-controlled hierarchical star formation in the Large Magellanic Cloud*, MNRAS, 512, 1996 (arXiv:2202.09267)
- (243) **de Grijs R.**, Kamath D., 2021, *Stellar chromospheric variability* (invited review), Universe (special issue on Stellar Astrophysics), 7, 440
– **de Grijs R.**, Kamath D., 2022, *Stellar chromospheric variability*, Scholarly Community Encyclopedia: <https://encyclopedia.pub/19250>
- (242) Niederhofer F., Cioni M.-R.L., Schmidt T., Bekki K., **de Grijs R.**, Ivanov V.D., Oliveira J.M., Ripepi V., Subramanian S., van Loon J.T., 2022, *The VMC survey. XLVI. Stellar proper motions within the centre of the Large Magellanic Cloud*, MNRAS, 512, 5423 (arXiv:2203.14639)
- (241) Schmidt T., Cioni M.-R.L., Niederhofer F., Bekki K., Bell C.P.M., **de Grijs R.**, El Youssoufi D., Ivanov V.D., Oliveira J.M., Ripepi V., van Loon J.T., 2022, *The VMC survey. XLV. Proper motion of the outer LMC and the impact of the SMC*, A&A, 663, A107 (arXiv:2201.10018)
- (240) James D., Subramanian S., Omkumar A.O., Mary A., Bekki K., Cioni M.-R.L., **de Grijs R.**, El Youssoufi D., Kartha S.S., Niederhofer F., van Loon J.T., 2021, *Presence of red giant population in the foreground stellar sub-structure of the Small Magellanic Cloud*, MNRAS, 508, 5854 (arXiv:2110.02039)
- (239) † Choudhury S., **de Grijs R.**, Bekki K., Cioni M.-R.L., Ivanov V.D., van Loon J.T., Miller A.E., Niederhofer F., Oliveira J.M., Ripepi V., Sun N.-C., Subramanian S., 2021, *The VMC survey. XLIV. Mapping metallicity trends in the Large Magellanic Cloud using near-infrared passbands*, MNRAS, 507, 4752 (arXiv:2108.10529)
- (238) **de Grijs R.**, 2022, *Historical Chinese efforts to determine longitude at sea*, JAHH, 25, 54 (arXiv:2201.08467)
- (237) Smith M.W.L., Eales S.A., Williams T.G., Lee B., Li Z.-N., Barmby P., Bureau M., Chapman S., Cho B.S., Chung A., Chung E.J., Chung H.-H., Clark C.J.R., Clements D.L., Davis T.A., de Looze I., Eden D.J., Athikkat-Eknath G., Ford G.P., Gao Y., Gear W., Gomez H.L., **de Grijs R.**, He J., Ho L.C., Hughes T.M., Jiao S., Li Z.-Y., Kemper F., Kirchschrager F., Koch E.W., Kong A.K.H., Lee C.-H., Lin E.-T., Mairs S., Michałowski M.J., Pattle K., Peng Y.-J., Ragan S.E., Rawlings M.G., Rigopoulou D., Saintonge A., Schrubba A., Tang X., Wang J.-F., Whitworth A.P., Wilson C.D., Yim K., Zhu M., 2021, *The HASHTAG project: The First Submillimeter Images of the Andromeda Galaxy from the Ground*, ApJS, 257, 52 (arXiv:2110.00011)
- (236) † Sun W., Duan X.-W., Deng L., **de Grijs R.**, 2021, *Exploring the stellar rotation of early-type stars in the LAMOST Medium-Resolution Survey. II. Statistics*, ApJ, 921, 145 (arXiv:2108.01213)
- (235) † Sun W., Duan X.-W., Deng L., **de Grijs R.**, Zhang B., Liu C., 2021, *Exploring the stellar rotation of early-type stars in the LAMOST Medium-Resolution Survey. I. Catalog*, ApJS, 257, 22 (arXiv:2108.01212)
- (234) **de Grijs R.**, 2021, *European Longitude Prizes. IV. Thomas Axe's Impossible Terms*, JAHH, 24, 739 (arXiv:2107.03614)
- (233) **de Grijs R.**, 2021, *European Longitude Prizes. III. The Unsolved Mystery of an Alleged Venetian Longitude Prize*, JAHH, 24, 728 (arXiv:2107.03613)
- (232) Mazzi A., Girardi L., Saggia S., Gastorelli G., Rubele S., Bressan A., Cioni M.-R.L., Clementini G., Cusano F., Rocha J.P., Gullieuszik M., Kerber L., Marigo P., Ripepi V., Bekki K., **de Grijs R.**, Groenewegen M.A.T., Ivanov V.D., Oliveira J.M., Sun N.-C., van Loon J.T., 2021, *The VMC survey. XLIII. The spatially resolved star formation history across the Large Magellanic Cloud*, MNRAS, 508, 245 (arXiv:2108.07225)
- (231) † Ren F.-Z., Chen X., Zhang H.-W., **de Grijs R.**, Deng L., Huang Y., 2021, *Gaia EDR3 Parallax Zero-point Offset based on W Ursae Majoris-type Eclipsing Binaries*, ApJL, 911, L20 (arXiv:2103.16096)
- (230) † Yang Y., Li C., **de Grijs R.**, Deng L., 2021, *The spatial distributions of blue main-sequence stars in Magellanic Cloud star clusters*, ApJ, 912, 27 (arXiv:2103.02379)
- (229) El Youssoufi D., Cioni M.-R.L., Subramanian S., Bell C.P.M., **de Grijs R.**, Groenewegen M.A.T., Ivanov V.D., Matijević G., Niederhofer F., Oliveira J.M., Ripepi V., Schmidt T., Subramanian S., Sun N.-C., van Loon J.T., 2021, *Stellar periphery of the Magellanic Clouds with the VISTA Hemisphere Survey from the red clump and other tracers*, MNRAS, 505, 2020 (arXiv:2104.08054)

- (228) Bhardwaj A., Rejkuba M., **de Grijs R.**, Yang S.-C., Herczeg G.J., Marconi M., Singh H.P., Kanbur S., Ngeow C.-C., 2021, *RR Lyrae variables in Messier 53: Near-infrared Period–Luminosity relations and their calibration using Gaia Early Data Release 3*, ApJ, 909, 200 (arXiv:2012.13495)
- (227) Zwitter T., Kos J., Buder S., Čotar K., Asplund M., Bland-Hawthorn J., Casey A.R., De Silva G.M., D’Orazi V., Freeman K.C., Hayden M.R., Lewis G.F., Lin J., Lind K., Martell S.L., Schlesinger K.J., Sharma S., Simpson J.D., Stello D., Zucker D.B., Beeson K.-L., **de Grijs R.**, Nordlander T., Traven G., Watson F., Wittenmyer R., 2021, *The GALAH+ Survey: A New Library of Observed Stellar Spectra Improves Radial Velocities and Reveals Motions within M67*, MNRAS, 508, 4202 (arXiv:2012.12201)
- (226) **de Grijs R.**, Jacob A.P., 2021, *William Dawes: Practical astronomy on the ‘First Fleet’ from England to Australia*, J. Astron. Hist. Heritage, 24, 7 (arXiv:2101.08975)
- (225) † Kapse S., **de Grijs R.**, Zucker D.B., 2021, *Searching for chemical abundance variations in young star clusters in the Magellanic Clouds: NGC 411, NGC 1718 and NGC 2213*, MNRAS, 503, 6016 (arXiv:2103.10034)
- (224) † Sun W., **de Grijs R.**, Deng L., Albrow M.D., 2021, *Binary-driven stellar rotation evolution at the main-sequence turn-off in star clusters*, MNRAS, 502, 4350 (arXiv:2102.02352)
- (223) Buder S., Sharma S., Kos J., Amarsi A.M., Nordlander T., Lind K., Martell S.L., Asplund M., Bland-Hawthorn J., Casey A.R., De Silva G.M., D’Orazi V., Freeman K.C., Hayden M.R., Lewis G.F., Lin J., Schlesinger K.J., Simpson J.D., Stello D., Zucker D.B., Zwitter T., Beeson K.L., Buck T., Casagrande L., Clark J.T., Cotar K., Da Costa G.S., **de Grijs R.**, Feuillet D., Horner J., Khanna S., Kafle P.R., Liu F., Montet B.T., Nandakumar G., Nataf D.M., Ness M.K., Spina L., Traven G., Trepper-García T., Ting Y.-S., Vogrincic R., Wittenmyer R.A., Žerjal M., and the GALAH collaboration, 2021, *The GALAH+ Survey: Third Data Release*, MNRAS, 506, 150 (arXiv:2011.02505)
- (222) **de Grijs R.**, Jacob A.P., 2021, *Sydney’s scientific beginnings: William Dawes’ observatories in context*, J. Astron. Hist. Heritage, 24, 41 (arXiv:2101.08974)
- (221) † Ren F.-Z., **de Grijs R.**, Zhang H.-W., Deng L., Chen X., Matsunaga N., Liu C., Sun W., Maehara H., Ukita N., Kobayashi N., 2021, *Eclipsing Binary Populations across the Northern Galactic Plane from the KISO-GP survey*, AJ, 161, 176 (arXiv:2102.01924)
- (220) Li C., Tang B., Milone A.P., **de Grijs R.**, Hong J., Yang Y., Wang Y., 2020, *Multiple stellar populations at less evolved stages: Detection of chemical variations among main-sequence dwarfs in NGC 1978*, ApJ, 906, 133 (arXiv:2010.15447)
- (219) Bhardwaj A., Rejkuba M., **de Grijs R.**, Herczeg G.J., Singh H.P., Kanbur S., Ngeow C.-C., 2020, *Near-infrared Census of RR Lyrae in the Messier 3 globular cluster and the Period–Luminosity Relations*, AJ, 160, 220 (arXiv:2008.11745)
- (218) Cusano F., Moretti M.I., Clementini G., Ripepi V., Marconi M., Cioni M.-R.L., Rubele S., Garofalo A., **de Grijs R.**, Groenewegen M.A.T., Oliveira J.M., Subramanian S., van Loon J.T., Sun N.-C., 2021, *The VMC Survey. XLII. Near-Infrared Period–Luminosity and Period–Wesenheit relations of RR Lyrae stars in the Large Magellanic Cloud*, MNRAS, 504, 1 (arXiv:2103.15492)
- (217) Omkumar A.O., Subramanian S., Niederhofer F., Diaz J., Cioni M.-R.L., El Yousoufi D., Bekki K., **de Grijs R.**, van Loon J.T., 2020, *Gaia view of a stellar substructure in front of the Small Magellanic Cloud*, MNRAS, 500, 2757 (arXiv:2010.02687)
- (216) Pastorelli G., Marigo P., Girardi L., Aringer B., Chen Y., Rubele S., Trabucchi M., Bladh S., Boyer M.L., Bressan A., Dalcanton J.J., Groenewegen M.A.T., Lebzelter T., Mowlavi N., Chubb K.L., Cioni M.-R.L., **de Grijs R.**, Ivanov V.D., Nanni A., van Loon J.T., Zaggia S., 2020, *Constraining the thermally pulsing asymptotic giant branch phase with resolved stellar populations in the Large Magellanic Cloud*, MNRAS, 498, 3283 (arXiv:2008.08595)
- (215) **de Grijs R.**, 2021, *European Longitude Prizes. II. Astronomy, Religion and Engineering Solutions in the Dutch Republic*, J. Astron. Hist. Heritage, 24, 405 (arXiv:2101.04760)
- (214) **de Grijs R.**, 2020, *European Longitude Prizes. I. Longitude Determination in the Spanish Empire*, J. Astron. Hist. Heritage, 23, 465 (arXiv:2009.12778)
- (213) **de Grijs R.**, 2021, *Blame game: Restoration quarrels and the Anglo–Dutch wars*, Arquebusier, doi: 10.13140/RG.2.2.15501.46563
- (212) Niederhofer F., Cioni M.-R.L., Rubele S., Schmidt T., Diaz J.D., Matijevič G., Bekki K., Bell C.P.M., El Yousoufi D., **de Grijs R.**, Ivanov V.D., Oliveira J.M., Ripepi V., Subramanian S., Sun N.-C., van Loon J.T., 2021, *The VMC survey. XLI. Stellar proper motions within the Small Magellanic Cloud*, MNRAS, 502, 2859 (arXiv:2101.09099)
- (211) Tatton B.L., van Loon J.T., Cioni M.-R.L., Bekki K., Bell C., Choudhury S., **de Grijs R.**, Groenewegen M.A.T., Ivanov V.D., Marconi M., Oliveira J.M., Ripepi V., Rubele S., Subramanian S., Sun N.-C., 2021, *The VMC Survey. XL. Three-dimensional structure of the Small Magellanic Cloud from red clump stars*, MNRAS, 504, 2983 (arXiv:2012.12288)
- (210) Bell C.P.M., Cioni M.-R.L., Wright A.H., Rubele S., Nidever D.L., Tatton B.L., van Loon J.T., Zaritsky D., Choi Y., Choudhury S., Clementini G., **de Grijs R.**, Ivanov V.D., Majewski S.R., Marconi M., Martínez-Delgado D., Massana P., Muñoz R.R., Niederhofer F., Noël N.E.D., Oliveira J.M., Olsen K., Pennock C.M., Ripepi V., Subramanian S., Vivas A.K., 2020, *The intrinsic reddening of the Magellanic Clouds as traced by background galaxies. II. The Small Magellanic Cloud*, MNRAS, 499, 993 (arXiv:2009.04480)
- (209) † Choudhury S., **de Grijs R.**, Rubele S., Bekki K., Cioni M.-R.L., Ivanov V.D., van Loon J.T., Niederhofer F., Oliveira J.M., Ripepi V., 2020, *The VMC Survey. XXXIX: Mapping metallicity trends in the Small Magellanic Cloud using near-infrared passbands*, MNRAS, 497, 3746 (arXiv:2007.08753)

- (208) **de Grijs R.**, 2020, *A (not so) brief history of lunar distances: Lunar longitude determination at sea before the chronometer*, *J. Astron. Hist. Heritage*, 23, 495 (arXiv:2007.14504)
- (207) **de Grijs R.**, Bono G., 2020, *Clustering of Local Group distances: Publication bias or correlated measurements? VII. A distance framework out to 100 Mpc*, *ApJS*, 248, 6 (arXiv:2004.00114)
- (206) **de Grijs R.**, 2020, *Alexander Bruce, Scotland's accidental 'Scientific Revolutionary'*, *J. Astron. Hist. Heritage*, 23, 267 (arXiv:2007.12302)
- (205) Zivkov V., Oliveira J.M., Petr-Gotzens M.G., Rubele S., Cioni M.-R.L., van Loon J.T., **de Grijs R.**, Emerson J., Ivanov V.D., Marconi M., Moretti M.I., Ripepi V., Niederhofer F., Sun N.-C., 2020, *The VMC survey. XXXVI. Young stellar variability in the Large Magellanic Cloud*, *MNRAS*, 494, 458 (arXiv:2002.12291)
- (204) Schmidt T., Cioni M.-R.L., Niederhofer F., Bekki K., Bell C.M.P., **de Grijs R.**, Diaz J., El Youssoufi D., Emerson J., Groenewegen M.A.T., Ivanov V.D., Matijevic G., Oliveira J.M., Petr-Gotzens M.G., Queiroz A.B.A., Ripepi V., van Loon J.T., 2020, *The VMC survey. XXXVIII. Proper motion of the Magellanic Bridge*, *A&A*, 641, A134 (arXiv:2006.03163)
- (203) **de Grijs R.**, 2020, *Sustained cartographic innovations in nascent French Canada: the life and times of Jean Deshayes*, *J. Astron. Hist. Heritage*, 23, 100 (arXiv:2002.07438)
- (202) Chen X., Wang S., Deng L., **de Grijs R.**, Yang M., Tian H., 2020, *The Zwicky Transient Facility Catalog of Periodic Variable Stars*, *ApJS*, 249, 18 (arXiv:2005.08662; catalog: <http://variables.cn:88/ztf>)
- (201) Groenewegen M.A.T., Nanni A., Cioni M.-R.L., Girardi L., **de Grijs R.**, Ivanov V.D., Marconi M., Moretti M.-I., Oliveira J.M., Petr-Gotzens M.G., Ripepi V., van Loon J.T., 2020, *The VMC Survey. XXXVII. Pulsation periods of dust enshrouded AGB stars in the Magellanic Clouds*, *A&A*, 636, A48 (arXiv:2003.04025)
- (200) Jiang X.-J., Greve T.R., Gao Y., Zhang Z.-Y., Tan Q.-H., **de Grijs R.**, Ho L.C., Michałowski M.J., Currie M.J., Wilson C.D., Brinks E., Ao Y.-P., Zhao Y.-H., He J.-H., Harada N., Yang C.-T., Jiao Q., Chung A., Lee, B., Smith M.W.L., Papadopoulos P.P., Matsushita S., Shi Y., Imanishi M., Rawlings M.G., Zhu M., Eden D., Davis T., Li X.-H., 2020, *The MALATANG Survey: Dense Gas and Star Formation from High-Transition HCN and HCO⁺ Maps of NGC 253*, *MNRAS*, 494, 1276 (arXiv:2003.06595)
- (199) Li Z.-N., Li Z.-Y., Smith M.W.L., Wilson C.D., Gao Y., Eales S.A., Ao Y.-P., Bureau M., Chung A., Davis T.A., **de Grijs R.**, Eden D.J., He J.-H., Hughes T.M., Jiang X.-J., Kemper C., Lamperti I., Lee B., Lee C.-H., Michałowski M.J., Parsons H., Ragan S., Scicluna P., Shi Y., Tang X., Toimci N., 2020, *The HASHTAG project I. A Survey of CO(3-2) Emission from the Star Forming Disk of M31*, *MNRAS*, 492, 195 (arXiv:1912.02403)
- (198) **de Grijs R.**, Bono G., 2020, *Clustering of Local Group distances: Publication bias or correlated measurements? VI. Extending to Virgo cluster distances*, *ApJS*, 246, 3 (arXiv:1911.04312)
- (197) Ragosta F., Marconi M., Molinaro R., Ripepi V., Cioni M.-R.L., Moretti M.I., Groenewegen M.A.T., Choudhury S., **de Grijs R.**, van Loon J.T., Oliveira J.M., Ivanov V.I., González-Fernandez C., 2019, *The VMC Survey. XXXV. Model fitting of LMC Cepheid light curves* *MNRAS*, 490, 4975 (arXiv:1910.05052)
- (196) † Sun W., Chen X., Deng L., **de Grijs R.**, 2020, *Physical Parameters of Late-type Contact Binaries in the Northern Catalina Sky Survey*, *ApJS*, 247, 50 (arXiv:2002.08001)
- (195) † Bhardwaj A., Kanbur S., He S., Rejkuba M., Matsunaga N., **de Grijs R.**, Sharma K., Singh H.P., Baug T., Ngeow C.-C., Ou J.-Y., 2019, *Multiwavelength Period–Luminosity and Period–Luminosity–Color relations at maximum light for Mira variables in the Magellanic Clouds*, *ApJ*, 884, 20 (arXiv:1908.01795)
- (194) † Sun W., Li C., Deng L., **de Grijs R.**, 2019, *Tidal-locking-induced stellar rotation dichotomy in the open cluster NGC 2287?*, *ApJ*, 883, 182 (arXiv:1908.06530)
- (193) El Youssoufi D., Cioni M.-R.L., Bell C.P.M., Rubele S., Bekki K., Girardi L., **de Grijs R.**, Ivanov V.D., Matijevic G., Niederhofer F., Oliveira J.M., Ripepi V., Subramanian S., 2019, *The VMC Survey. XXXIV. Morphology of Stellar Populations in the Magellanic Clouds*, *MNRAS*, 490, 1076 (arXiv:1908.08545)
- (192) Bell C.P.M., Cioni M.-R.L., Wright A.H., Rubele S., Nidever D.L., Tatton B.L., van Loon J.T., Ivanov V.D., Subramanian S., Oliveira J.M., **de Grijs R.**, Choi Y., Niederhofer F., Zaritsky D., Choudhury S., Pennock C.M., Martínez-Delgado D., Muñoz R.R., 2019, *The intrinsic reddening of the Magellanic Clouds as traced by background galaxies. I. The bar and outskirts of the Small Magellanic Cloud*, *MNRAS*, 489, 3200 (arXiv:1908.07538)
- (191) Li C., Sun W., **de Grijs R.**, Deng L., Wang K., Cordoni G., Milone A.P., 2019, *Extended main-sequence turnoffs in the double cluster h and χ Persei: The complex role of stellar rotation*, *ApJ*, 876, 65 (arXiv:1904.02005)
- (190) † Sun W., **de Grijs R.**, Deng L., Albrow M., 2019, *Stellar rotation and the extended main sequence turnoff in the open cluster NGC 5822*, *ApJ*, 876, 113 (arXiv:1904.03547)
- (189) Li C., **de Grijs R.**, 2019, *When does the onset of multiple stellar populations in star clusters occur? Detection of enriched stellar populations in NGC 2121*, 2019, *ApJ*, 876, 94 (arXiv:1904.00508)
- (188) † Baug T., **de Grijs R.**, Dewangan L.K., Herczeg G.J., Ojha D.K., Wang K., Deng L., Bhatt B.C., 2019, *Influence of Wolf–Rayet Stars on Surrounding Star-Forming Molecular Clouds*, *ApJ*, 885, 68 (arXiv:1909.01996)
- (187) Li C., Deng L., **de Grijs R.**, Jiang D., Xin Y., 2018, *The double blue straggler sequence in NGC 2173: a field contamination artefact?*, *Res. Notes AAS*, 2, 215 (arXiv:1812.04807)
- (186) Li C., Sun W., Hong J., Deng L., **de Grijs R.**, Sills A., 2019, *Blue straggler stars beyond the Milky Way. IV. Radial distributions and dynamical implications*, *ApJ*, 871, 171 (arXiv:1812.07154)
- (185) Fensch J., Duc P.-A., Boquien M., Elmegreen D.M., Elmegreen B.G., Bournaud F., Brinks E., **de Grijs R.**, Lelli F., Renaud F., Weillbacher P.M., 2019, *Massive star cluster formation and evolution in tidal dwarf galaxies*, *A&A*, 628, A60 (arXiv:1903.10789)

- (184) Chen X., Wang S., Deng L., **de Grijs R.**, Liu C., Tian H., 2019, *An intuitive 3D map of the Galactic warp's precession traced by classical Cepheids*, Nat. Astron., 3, 320; doi: 10.1038/s41550-018-0686-7 (arXiv:1902.00998)
- (183) Li C., **de Grijs R.**, Deng L., Milone A.P., 2018, *Extended main-sequence turnoffs in young massive clusters in the Magellanic Clouds*, Mem. Soc. Astron. It., 89, 64
- (182) Zivkov V., Oliveira J.M., Petr-Gotzens M.G., Cioni M.-R.L., Rubele S., van Loon J.T., Bekki K., Cusano F., **de Grijs R.**, Ivanov V., Marconi M., Niederhofer F., Ripepi V., Sun N.C., 2018, *The VMC Survey. XXXII. Pre-main sequence populations in the Large Magellanic Cloud*, A&A, 620, A143 (arXiv:1810.03917)
- (181) Groenewegen M.A.T., Cioni M.-R.L., Girardi L., **de Grijs R.**, Ivanov V.D., Marconi M., Muraveva T., Ripepi V., van Loon J.T., 2019, *The VMC Survey. XXXIII. The Tip of the Red Giant Branch in the Magellanic Clouds*, A&A, 622, A63 (arXiv:1812.02581)
- (180) Chen X.D., Wang S., Deng L., **de Grijs R.**, Yang M., 2018, *Wide-field Infrared Survey Explorer (WISE) Catalog of Periodic Variable Stars*, ApJS, 237, 28 (arXiv:1807.03448; data set doi:10.5281/zenodo.1308889)
- (179) Braga V.F., Bhardwaj A., Contreras Ramos R., Minniti D., Bono G., de Grijs R., Minniti J.H. Rejkuba M., 2018, *Structure and kinematics of Type II Cepheids in the Galactic bulge based on near-infrared VVV data*, A&A, 619, A51 (arXiv:1808.10838)
- (178) Kim E., Kim S.S., Choi Y.-Y., Lee G.-H., de Grijs R., Lee M.G., Wang H.S., 2018, *Nuclear starburst activity induced by elongated bulges in spiral galaxies*, MNRAS, 479, 562 (arXiv:1806.04353)
- (177) Niederhofer F., Cioni M.-R.L., Rubele S., Schmidt T., Bekki K., **de Grijs R.**, Emerson J., Ivanov V.D., Marconi M., Oliveira J.M., Petr-Gotzens M.G., Ripepi V., van Loon J.T., Zaggia S., 2018, *The VMC Survey. XXX. Stellar proper motions in the central parts of the Small Magellanic Cloud*, A&A Letters, 613, L8 (arXiv:1804.04689)
- (176) † Sun W., Li C., **de Grijs R.**, Deng L., 2018, *Blue straggler stars beyond the Milky Way. II. A binary origin for blue straggler stars in Magellanic Cloud clusters*, ApJ, 862, 133 (arXiv:1806.04805)
- (175) Rubele S., Pastorelli G., Girardi L., Cioni M.-R., Zaggia S., Marigo P., Bekki K., Bressan A., Clementini G., **de Grijs R.**, Emerson J., Groenewegen M.A.T., Ivanov V.D., Muraveva T., Nanni A., Oliveira J., Ripepi V., Sun N.-C., van Loon J.Th., 2018, *The VMC Survey. XXXI. The spatially resolved star formation history of the main body of the Small Magellanic Cloud*, MNRAS, 478, 5017 (arXiv:1805.04516)
- (174) Li C., Deng L., Bekki K., Hong J., **de Grijs R.**, For B.-Q., 2018, *Blue straggler stars beyond the Milky Way. III. A survey of evolved blue straggler stars in clusters of the Magellanic Clouds*, AJ, 156, 110 (arXiv:1807.07679)
- (173) Chen X., Deng L., **de Grijs R.**, Wang S., Feng S., 2018, *Optical–Mid-Infrared Period–Luminosity Relations for W UMa-type Contact Binaries Based on Gaia DR 1: 8% Distance Accuracy*, ApJ, 859, 140 (arXiv:1804.04801)
- (172) † Yang Y., Li C., Deng L., **de Grijs R.**, Milone A.P., 2018, *New insights into the formation of the blue main sequence in NGC 1850*, ApJ, 859, 98 (arXiv:1804.03948)
- (171) † Sun N.-C., **de Grijs R.**, Cioni M.-R.L., Subramanian S., van Loon J.T., Bekki K., Bell C.P.M., Ivanov V.D., Marconi M., Muraveva T., Oliveira J.M., Ripepi V., Rubele S., 2018, *The VMC Survey. XXIX. Turbulence-controlled Hierarchical Star Formation in the Small Magellanic Cloud*, ApJ, 858, 31 (arXiv:1804.01652)
- (170) † Ma C., **de Grijs R.**, Ho L.C., 2018, *Connections Between Star Cluster Populations and Their Host Galaxy Nuclear Rings*, ApJ, 857, 116 (arXiv:1803.01501)
- (169) Matsunaga N., Bono G., Chen X.D., de Grijs R., Inno L., Nishiyama S., 2018, *Impact of distance determinations on Galactic structure. I. Young and intermediate-age tracers*, Space Sci. Rev., 214, 74 (arXiv:1804.04931)
- (168) † Zhang H., **de Grijs R.**, Li C., Wu X.H., 2018, *No Evidence of Chemical Abundance Variations in the Intermediate-age Cluster NGC 1783*, ApJ, 853, 186 (arXiv:1712.08161)
- (167) Li C., Deng L., **de Grijs R.**, Jiang D., Xin Y., 2018, *An unexpected detection of bifurcated blue straggler sequences in the young globular cluster NGC 2173*, ApJ, 856, 25 (arXiv:1802.02307)
- (166) Niederhofer F., Cioni M.-R.L., Rubele S., Schmidt T., Bekki K., **de Grijs R.**, Emerson J., Ivanov V.D., Oliveira J.M., Petr-Gotzens M.G., Ripepi V., Sun N.-C., van Loon J.T., 2018, *The VMC survey. XXVIII. Improved measurements of the proper motion of the Galactic globular cluster 47 Tucanae*, A&A, 612, A115 (arxiv:1801.07738)
- (165) Chen X.D., Wang S., Deng L., **de Grijs R.**, 2018, *An extremely low mid-infrared extinction law toward the Galactic Center and 4% distance precision to 55 classical Cepheids*, ApJ, 859, 137 (arXiv:1804.06807)
- (164) † Wang S., Chen X.D., **de Grijs R.**, Deng L., 2018, *The Near-infrared Optimal Distances Method applied to Galactic Classical Cepheids Tightly Constrains Mid-infrared Period–Luminosity Relations*, ApJ, 852, 78 (arXiv:1711.06966)
- (163) Tan Q.-H., Gao Y., Zhang Z.-Y., Greve T.R., Jiang X.-J., Wilson C.D., Yang C.-T., Bemis A., Chung A., Matsushita S., Shi Y., Ao Y.-P., Brinks E., Davis T.A., **de Grijs R.**, Ho L.C., Imanishi M., Kohno K., Lee B., Parsons H., Rawlings M.G., Rigopoulou D., Rosolowsky E., Bulger J., Chen H., Chapman S.C., Eden D., Gear W.K., Gu Q.-S., He J.-H., Jiao Q., Liu D.-Z., Liu L.-J., Li X.-H., Michałowski M.J., Nguyen-Luong Q., Qiu J.-J., Smith M.W.L., Violino G., Wang J.-F., Wang J.-Z., Yeh S., Zhao Y.-H., Zhu M., 2018, *The MALATANG Survey: II. The $L_{\text{gas}} - L_{\text{IR}}$ Correlation on Sub-Kiloparsec Scale in Six Nearby Star-Forming Galaxies as Traced by HCN $J = 4 \rightarrow 3$ and $\text{HCO}^+ J = 4 \rightarrow 3$* , ApJ, 860, 165 (arXiv:1805.05619)
- (162) **de Grijs R.**, Bono G., 2017, *Clustering of Local Group distances: publication bias or correlated measurements? V. Galactic rotation constants*, ApJS, 232, 22 (arXiv:1709.02501)
- (161) **de Grijs R.**, Ma C., 2017 *The NGC 7742 star cluster luminosity function: A population analysis revisited*, Res. Astron. Astrophys., 18, 13 (arXiv:1712.00007; editor's recommendation)

- (160) Muraveva T., Subramanian S., Clementini G., Cioni M.-R.L., van Loon J.T., Palmer M., Moretti M.I., **de Grijs R.**, Ripepi V., Marconi M., Molinaro R., Emerson J., Ivanov V.D., 2017, *The VMC survey. XXVI. Structure of the Small Magellanic Cloud from RR Lyrae stars*, MNRAS, 473, 3131 (arXiv:1709.09064)
- (159) † Yao Y.-H., Liu C., Deng L., **de Grijs R.**, Matsunaga N., 2017, *Mira Variable Stars From LAMOST DR4 Data: Emission Features, Temperature Types, and Candidate Selection*, ApJS, 232, 16 (arXiv:1708.04703)
- (158) † Wang S., Jiang B.W., Zhao H., Chen X., **de Grijs R.**, 2017, *The Optical–Mid-infrared Extinction Law of the $l = 165^\circ$ Sightline in the Galactic Plane: Diversity of Extinction Law in the Diffuse Interstellar Medium*, ApJ, 848, 106 (arXiv:1709.05989)
- (157) Ripepi V., Cioni M.-R.L., Moretti M.I., Marconi M., Bekki K., Clementini G., **de Grijs R.**, Emerson J., Groenewegen M.A.T., Ivanov V.D., Molinaro R., Muraveva T., Oliveira J.M., Piatti A.E., Subramanian S. van Loon J.T., 2017, *The VMC Survey. XXV. The 3D structure of the Small Magellanic Cloud from Classical Cepheids*, MNRAS, 472, 808 (arXiv:1707.04500)
- (156) † Sun N.-C., **de Grijs R.**, Subramanian S., Bekki K., Bell C.P.M., Cioni M.-R.L., Ivanov V.D., Marconi M., Oliveira J.M., Piatti A.E., Ripepi V., Rubele S., Tatton B.L., van Loon J.T., 2017, *The VMC Survey XXVII. Young Stellar Structures in the LMC’s Bar Star-Forming Complex*, ApJ, 849, 149 (arXiv:1710.00984)
- (155) **de Grijs R.**, Li C., 2018 *Not-so-simple stellar populations in nearby, resolved massive star clusters* (review article), Physica Scripta, 93, 024001 (arXiv:1711.06079)
- (154) † Hong J., **de Grijs R.**, Askar A., Berczik P., Li C., Wang L., Deng L., Kouwenhoven M.B.N., Giersz M., Spurzem R., 2017, *The dynamical origin of multiple populations in intermediate-age clusters in the Magellanic Clouds*, MNRAS, 472, 67 (arXiv:1707.09153)
- (153) **de Grijs R.**, Courbin F., Martínez-Vázquez C.E., Monelli M., Oguri M., Suyu S.H., 2017, *Toward a self-consistent astronomical distance scale*, Space Sci. Rev., 212, 1743 (arXiv:1706.07933)
- (152) Li C., **de Grijs R.**, Deng L., Milone A., 2017, *Discovery of Extended Main Sequences in Four Young Massive Clusters in the Magellanic Clouds*, ApJ, 844, 119 (arXiv:1706.07545)
- (151) † Ma C., **de Grijs R.**, Ho L.C., 2017, *Improved Method to Determine the Integrated Properties of Nuclear Rings: NGC 1512*, ApJS, 230, 14 (arXiv:1705.01251)
- (150) **de Grijs R.**, 2017, *Star clusters: Anything but simple* (News and Views), Nature Astronomy, 1, 0011 (arXiv:1701.00053)
- (149) Marconi M., Molinaro R., Ripepi V., Cioni M.-R.L., Clementini G., Moretti M.I., Ragosta F., **de Grijs R.**, Groenewegen M.A.T., Ivanov V.D., 2017, *The VMC survey - XXIII. Model fitting of light and radial velocity curves of Small Magellanic Cloud classical Cepheids*, MNRAS, 466, 3206 (arXiv:1612.04650)
- (148) Li C., **de Grijs R.**, Deng L., Milone A. P., 2017, *The radial distributions of the two main-sequence components in the young massive star cluster NGC 1856*, ApJ, 834, 156 (arXiv:1611.04659)
- (147) Fan Z., **de Grijs R.**, Chen B.-Q., Jiang L., Bian F., Li Z., 2016, *Lick Indices and Spectral Energy Distribution Analysis based on an M31 Star Cluster Sample: Comparisons of Methods and Models*, AJ, 152, 208 (arXiv:1610.07002)
- (146) † Subramanian S., Rubele S., Sun N.-C., Girardi L., **de Grijs R.**, van Loon J.T., Cioni M.-R.L., Piatti A.E., Bekki K., Emerson J.P., Ivanov V.D., Kerber L., Marconi M., Ripepi V., Tatton B.L., 2017, *The VMC Survey XXIV: Signatures of tidally stripped stellar populations from the inner Small Magellanic Cloud*, MNRAS, 467, 2980 (arXiv:1701.05722)
- (145) **de Grijs R.**, Bono G., 2016, *Clustering of Local Group distances: publication bias or correlated measurements? IV. The Galactic Center*, ApJS, 227, 5 (arXiv:1610.02457)
- (144) Levan A., Crowther P., **de Grijs R.**, Langer N., Xu D., Yoon S.-C., 2016, *Review: Gamma-ray burst progenitors*, Space Sci. Rev., 202, 33 (arXiv:1611.03091)
- (143) **de Grijs R.**, Ma C., Jia S., Ho L.C., Anders P., 2017, *Young star clusters in circumnuclear starburst rings*, MNRAS, 465, 2820 (arXiv:1610.09125)
- (142) † Chen X., **de Grijs R.**, Deng L., 2017, *New open cluster Cepheids in the VVV survey tightly constrain near-infrared period–luminosity relations*, MNRAS, 464, 1119 (arXiv:1609.05440)
- (141) Li C.-Y., **de Grijs R.**, Deng L.-C., 2016, *Review: Stellar populations in star clusters*, Res. Astron. Astrophys., 16, 179 (arXiv:1609.00894)
- (140) † Sun N.-C., **de Grijs R.**, Subramanian S., Cioni M.-R.L., Rubele S., Bekki K., Ivanov V., Piatti A.E., Ripepi V., 2017, *The VMC Survey XXII. Hierarchical star formation in the 30 Doradus–N158–N159–N160 star-forming complex*, ApJ, 835, 171 (arXiv:1611.06508)
- (139) † Chen X., **de Grijs R.**, Deng L., 2016, *Contact Binaries as Viable Distance Indicators: New, Competitive (V)JHK_s Period–Luminosity Relations*, ApJ, 832, 138 (arXiv:1609.02267)
- (138) † Wu X.H., Li C., **de Grijs R.**, Deng L., 2016, *First observational signature of rotational deceleration in a massive, intermediate-age star cluster in the Magellanic Clouds*, ApJL, 826, L14 (arXiv:1607.00491)
- (137) Li C., **de Grijs R.**, Bastian N., Deng L., Niederhofer F., Zhang C., 2016, *The tight sub-giant branch of the intermediate-age star cluster NGC 411 implies a single-aged stellar population*, MNRAS, 461, 3212 (arXiv:1606.05394)
- (136) Ripepi V., Marconi M., Moretti M.I., Clementini G., Cioni M.-R.L., **de Grijs R.**, Emerson J.P., Groenewegen M.A.T., Ivanov V.D., Piatti A.E., 2016, *The VMC Survey. XIX. Classical Cepheids in the Small Magellanic Cloud*, ApJS, 224, 21 (arXiv:1602.09005)

- (135) Moretti M.I., Clementini G., Ripepi V., Marconi M., Rubele S., Cioni M.-R.L., Muraveva T., Groenewegen M.A.T., Cross N.J.G., Ivanov V.D., Piatti A.E., **de Grijs R.**, 2016, *The VMC Survey. XX. Identification of new Cepheids in the Small Magellanic Cloud*, MNRAS, 459, 1687 (arXiv:1510.08522)
- (134) Ivanov V.D., Cioni M.-R.L., Bekki K., **de Grijs R.**, Emerson J., Gibson B.K., Kamath D., van Loon J.T., Piatti A.E., For B.-Q., 2016, *New quasars behind the Magellanic Clouds. Spectroscopic confirmation of near-infrared-selected candidates*, A&A, 588, A93 (arXiv:1510.05504)
- (133) † Chen X., Deng L., **de Grijs R.**, Zhang X.B., Xin Y., Wang K., Luo C.Q., Yan Z.Z., Tian J.F., Sun J.J., Liu Q., Zhou Q., Luo Z.Q., 2016, *Physical parameter study of eight W Ursae Majoris-type contact binaries in NGC 188*, AJ, 152, 129 (arXiv:1607.06152)
- (132) † Zhang C., Li C., **de Grijs R.**, Deng L., Bekki K., Zaggia S., Rubele S., Piatti A.E., Cioni M.-R.L., Emerson J., For B.-Q., Ripepi V., Marconi M., Ivanov V.D., Chen L., 2015, *The VMC Survey. XVIII. Radial dependence of the low-mass, 0.57–0.83 M_{\odot} stellar mass function in the Galactic globular cluster 47 Tucanae*, ApJ, 815, 95 (arXiv:1511.02993)
- (131) Skidmore W., Dell’Antonio I., Fukugawa M., Goswami A., Hao L., Jewitt D., Laughlin G., Steidel C., Hickson P., Simard L., Schöck M., Treu T., Cohen J., Anupama G.C., Dickinson M., Harrison F., Kodama T., Lu J.R., Macintosh B., Malkan M., Mao S., Narita N., Sekiguchi T., Subramanian A., Tanaka M., Tian F., A’Hearn M., Akiyama M., Ali B., Aoki W., Bagchi M., Barth A., Bhalerao V., Bradac M., Bullock J., Burgasser A.J., Chapman S., Chary R.-R., Chiba M., Cooray A., Crossfield I., Currie T., Das M., Dewangan G.C., **de Grijs R.**, Do T., Dong S., Evslin J., Fang T.T., Fang X., Fassnacht C., Fletcher L., Gaidos E., Gal R., Ghez A., Giavalisco M., Grady C.A., Greathouse T., Gogoi R., Guhathakurta P., Ho L., Hasan P., Herczeg G.J., Honda M., Imanishi M., Inanmi H., Iye M., Kamath U.S., Kane S., Kashikawa N., Kasliwal M., Kasliwal V., Kirby E., Konopacky Q.M., Lepine S., Li D., Li J.Y., Liu J.J., Liu M.C., Lopez-Rodriguez E., Lotz J., Lubin P., Macri L., Maeda K., Marchis F., Marois C., Marscher A., Martin C., Matsuo T., Max C., McConnachie A., McGaugh S., Melis C., Meyer L., Mumma M., Muto T., Nagao T., Najita J.R., Navarro J., Pierce M., Prochaska J.X., Oguri M., Ojha D.K., Okamoto Y.K., Orton G., Otarola A., Ouchi M., Packham C., Padgett D.L., Pandey S.B., Pilachowsky C., Pontoppidan K.M., Primack J., Puthiyaveetil S., Ramirez-Ruiz E., Reddy N., Rich M., Richter M.J., Schombert J., Sen A.A., Shi J.R., Sheth K., Srianand R., Tan J.C., Tanaka M., Tanner A., Tominaga N., Tytler D., U V., Wang L.Z., Wang X.F., Wang Y.P., Wilson G., Wright S., Wu C., Wu X.F., Xu R.X., Yamada T., Yang B., Zhao G.B., Zhao H.S., 2015, *Thirty Meter Telescope Detailed Science Case: 2015*, RAA, 15, 1945 (arXiv:1505.01195)
- (130) Piatti A.E., **de Grijs R.**, Ripepi V., Ivanov V., Cioni M.-R.L., Marconi M., Rubele S., Bekki K., For B.-Q., 2015, *The VMC survey - XVI. Spatial variation of the cluster formation activity in the innermost regions of the Large Magellanic Cloud*, MNRAS, 454, 839 (arXiv:1509.00827)
- (129) Cioni M.-R.L., Bekki K., Girardi L., **de Grijs R.**, Irwin M.J., Ivanov V.D., Marconi M., Oliveira J.M., Piatti A.E., Ripepi V., van Loon J.T., 2016, *The VMC survey - XVII. The proper motion of the Small Magellanic Cloud and of the Milky Way globular cluster 47 Tucanae*, A&A, 586, A77 (arXiv:1510.07647)
- (128) † Li C., **de Grijs R.**, Deng L., Geller A.M., Xin Y., Hu Y., Faucher-Giguère C.A., 2016, *Formation of new stellar populations from gas accreted by massive young star clusters*, Nature, 529, 502 (arXiv:1601.07296); Corrigendum (Nature, 539, 123; 2016), doi:10.1038/nature19336
- (127) † Sun W., **de Grijs R.**, Fan Z., Cameron E., 2016, *The star cluster mass–galactocentric radius relation: Implications for cluster formation*, ApJ, 816, 9 (arXiv:1511.04490)
- (126) **de Grijs R.**, 2015, *Turning off the lights: Supernova SN1987A 30 years on*, Nature Physics, 11, 623 (arXiv:1507.08770)
- (125) **de Grijs R.**, Bono G., 2015, *Clustering of Local Group distances: publication bias or correlated measurements? III. The Small Magellanic Cloud*, AJ, 149, 179 (arXiv:1504.00417)
- (124) Geller A.M., **de Grijs R.**, Li C., Hurley J.R., 2015, *Different Dynamical Ages for the Two Young and Coeval LMC Star Clusters NGC 1805 and NGC 1818 Imprinted on their Binary Populations*, ApJ, 805, 11 (arXiv:1503.05198)
- (123) Piatti A.E., **de Grijs R.**, Rubele S., Cioni M.-R.L., Ripepi V., Kerber L., 2015, *The VMC survey. XV. The Small Magellanic Cloud–Bridge connection history as traced by their star cluster populations*, MNRAS, 450, 552 (arXiv:1503.06656)
- (122) Rubele S., Girardi L., Kerber L., Cioni M.-R.L., Piatti A.E., Zaggia S., Bekki K., Bressan A., **de Grijs R.**, Emerson J.P., Groenewegen M.A.T., Ivanov V.D., Marconi M., Marigo P., Moretti M.I., Ripepi V., Subramanian S., Tatton B.L., van Loon J.Th., 2015, *The VMC Survey. XIV. First results on the look-back time star-formation rate tomography of the Small Magellanic Cloud*, MNRAS, 449, 639 (arXiv:1501.05347)
- (121) † Li S., **de Grijs R.**, Anders P., Li C., 2015, *Star cluster disruption in the starburst galaxy Messier 82*, ApJS, 216, 6 (arXiv:1411.2704)
- (120) † Chen X., **de Grijs R.**, Deng L., 2015, *A search for open cluster Cepheids in the Galactic plane*, MNRAS, 446, 1268 (arXiv:1410.4489)
- (119) † Li C., **de Grijs R.**, Deng L., 2014, *The exclusion of a significant range of ages in a massive star cluster*, Nature, 516, 367 (arXiv:1412.5368)
- (118) Kouwenhoven M.B.N., Goodwin S.P., **de Grijs R.**, Rose M., S.P., Kim S.S., 2014, *How does a low-mass cut-off in the stellar IMF affect the evolution of young star clusters?*, MNRAS, 445, 2256 (arXiv:1409.2613)
- (117) Ripepi V., Moretti M.I., Marconi M., Clementini G., Cioni M.-R.L., **de Grijs R.**, Emerson J.P., Groenewegen M.A.T., Ivanov V.D., Muraveva T., Piatti A.E., Subramanian S., 2015, *The VMC Survey. XIII. Type II Cepheids in the Large Magellanic Cloud*, MNRAS, 446, 3034 (arXiv:1410.7817)

- (116) Piatti A.E., Guandalini R., Ivanov V.D., Rubele S., Cioni M.-R.L., **de Grijs R.**, For B.-Q., Clementini G., Ripepi V., Anders P., Oliveira J., 2014, *The VMC Survey. XII. Star cluster candidates in the Large Magellanic Cloud*, A&A, 570, A74 (arXiv:1407.5471)
- (115) Muraveva T., Clementini G., Maceroni C., Evans C.J., Moretti M.I., Cioni M.-R.L., Marquette J.B., Ripepi V., **de Grijs R.**, Groenewegen M.A.T., Piatti A., 2014, *Eclipsing binary stars in the Large Magellanic Cloud: Results from the EROS-2, OGLE and VMC surveys*, MNRAS, 443, 432 (arXiv:1406.2494)
- (114) Angeloni R., Contreras Ramos R., Catelan M., Dékány I., Gran F., Alonso-García J., Hempel M., Navarrete C., Andrews H., Aparicio A., Beamín J.C., Berger C., Borissova J., Contreras Peña C., Cunial A., **de Grijs R.**, Espinoza N., Eyheramendy S., Ferreira Lopes C.E., Fiaschi M., Hajdu G., Han J., Helminiak K.G., Hempel A., Hidalgo S.L., Ita Y., Jeon Y.B., Jordán A., Kwon J., Lee J.T., Martín E., Masetti N., Matsunaga N., Milone A., Minniti D., Morelli L., Murgas F., Nagayama T., Navarro Molina C.A., Ochner P., Pérez P., Pichara K., Rojas-Arriagada A., Roquette J., Saito R.K., Siviero A., Sohn J., Sung H.I., Tamura M., Tata R., Tomasella L., Townsend B., Whitelock P., 2014, *The VVV Templates Project: Towards an Automated Classification of VVV Light Curves. I. Building a database of stellar variability in the near-infrared*, A&A, 567, A100 (arXiv:1405.4517)
- (113) **de Grijs R.**, Bono G., 2014, *Clustering of Local Group distances: publication bias or correlated measurements? II. M31 and beyond*, AJ, 148, 17 (arXiv:1405.2124)
- (112) † Li C., **de Grijs R.**, Deng L., Rubele S., Wang C., Bekki K., Cioni M.-R.L., Clementini G., Emerson J.P., For B.-Q., Girardi L., Groenewegen M.A.T., Guandalini R., Gullieuszik M., Marconi M., Piatti A.E., Ripepi V., van Loon J.Th., 2014, *The VMC Survey. XI. Radial Stellar Population Gradients in the Galactic Globular Cluster 47 Tucanae*, ApJ, 790, 35 (arXiv:1406.1259)
- (111) Zhong J., Chen L., Liu C., **de Grijs R.**, Hou J., Shen S., Shao Z., Li J., Luo A., Shi J., Zhang H., Yang M., Deng L., Jin G., Zhang Y., Hou Y., Zhang Z., 2014, *The nearest high-velocity stars revealed by LAMOST DR1*, ApJL, 789, L2 (arXiv:1405.7760)
- (110) **de Grijs R.**, Wicker J.E., Bono G., 2014, *Clustering of Local Group distances: publication bias or correlated measurements? I. The Large Magellanic Cloud*, AJ, 147, 122 (arXiv:1403.3141)
- (109) † Li C., **de Grijs R.**, Deng L., 2014, *Not-so-simple stellar populations in the intermediate-age Large Magellanic Cloud star clusters NGC 1831 and NGC 1868*, ApJ, 784, 157 (arXiv:1312.4939)
- (108) Fan Z., **de Grijs R.**, 2014, *Star clusters in M33: Updated UBVR photometry, ages, metallicities, and masses* ApJS, 211, 22 (arXiv:1402.3029)
- (107) Moretti M.I., Clementini G., Muraveva T., Ripepi V., Marquette J.B., Cioni M.-R.L., Marconi M., Girardi L., Rubele S., Tisserand P., **de Grijs R.**, Guandalini R., Groenewegen M.A.T., van Loon J.T., 2014, *The VMC Survey. X. Cepheids, RR Lyrae stars and binaries as probes of the Magellanic System's structure*, MNRAS, 437, 2702 (arXiv:1310.6849)
- (106) Ripepi V., Marconi M., Moretti M.I., Clementini G., Cioni M.-R.L., **de Grijs R.**, Emerson J.P., Groenewegen M.A.T., Ivanov V.D., Oliveira J.M., 2014, *The VMC Survey. VIII. First results for Anomalous Cepheids*, MNRAS, 437, 2307 (arXiv:1310.5967)
- (105) Geller A., **de Grijs R.**, Li C., Hurley J.R., 2013, *Consequences of dynamical disruption and mass segregation for the binary frequencies of star clusters*, ApJ, 779, 30 (arXiv:1310.1085)
- (104) † Anders P., Kotulla R., **de Grijs R.**, Wicker J.E., 2013, *Stochastic IMFs: Models and impact on integrated cluster parameter determination*, ApJ, 778, 138 (arXiv:1310.4936)
- (103) **de Grijs R.**, Goodwin S.P., Anders P., 2013, *No compelling evidence of significant early star cluster disruption in the Large Magellanic Cloud*, MNRAS, 436, 136 (arXiv:1308.3296)
- (102) † Li C., **de Grijs R.**, Deng L., 2013, *The binary fractions in the massive young Large Magellanic Cloud star clusters NGC 1805 and NGC 1818*, MNRAS, 436, 1497 (arXiv:1309.0929)
- (101) Tatton B.L., van Loon J.Th., Cioni M.-R., Clementini G., Emerson J.P., Girardi L., **de Grijs R.**, Groenewegen M.A.T., Gullieuszik M., Ivanov V., Moretti M.I., Ripepi V., Rubele S., 2013, *The VMC survey. VII. Reddening map of the 30 Doradus field and the structure of the cold interstellar medium*, A&A, 554, A33 (arXiv:1304.1153)
- (100) † Li C., **de Grijs R.**, Deng L., Liu X.K., 2013, *Blue straggler evolution caught in the act in the Large Magellanic Cloud globular cluster Hodge 11*, ApJ, 770, L7 (arXiv:1304.4312)
- (99) **de Grijs R.**, Anders P., Zackrisson E., Östlin G., 2013, *The NGC 5253 star cluster system. I. Standard modelling and infrared-excess sources*, MNRAS, 431, 2917 (arXiv:1303.0338)
- (98) **de Grijs R.**, Li C., Zheng Y., Deng L., Hu Y., Kouwenhoven M.B.N., Wicker J.E., 2013, *Gravitational co-nundrum: Dynamical mass segregation versus disruption of binary stars in dense stellar systems*, ApJ, 765, 4 (arXiv:1301.1926)
- (97) Chené A.N., Borissova J., Bonatto C., Majaess D.J., Baume G., Clarke J.R.A., Kurtev R., Bouret J.-C., Catelan M., Emerson J.P., Feinstein C., Geisler D., **de Grijs R.**, Hervé A., Ivanov V.D., Kumar M.S.N., Lucas P., Mahy L., Martins F., Mauro F., Minniti D., Moni Bidin C., Schnurr O., 2013, *Study of massive open star clusters using the VISTA Variables in the Via Láctea survey. II. Discovery of six clusters with Wolf-Rayet stars*, A&A, 549, A98 (arXiv:1211.2801)
- (96) **de Grijs R.**, Anders P., 2012, *Extremely rapid star cluster disruption in high-shear circumnuclear starburst rings: the unusual case of NGC 7742*, ApJ, 758, L22 (arXiv:1209.2429)
- (95) Ripepi V., Moretti M.I., Marconi M., Clementini G., Cioni M.R., Marquette J.B., Girardi L., Rubele S., Groenewegen M.A.T., **de Grijs R.**, Gibson B.K., Oliveira J.M., van Loon J.Th., 2012, *The VMC Survey. V. First results for Classical Cepheids*, MNRAS, 424, 1807 (arXiv:1204.2273)

- (94) Chené A.-N., Borissova J., Clarke J.R.A., Sale, S.E., Moni-Bidin C., Mauro F., Bonatto C., Kurtev R., Georgiev L., Baume G., Feinstein C., Majaess D.J., Ivanov V.D., Geisler D., Zhekov S., Catelan M., Minniti D., Lucas P.W., **de Grijs R.**, Kumar M.S.N., 2012, *Study of massive open star clusters using the VISTA Variables in the Vía Láctea survey. I. Presentation of the first data and description of the approach*, A&A, 545, A54 (arXiv:1206.6104)
- (93) Fan Z., **de Grijs R.**, 2012, *Systematic differences in simple stellar population model results: Application to the M31 globular cluster system*, MNRAS, 424, 2009 (arXiv:1205.3410)
- (92) Saito R.K., Hempel M., Minniti D., Lucas P.W., Rejkuba M., Toledo I., Gonzalez O.A., Alonso-García J., Irwin M.J., Gonzalez-Solares E., Hodgkin S.T., Cross N., Ivanov V.D., Kerins E., Emerson J.P., Soto M., Amôres E.B., Gurovich S., Dékány I., Angeloni R., Beamin J.C., Catelan M., Padilla N., Zoccali M., Pietrukowicz P., Moni Bidin C., Mauro F., Geisler D., Folkes S.L., Sale S.E., Borissova J., Kurtev R., Ahumada A.V., Alonso M.V., Adamson A., Arias J.I., Bandyopadhyay R.M., Barbá R.H., Barbuy B., Baume G.L., Bedin L.R., Benjamin R., Bica E., Bonatto C., Bronfman L., Carraro G., Chené A.N., Clariá J.J., Clarke J.R.A., Contreras C., Corvillón A., **de Grijs R.**, Dias B., Drew J.E., Fariña C., Feinstein C., Fernández Lajús E., Gamen R.C., Gieren W., Goldman B., González-Fernández C., Grand R.J.J., Gunthardt G., Hambly N.C., Hanson M.M., Helminiak K., Hoare M., Huckvale L., Jordán A., Kinemuchi K., Longmore A., López-Corredoira M., Maccarone T., Majaess D., Martín E., Masetti N., Mennickent R.E., Mirabel I.F., Monaco L., Morelli L., Motta V., Palma T., Parisi M.C., Parker Q., Peñaloza F., Pietrzyński G., Pignata G., Popesku B., Read M.A., Rojas A., Roman-Lopes A., Ruiz M.T., Saviane I., Schreiber M.R., Schröder A.C., Sharma S., Smith M., Sodr e Jr. L., Stead J., Stephens A.W., Tamura M., Tappert C., Thompson M.A., Valenti E., Vanzi L., Walton N.A., Weidmann W., Zijlstra A., 2012, *VVV DR1: The First Data Release of the Milky Way Bulge and Southern Plane from the Near-Infrared ESO Public Survey VISTA Variables of the Vía Láctea*, A&A, 537, A107 (arXiv:1111.5511)
- (91) Rubele S., Kerber L., Girardi L., Cioni M.-R., Marigo P., Zaggia S., Bekki K., **de Grijs R.**, Emerson J.P., Groenewegen M.A.T., Gullieusik M., Ivanov V., Miszalski B., Tatton B., van Loon J.Th., 2012, *The VMC Survey. IV. The LMC star formation history and disk geometry from four VMC tiles*, A&A, 537, A106 (arXiv:1110.5852)
- (90) Gullieusik M., Groenewegen M.A.T., Cioni M.-R.L., **de Grijs R.**, van Loon J.T., Girardi L., Ivanov V.D., Oliveira M., Emerson J.P., 2012, *The VMC survey. III. Mass-loss rates and luminosities of LMC AGB stars*, A&A, 537, A105 (arXiv:1110.4497)
- (89) Borissova J., Bonatto C., Kurtev R., Clarke J.R.A., Peñaloza F., Sale S., Minniti D., Alonso-García J., Ertigau A., Barba R., Bica E., Baume G.L., Catelan M., Chené A.N., Dias B., Folkes S., Froebrich D., Geisler D., **de Grijs R.**, Hanson M.M., Hempel M., Ivanov V.D., Kumar N., Lucas P., Mauro F., Moni Bidin C., Rejkuba M., Saito R., Tamura M., Toledo I., 2011, *New Galactic star clusters discovered in the VVV Survey*, A&A, 532, A131 (arXiv:1106.3045)
- (88) † Yu J., **de Grijs R.**, Chen L., 2011, *Rapid dynamical mass segregation and properties of fractal star clusters*, ApJ, 732, 16 (arXiv:1103.0406)
- (87) Cioni M.-R.L., Clementini G., Girardi L., Guandalini R., Gullieusik M., Miszalski B., Moretti M.-I., Ripepi V., Rubele S., Bagheri G., Bekki K., Cross N., de Blok W.J.G., **de Grijs R.**, Emerson J.P., Evans C.J., Gonzales-Solares E., Groenewegen M.A.T., Irwin M., Ivanov V.D., Kerber L., Lewis J., Marconi M., Marquette J.-B., Mastropietro C., Moore B., Napiwotzki R., Naylor T., Oliveira J.M., Read M., Sutorius E., van Loon J.Th., Wilkinson M.I., Wood P.R., 2011, *The VMC Survey. I. Strategy and first data*, A&A, 527, A116 (arXiv:1012.5193)
- (86) Longmore A.J., Kurtev R., Lucas P.W., Froebrich D., **de Grijs R.**, Ivanov V.D., Maccarone T.J., Borissova J., Ker L.M., 2010, *Mercer 5: Further study of a probable new globular cluster in the Galactic bulge*, MNRAS, 416, 465
- (85) Xin Y., Deng L., **de Grijs R.**, Kroupa P., 2011, *Simple stellar population models including blue stragglers*, MNRAS, 411, 761 (arXiv:1009.5987)
- (84) † Hu Y., Deng L., **de Grijs R.**, Liu Q., 2011, *Data characterization using artificial-star tests: performance evaluation*, PASP, 123, 107 (arXiv:1011.3892)
- (83) Fan Z., **de Grijs R.**, Zhou X., 2010, *An updated catalog of M31 globular-like clusters: UBVR photometry, ages, and masses*, ApJ, 725, 200 (arXiv:1009.3582)
- (82) † Hu Y., Deng L., **de Grijs R.**, Goodwin S.P., Liu Q., 2010, *The binary fraction of the young cluster NGC 1818 in the Large Magellanic Cloud*, ApJ, 724, 649 (arXiv:0801.2814)
- (81) Guijarro A., Battaner E., Peletier R.F., Jiménez Vicente J., **de Grijs R.**, Florido E., 2010, *Near-infrared and optical observations of galactic warps: A common, unexplained feature of most discs*, A&A, 519, A53 (arXiv:1009.2112)
- (80) † Allison R.J., Goodwin S.P., Parker R.J., Portegies Zwart S.F., **de Grijs R.**, 2010, *The early dynamical evolution of cold, clumpy star clusters*, MNRAS, 407, 1098 (arXiv:1004.5244)
- (79) Wang S., Fan Z., Ma J., **de Grijs R.**, Zhou X., 2010, *Spectral energy distributions and age estimates of 104 M31 globular clusters*, AJ, 139, 1438 (arXiv:1001.3939)
- (78) Minniti D., Lucas P.W., Emerson J.P., Adamson A., Aigrain S., Ahumada A.V., Alonso M.V., Arias J.I., Bandyopadhyay R., Barbá R.H., Barbuy B., Bedin L.R., Bica E., Borissova J., Bronfman L., Carraro G., Casassus S., Catelan M., Clariá J.J., Clark S., Cross N., Davis C., **de Grijs R.**, Drew J.E., Fariña C., Feinstein C., Fernández Lajús E., Gamen R.C., Geisler D., Giannini T., Gieren W., Goldman B., González O., González-Solares E., Gosling A., Gurovich S., Hambly N.C., Hempel M., Hoare M., Irwin M.J., Ivanov V.D., Jordán A., Kerins E., Kinemuchi K., Kurtev R., Longmore A., López-Corredoira M., Maccarone T., Martín E., Masetti N., McBride V., Mennickent R., Merlo D., Messineo M., Mirabel I.F., Mitchison S., Monaco L., Morelli L., Padilla N., Palma T., Parisi M., Parker Q., Pietrukowicz P., Pietrzyński G., Pignata G., Rejkuba M., Roman-Lopes A., Ruiz M.,

- Saito R.K., Saviane I., Schreiber M., Schroeder A., Smith M., Sodr e Jr. L., Stephens A., Tamura M., Tappert C., Thompson M., Toledo I., Valenti E., Vanzi L., Zoccali M., 2010, *VISTA Variables in the Vía Lactea (VVV). The public ESO near-IR variability survey of the Milky Way*, *New Astron.*, 15, 433 (arXiv:0912.1056)
- (77) **de Grijs R.**, 2010, *A revolution in star cluster research: setting the scene* (introductory review), *Phil. Trans. R. Soc. A* (special issue on ‘Star clusters as tracers of galactic star-formation histories’), 368, 693 (arXiv:0911.0778)
- (76) † Allison R.J., Goodwin S.P., Parker R.J., **de Grijs R.**, Portegies Zwart S.F., Kouwenhoven M.B.N., 2009, *Dynamical mass segregation on a very short timescale*, *ApJ*, 700, L99 (arXiv:0906.4806)
- (75) † Liu Q., **de Grijs R.**, Deng L.C., Hu Y., Beaulieu S.F., 2009, *The stellar mass functions of rich compact clusters in the Large Magellanic Cloud*, *A&A*, 503, 469–476 (arXiv:0905.3698)
- (74) Ma J., Fan Z., **de Grijs R.**, Wu Z., Zhou X., Wu J., Jiang Z., Chen J., 2009, *Spectral energy distributions and age estimates of 39 globular clusters in M31*, *AJ*, 137, 4884 (arXiv:0904.0553)
- (73) † Allison R.J., Goodwin S.P., Parker R.J., Portegies Zwart S.P., **de Grijs R.**, Kouwenhoven M.B.N., 2009, *Using the minimum spanning tree to trace mass segregation*, *MNRAS*, 395, 1449 (arXiv:0901.2047)
- (72) † Liu Q., **de Grijs R.**, Deng L., Hu Y., Baraffe I., Beaulieu S.F., 2009, *The initial mass function of the rich young cluster NGC 1818 in the Large Magellanic Cloud*, *MNRAS*, 396, 1665 (arXiv:0903.4787)
- (71) Gouliermis D.A., **de Grijs R.**, Xin Y., 2009, *A new diagnostic method for assessment of stellar stratification in star clusters*, *ApJ*, 692, 1678 (arXiv:0811.4035)
- (70) Ma J., **de Grijs R.**, Fan Z., Rey S.-C., Wu Z., Zhou X., Wu J., Jiang Z., Chen J., Lee K., Sohn S.T., 2009, *Old stellar population synthesis: New age and mass estimates for Mayall II = G1*, *Res. Astron. Astrophys.* (formerly *ChJA&A*), 9, 641 (arXiv:0904.0674)
- (69) † Moll S.L., **de Grijs R.**, Anders P., Crowther P.A., Larsen S.S., Smith L.J., Portegies Zwart S.F., 2008, *Dynamical masses of M83 star clusters: a test of fibre-fed multi-object spectroscopy*, *A&A*, 490, 125 (arXiv:0808.3556)
- (68) † Barker S., **de Grijs R.**, Cervi no M., 2008, *Star cluster versus field star formation in the nucleus of the prototype starburst galaxy M82*, *A&A*, 484, 711 (arXiv:0804.1913)
- (67) Lan on A., Gallagher J.S. III, Mouhcine M., Smith L.J., Ladjal D., **de Grijs R.**, 2008, *Near-IR spectroscopic ages of massive star clusters in M82*, *A&A*, 486, 165 (arXiv:0812.4888)
- (66) **de Grijs R.**, Goodwin S.P., Kouwenhoven M.B.N., Kroupa P., 2008, *Open cluster stability and the effects of binary stars*, *A&A*, 492, 685 (arXiv:0803.1991)
- (65) Lucas P.W., Hoare M.G., Longmore A., Schroeder A.C., Davis C.J., Adamson A., Bandyopadhyay R.M., **de Grijs R.**, Smith M., Gosling A., Mitchison S., Gaspar A., Coe M., Tamura M., Parker Q., Irwin M., Hambly N., Byant J., Collins R.S., Cross N., Evans D.W., Gonzalez-Solares E., Hodgkin S., Lewis J., Read M., Riello M., Sutorius E.T.W., Lawrence A., Dye S., Drew J., 2008, *The UKIDSS Galactic Plane Survey*, *MNRAS*, 391, 136 (arXiv:0712.0100)
- (64) † Kouwenhoven M.B.N., **de Grijs R.**, 2008, *The effects of binaries on the dynamical mass determination of star clusters*, *A&A*, 480, 103 (arXiv:0712.1748)
- (63) Fan Z., Ma J., **de Grijs R.**, Zhou X., 2008, *Reddening, colour and metallicity of the M31 globular cluster system*, *MNRAS*, 385, 1973 (arXiv:0711.4855)
- (62) † Xin Y., Deng L., **de Grijs R.**, Mackey A.D., Han Z., 2008, *Simple Stellar Population Models as probed by the Large Magellanic Cloud Star Cluster ESO 121–SC03*, *MNRAS*, 384, 410 (arXiv:0711.2156)
- (61) Parmentier G., **de Grijs R.**, 2008, *The poorly constrained cluster disruption time-scale in the Large Magellanic Cloud*, *MNRAS*, 383, 1103 (arXiv:0710.3477)
- (60) **de Grijs R.**, Goodwin S.P., 2008, *Star cluster ‘infant mortality’ in the Small Magellanic Cloud (Redivivus)*, *MNRAS*, 383, 1000 (arXiv:0709.3781)
- (59) † Moll S.L., Mengel S., **de Grijs R.**, Smith L.J., Crowther P.A., 2008, *Cluster and nebular properties of the central star-forming region of NGC 1140*, *MNRAS*, 382, 1877 (arXiv:0709.3394)
- (58) Westmoquette M.S., Smith L.J., Gallagher J.S. III, O’Connell R.W., Rosario D.J., **de Grijs R.**, 2007, *HST/STIS spectroscopy of the environment in the starburst core of M82*, *ApJ*, 671, 358 (arXiv:0708.3311)
- (57) Hughes D.W., **de Grijs R.**, 2007, *The Top Ten Astronomical ‘Breakthroughs’ of the 20th Century*, *Communicating Astronomy with the Public (CAP)*, 1, 11
- (56) Smith L.J., Bastian N., Konstantopoulos I.S., Gallagher J.S. III, Gieles M., **de Grijs R.**, Larsen S.S., O’Connell R.W., Westmoquette M.S., 2007, *The young cluster population of M82 region B*, *ApJ*, 667, L145 (arXiv:0708.0814)
- (55) Eskridge P.B., **de Grijs R.**, Anders P., Windhorst R.A., Taylor V.A., Jansen R.A., 2008, *Star clusters in the nearby late-type galaxy NGC 1311*, *AJ*, 135, 120 (arXiv:0710.3614)
- (54) Chen L., **de Grijs R.**, Zhao J.L., 2007, *Mass segregation in very young open clusters – A case study of NGC 2244 and NGC 6530*, *AJ*, 134, 1368 (arXiv:0706.2723)
- (53) Clark J.S., Munro M.P., Negueruela I., Dougherty S.M., Crowther P.A., Goodwin S.P., **de Grijs R.**, 2008, *Unveiling the X-ray point source population of the Young Massive Cluster Westerlund 1*, *A&A*, 477, 147
- (52) Munro M.P., Gaensler B., Clark J.S., **de Grijs R.**, Pooley D., Stevens I., Portegies Zwart S., 2007, *Exciting the Magnetosphere of the Magnetar CXOU J164710.2–455216 in Westerlund 1*, *MNRAS*, 378, L44 (arXiv:0704.1630)
- (51) Anders P., Bissantz N., Boysen L., **de Grijs R.**, Fritze-v. Alvensleben U., 2006, *The Antennae young star clusters: an old globular cluster system observed at its birth*, *MNRAS*, 377, 91 (astro-ph/0702413)
- (50) **de Grijs R.**, Parmentier G., 2007, *Review: The long-term survival chances of young massive star clusters*, *ChJA&A*, 7, 155 (astro-ph/0702337; invited, internationally refereed review paper)

- (49) Ma J., **de Grijs R.**, Chen D., van den Bergh S., Yang Y., Wu Z., Wu H., Zhou X., Wu J., Jiang Z., Chen J., 2006, *Structural Parameters of Mayall II = G1 in M31*, MNRAS, 376, 1621 (astro-ph/0702012)
- (48) Munro M., Gaensler B., Clark J.S., Portegies Zwart S., Pooley D., **de Grijs R.**, Stevens I., Negueruela I., 2006, *XMM Observations of AXP CXO J167410.2-455216 Four Days Prior to Outburst*, ATel # 902
- (47) **de Grijs R.**, Robertson A.R.I., 2006, *Arp 116: Interacting System or Chance Alignment?*, A&A, 460, 493 (astro-ph/0609786)
- (46) Fan Z., Ma J., **de Grijs R.**, Yang Y., Zhou X., 2006, *New age estimates of M31 globular clusters from multi-colour photometry*, MNRAS, 371, 1648 (astro-ph/0607283)
- (45) Munro M.P., Law C., Clark J.S., Dougherty S.M., **de Grijs R.**, Portegies Zwart S., Yusef-Zadeh F., 2006, *Diffuse, Non-Thermal X-Ray Emission from the Galactic Star Cluster Westerlund 1*, ApJ, 650, 203 (astro-ph/0606492)
- (44) Smith L.J., Westmoquette M.S., Gallagher J.S., O'Connell R.W., Rosario D.J., **de Grijs R.**, 2006, *HST/STIS spectroscopy of five super star clusters in the starburst galaxy M82*, MNRAS, 370, 513 (astro-ph/0605095)
- (43) Ma J., **de Grijs R.**, Yang Y., Zhou X., Chen J., Jiang Z., Wu Z., Wu J., 2006, *A 'super' star cluster grown old: the most massive star cluster in the Local Group*, MNRAS, 368, 1443 (astro-ph/0602608)
- (42) † Anders P., Gieles M., **de Grijs R.**, 2006, *Accurate photometry of extended spherically symmetric sources*, A&A, 451, 375 (astro-ph/0602077)
- (41) Lamers H.J.G.L.M., Anders P., **de Grijs R.**, 2006, *Photometric evolution of dissolving star clusters: I. First predictions*, A&A, 452, 131 (astro-ph/0601606)
- (40) **de Grijs R.**, Anders P., 2006, *How well do we know the age and mass distributions of the star cluster system in the Large Magellanic Cloud?*, MNRAS, 366, 295 (astro-ph/0511305)
- (39) Munro M.P., Clark J.S., Crowther P.A., Dougherty S.M., **de Grijs R.**, Law C., McMillan S.L.W., Morris M.R., Negueruela I., Pooley D., Portegies Zwart S., Yusef-Zadeh F., 2006, *A slowly rotating neutron star in the young star cluster Westerlund 1*, ApJ, 636, L41 (astro-ph/0509408)
- (38) **de Grijs R.**, Parmentier G., Lamers H.J.G.L.M., 2005, *The initial mass distribution of the M82 star cluster system*, MNRAS, 364, 1054 (astro-ph/0509721)
- (37) **de Grijs R.**, Wilkinson M.I., Tadhunter C.N., 2005, *From young massive star cluster to old globular: the $L_V - \sigma_0$ relationship as a diagnostic tool*, MNRAS, 361, 311 (astro-ph/0504496)
- (36) **de Grijs R.**, Anders P., Lamers H.J.G.L.M., Bastian N., Parmentier G., Sharina M.E., Yi S., 2005, *Systematic uncertainties in the analysis of star cluster parameters based on broad-band imaging observations*, MNRAS, 359, 874 (astro-ph/0502289)
- (35) Bastian N., Gieles M., Lamers H.J.G.L.M., Scheepmaker R., **de Grijs R.**, 2004, *The star cluster population of M51: II. Age distribution and relations among the derived parameters*, A&A, 431, 905 (astro-ph/0408043)
- (34) Matthews L.D., **de Grijs R.**, 2004, *Optical imaging and spectroscopy of the edge-on Sbc galaxy UGC 10043: Evidence for a galactic wind and a peculiar triaxial bulge*, 2004, AJ, 128, 137 (astro-ph/0403452)
- (33) **de Grijs R.**, Smith L.J., Bunker A., Sharp R.G., Gallagher J.S., Lançon A., O'Connell R.W., Parry I.R., 2004, *CIRPASS near-infrared integral-field spectroscopy of massive star clusters in the starburst galaxy NGC 1140*, MNRAS, 352, 263 (astro-ph/0404422)
- (32) Pasquali A., Gallagher III J.S., **de Grijs R.**, 2004, *Nuclear Star Formation in NGC 6240*, A&A, 415, 103 (astro-ph/0308163)
- (31) **de Grijs R.**, 2003, *Starbirth in Galaxy Collisions*, Astronomy & Geophysics, 44, 5.14 (invited review) (astro-ph/0308528)
- (30) Anders P., Bissantz N., Fritze-v. Alvensleben U., **de Grijs R.**, 2004, *Analysing observed star cluster SEDs with evolutionary synthesis models: Systematic uncertainties*, MNRAS, 347, 196 (astro-ph/0309356)
- (29) † Anders P., **de Grijs R.**, Fritze-v. Alvensleben U., Bissantz N., 2004, *Star Cluster Formation and Evolution in the Dwarf Starburst Galaxy NGC 1569*, MNRAS, 347, 17 (astro-ph/0309153)
- (28) **de Grijs R.**, Anders P., Lynds R., Bastian N., Lamers H.J.G.L.M., Fritze-v. Alvensleben U., 2003, *Star Cluster Formation and Evolution in Nearby Starburst Galaxies: II. Initial Conditions*, MNRAS, 343, 1285 (astro-ph/0305184)
- (27) **de Grijs R.**, Fritze-v. Alvensleben U., Anders P., Gallagher III J.S., Bastian N., Taylor V.A., Windhorst R.A., 2003, *Star Cluster Formation and Evolution in Nearby Starburst Galaxies: I. Systematic Uncertainties*, MNRAS, 342, 259 (astro-ph/0302286)
- (26) Pasquali A., **de Grijs R.**, Gallagher III J.S., 2003, *On the formation of star clusters in the merger NGC 6240*, MNRAS, 345, 161 (astro-ph/0306446)
- (25) Parmentier G., **de Grijs R.**, Gilmore G.F., 2003, *Chemical evolution of the M82 B fossil starburst*, MNRAS, 342, 208 (astro-ph/0302321)
- (24) **de Grijs R.**, Bastian N., Lamers H.J.G.L.M., 2003, *The Missing Link in Star Cluster Evolution*, ApJ, 583, L17 (astro-ph/0212286)
- (23) Eskridge P.B., Frogel J.A., Taylor V.A., Windhorst R.A., Odewahn S.C., Chiarenza C.A.T., Conselice C.J., **de Grijs R.**, Matthews L.D., O'Connell R.W., Gallagher III J.S., 2003, *UV-Optical Pixel Maps of Face-On Spiral Galaxies – Clues for Dynamics and Star Formation Histories*, ApJ, 586, 923 (astro-ph/0211494)
- (22) **de Grijs R.**, Lee J.T., Mora Herrera M.C., Fritze-v. Alvensleben U., Anders P., 2003, *Stellar Populations and Star Cluster Formation in Interacting Galaxies with the Advanced Camera for Surveys*, New Astronomy, 8, 155 (astro-ph/0210598)

- (21) **de Grijs R.**, Bastian N., Lamers H.J.G.L.M., 2003, *Star Cluster Formation and Disruption Time-Scales – II. Evolution of the Star Cluster System in M82’s Fossil Starburst*, MNRAS, 340, 197 (astro-ph/0211420)
- (20) **de Grijs R.**, Gilmore G.F., Mackey A.D., Wilkinson M.I., Beaulieu S.F., Johnson R.A., Santiago B.X., 2002, *Mass segregation in rich clusters in the Large Magellanic Cloud: III. Implications for the initial mass function*, MNRAS, 337, 597 (astro-ph/0208150)
- (19) Santiago B., Kerber L., Castro R., **de Grijs R.**, 2002, *On the nature of a secondary main sequence turn-off in the rich LMC cluster NGC 1868*, MNRAS, 336, 139
- (18) Windhorst R.A., Taylor V.A., Jansen R.A., Odewahn S.C., Chiarenza C.A.T., Conselice C., **de Grijs R.**, de Jong R.S., MacKenty J., Eskridge P.B., Frogel J.A., Gallagher III J.S., Hibbard J., Matthews L.D., O’Connell R.W., 2002, *An HST survey of the mid-UV morphology of nearby galaxies*, ApJS, 143, 113 (plus 38 E-only pages; astro-ph/0204398)
- (17) Kregel M., van der Kruit P.C., **de Grijs R.**, 2002, *Flattening and truncation of galactic discs*, MNRAS, 334, 646
- (16) **de Grijs R.**, Johnson R.A., Gilmore G.F., Frayn C.M., 2002, *Mass segregation in young compact LMC star clusters: I. Data and Luminosity Functions*, MNRAS, 331, 228
- (15) **de Grijs R.**, Gilmore G.F., Johnson R.A., Mackey A.D., 2002, *Mass segregation in young compact LMC star clusters: II. Mass Functions*, MNRAS, 331, 245
- (14) Greve A., Tarchi A., Hüttemeister S., **de Grijs R.**, van der Hulst J.M., Garrington S.T., Neiningen N., 2001, *A search for radio supernovae and supernova remnants in and near NGC 1569’s super star clusters*, A&A, 381, 825
- (13) **de Grijs R.**, 2001, *Star formation time-scales in the nearby, prototype starburst galaxy M82*, Astronomy & Geophysics (formerly QJRAS), 42, 4.12 (invited review)
- (12) **de Grijs R.**, Kregel M., Wesson K.H., 2001, *Radially truncated galactic discs*, MNRAS, 324, 1074
- (11) **de Grijs R.**, O’Connell R.W., Gallagher III J.S., 2001, *The Fossil Starburst in M82*, AJ, 121, 768
- (10) **de Grijs R.**, Peletier R.F., 2000, *Tracing the vertical composition of disc galaxies through colour gradients*, MNRAS, 313, 800
- (9) **de Grijs R.**, O’Connell R.W., Becker G.D., Chevalier R.A., Gallagher III J.S., 2000, *Supernova Remnants in the Fossil Starburst in M82*, AJ, 119, 681
- (8) van der Kruit P.C., **de Grijs R.**, 1999, *On the axis ratio of the stellar velocity ellipsoid in discs of spiral galaxies*, A&A, 352, 129
- (7) **de Grijs R.**, Peletier R.F., 1999, *Spiral galaxy distance indicators based on near-infrared photometry*, MNRAS, 310, 157
- (6) Peletier R.F., **de Grijs R.**, 1998, *The scatter in the near-infrared colour-magnitude relation in spiral galaxies*, MNRAS, 300, L3
- (5) **de Grijs R.**, 1998, *The global structure of galactic discs*, MNRAS, 299, 595
- (4) **de Grijs R.**, Peletier R.F., van der Kruit P.C., 1997, *The z-structure of disk galaxies towards the galaxy planes*, A&A, 327, 966
- (3) **de Grijs R.**, Peletier R.F., 1997, *The shape of galaxy disks: how the scale height increases with galactocentric distance*, A&A, 320, L21
- (2) **de Grijs R.**, van der Kruit P.C., 1996, *Structure analysis of edge-on spiral galaxies*, A&AS, 117, 19
- (1) van Dokkum P.G., Peletier R.F., **de Grijs R.**, Balcells M., 1994, *The vertical stellar distribution in NGC 6504 – Detection of a thick disk*, A&A, 286, 415
- 2. Ph.D. Thesis**
- **de Grijs R.**, 1997, *Edge-on Disk Galaxies | A Structure Analysis in the Optical and Near-Infrared*, Ph.D. Thesis, University of Groningen, the Netherlands (<http://irs.ub.rug.nl/ppn/163655375>)
- 3. Conference proceedings (in reverse chronological order)**
- (133) Chen X., Wang S., Deng L., **de Grijs R.**, Zhou X., Chen X., Zhang J., 2024 *China Space Station Telescope and Variable Star Studies*, Proc. IAU Symp. 376, eds de Grijs R., Whitelock P.A., Catelan M. (Cambridge: Cambridge Univ. Press), pp. 319–327
- (132) † Miller A.E., Cioni M.-R.L., **de Grijs R.**, Sun N.-C., VMC Team, 2023, *Hierarchical star formation in the Magellanic Clouds with the VMC survey*, Proc. IAU Symp. 373, eds Wong T. & Kim W.-T. (Cambridge: Cambridge Univ. Press), pp. 11–14
- (131) **de Grijs R.**, 2021, *Persistent what? A researcher’s confusion*, PIDapalooza 2021, Zenodo; doi:10.5281/zenodo.4460626 (presentation slides)
- (130) Chen X., Wang S., Deng L., **de Grijs R.**, Liu C., Tian H., 2019, *A 3D map of the Milky Way’s disk as traced by classical Cepheids*, Proc. IAU Symp. 353, eds Valluri M. & Sellwood J.A. (Cambridge: Cambridge Univ. Press), p. 6
- (129) Sun W., Li C., Deng L., **de Grijs R.**, 2019, *Stellar rotation bifurcation caused by tidal locking in the open cluster NGC 2287?*, Proc. IAU Symp. 351, eds Bragaglia A., et al. (Cambridge: Cambridge Univ. Press), p. 228 (arXiv:1908.06531)
- (128) Chen X., Wang S., **de Grijs R.**, Deng L., 2019, *Periodic Variables as Distance Indicators in the Gaia era*, in: The Gaia Universe, 53rd ESLAB Symp., ed. de Bruijne J.H.J., April 2019, ESA/ESTEC, Noordwijk (Netherlands), id.60; <https://doi.org/10.5281/zenodo.3237305>

- (127) **de Grijs R.**, Sun W., Li C., Deng L., 2018, *Blue straggler populations beyond the Milky Way*, in: *Instability Phenomena and Evolution of the Universe*, Byurakan Astrophys. Obs. (Armenia), September 2018, Commun. Byurakan Astrophys. Obs., 65, p. 193 (arXiv:1811.09302)
- (126) **de Grijs R.**, Bono G., 2018, *An internally consistent distance framework in the Local Group*, in: *Stellar Populations and the Distance Scale*, eds Jensen J., Rich R.M., & de Grijs R., Peking University (China), September 2017, Astron. Soc. Pac. Conf. Ser., 514, p. 103 (arXiv:1711.03228)
- (125) **de Grijs R.**, Wu X.H., Li C., Deng L., 2017, *Conservation of Angular Momentum Confirmed: Rotational Deceleration in an Intermediate-Age Star Cluster*, in: 229th American Astronomical Society meeting, Grapevine, TX (USA), January 2017, Abstract 154.09
- (124) **de Grijs R.**, Chen X., Deng, L., 2017, *Variability in the Milky Way: Contact binaries as diagnostic tools*, in: *The non-stable Universe: Energetic sources, activity phenomena and evolutionary processes*, eds Mickaelian A., Harutyunian H., & Nikoghosyan E., Byurakan (Armenia), September 2016, Astron. Soc. Pac. Conf. Ser., 511, 23 (arXiv:1611.08409)
- (123) Deng L., Xin Y., Li. C.Y., **de Grijs R.**, 2016, *Blue straggler stars and other complications in star clusters*, in: *Star clusters as cosmic laboratories for astrophysics, dynamics and fundamental physics (MODEST-16)*, Mem. Soc. Astron. It., 87, 489
- (122) Subramanian S., **de Grijs R.**, Piatti A., Girardi L., Cioni M.-R., van Loon J., Sun N.C., Tatton B., 2016, *Signatures of a tidally stripped stellar population from the inner regions of the Small Magellanic Cloud*, in: XXXIVth Meeting of the Astronomical Society of India, Srinagar (India), May 2016 (abstract ASI2016_790)
- (121) **de Grijs R.**, Li C., Deng L., Geller A.M., Xin Y., Hu Y., Faucher-Giguère C.-A., 2016, *Uncovered: Progenitors of globular clusters showing off their multiple stellar populations*, in: 227th American Astronomical Society meeting, Kissimmee, FL (USA), January 2016, Abstract 240.04
- (120) **de Grijs R.**, Li C., Geller A.M., 2015, *The dynamical importance of binary systems in young massive star clusters*, Symposium 316, XXIXth International Astronomical Union General Assembly, August 2015, Honolulu (HI, USA), eds C. Charbonnel & A. Nota, p. 222 (Abstract S316.9.05; arXiv:1510.00099)
- (119) **de Grijs R.**, Zhang Z., He J., 2016, *The East Asian Office of Astronomy for Development*, Focus Meeting 20 (Astronomy in Focus, vol. 29A), XXIXth International Astronomical Union General Assembly, August 2015, Honolulu (HI, USA), ed. K. Govender, p. 410 (Abstract F20.3.07)
- (118) **de Grijs R.**, 2015, *The search for longitude: Preliminary insights from a 17th Century Dutch perspective*, in: Int'l Symp. on the Sino-French Geodesic Survey of the Qing Empire in the 18th Century, Sanya (Hainan, China), November 2014 (arXiv:1501.00627)
- (117) **de Grijs R.**, Li C., Deng L., 2015, *Radial Stellar Population Gradients in the Galactic Globular Cluster 47 Tucanae*, in: 225th American Astronomical Society meeting, Seattle, WA (USA), January 2015, Abstract 247.06
- (116) **de Grijs R.**, 2014, *The Search for Longitude: Preliminary Insights from a 17th Century Dutch Perspective*, in: Int'l Symp. on the Sino-French Geodesic Survey of the Qing Empire in the 18th Century, Sanya (Hainan, China), November 2014, abstract book p. 12
- (115) Cioni M.-R.L., Bekki K., Clementini G., Emerson J.P., Evans C.J., For B., **de Grijs R.**, Gibson B., Girardi L., Groenewegen M.A.T., Guandalini R., Ivanov V.D., Kerber L., Marconi M., Marquette J.-B., Miszalski B., Moore B., Moretti M.I., Muraveva T., Napiwotzki R., Oliveira J.M., Piatti A.E., Ripepi V., Romita K., Rubele S., Sturm R., Subramanian S., Tatton B.L., van Loon J.Th., Wilkinson M.I., Wood P.R., Zaggia S., 2014, *The VMC Survey*, in: *Resolved And unresolved Stellar PopUlaTIoNs (RASPUTIN)*, ESO/Garching bei München (Germany), October 2014 (poster)
- (114) Li C., **de Grijs R.**, Deng L., 2014, *The binary fractions in the massive young Large Magellanic Cloud star clusters NGC 1805 and NGC 1818*, in: *Binary systems, their evolution and environments*, Ulaanbaatar (Mongolia), September 2014, Abstract book p. 19
- (113) Kim E., Kim S.S., Lee G.-H., Lee M.G., **de Grijs R.**, Choi Y.-Y., 2014, *Nuclear star formation in galaxies due to non-axisymmetric bulges*, in: Asia Pacific Regional IAU Meeting 2014 (APRIM 2014), Daejeon (Republic of Korea), abstract S4/1103, Poster P4-65
- (112) Zhong J., Chen L., Liu C., **de Grijs R.**, 2014, *The Nearest High-Velocity Stars Revealed by LAMOST Data Release 1*, in: Asia Pacific Regional IAU Meeting 2014 (APRIM 2014), Daejeon (Republic of Korea), Poster P3-09
- (111) Kim E., Kim S.S., Lee G.-H., Lee M.G., **de Grijs R.**, Choi Y.-Y., 2014, *Nuclear star formation in galaxies due to non-axisymmetric bulges*, Bull. Kor. Astron. Soc., 39, 61
- (110) Kim E., Kim S.S., Lee G.-H., Lee M.G., **de Grijs R.**, 2014, *Gas inflow and nuclear star formation in galaxies with non-axisymmetric bulges*, in: *The Galactic Center: Feeding and Feedback in a Normal Galactic Nucleus*, Proc. IAU Symp. 303, eds. Sjouwerman L.O., Lang C.C., Ott J., (Cambridge: Cambridge Univ. Press), p. 171
- (109) Geller A., **de Grijs R.**, Li C., Hurley J.R., 2014, *Consequences of Dynamical Disruption and Mass Segregation for the Binary Frequencies of Star Clusters*, in: 223rd American Astronomical Society meeting, Washington, DC (USA), January 2014, Abstract 442.26
- (108) **de Grijs R.**, Li C., Deng L., 2014, *Rapid dynamical processes in the cores of young star clusters in the Large Magellanic Cloud*, in: 223rd American Astronomical Society meeting, Washington, DC (USA), January 2014, Abstract 442.25
- (107) **de Grijs R.**, *The NGC 5253 star cluster system: infrared excess and the effects of stochasticity*, in: *Small Stellar Systems in Tuscany: From Globular Clusters to Dwarf Galaxies and Everything in Between*, Abstract book p. 3

- (106) **de Grijs R.**, Li C., Deng L., 2013, *Dynamical mass segregation versus disruption of binary stars in dense stellar systems*, in: 221st American Astronomical Society meeting, Long Beach, CA (USA), January 2013, Abstract 250.14
- (105) **de Grijs R.**, 2013, *Advancing the physics of cosmic distances: Conference summary*, in: Advancing the physics of cosmic distances, IAU XXVIIIth General Assembly, Beijing (China), August 2012, Symposium 289, ed. R. de Grijs (Cambridge: CUP), p. 351 (arXiv:1209.6529)
- (104) Sohn J., Sung H.-I., Jeon Y.-B., Angeloni R., **de Grijs R.**, 2012, *Infrared light-curve study of cataclysmic variable stars [ST-15]*, Bull. Kor. Astron. Soc., 37, 146
- (103) Han J., Sohn J., Sung H.-I., Jeon Y.-B., Angeloni R., **de Grijs R.**, 2012, *Light Curve of BL Cam using BOAO in Korea: Preliminary result of VVV light curve templates*, 3rd VISTA Variables in the Vía Láctea Science Meeting (poster)
- (102) Minniti D., Clariá J.J., Saito R.K., Hempel M., Lucas P.W., Rejkuba M., Toledo I., Gonzalez O.A., Alonso-García J., Irwin M.J., Gonzalez-Solares E., Cross N., Ivanov V.D., Soto M., Dékány I., Angeloni R., Catelan M., Amôres E.B., Gurovich S., Emerson J.P., Lewis J., Hodgkin S., Zoccali M., Sale S.E., Barbá R.H., Barbuy B., Beamin J.C., Borissova J., Folkes S.L., Gamen R.C., Geisler D., Alonso M.V., Weidmann W., Gunthardt G., Hanson M., Kerins E., Kurtev R., Majaess D., Martín E., Masetti N., Mirabel I.F., Monaco L., Moni Bidin C., Padilla N., Pietrukowicz P., Pietrzynski G., Rojas A., Saviane I., Valenti E., López-Corredoira L., Ahumada A.V., Aigrain S., Arias J.I., Bandyopadhyay R.M., Baume G.L., Bedin L.R., Bica E., Bronfman L., Carraro G., Contreras C., Davis C.J., **de Grijs R.**, Dias B., Drew J.E., Fariña C., Feinstein C., Fernández Lajús E., Gieren W., Goldman B., Gosling A., Hambly N.C., Hoare M., Jordán A., Kinemuchi K., Longmore A., Maccarone T., Mennickent R.E., Merlo D., Messineo M., Morelli L., Palma T., Parisi M.C., Parker Q., Pignata G., Popescu B., Roman-Lopes A., Ruiz M.T., Schreiber M.R., Schröder A.C., Smith M., Sodr e Jr. L., Stephens A.W., Tamura M., Tappert C., Thompson M.A., Vanzi L., 2012, *The VVV Survey of the Milky Way: 1st Year Results*, Bull. Asoc. Arg. Astron., 54, 265 (in: Proc. Asoc. Arg. Astron–Soc. Chil. Astron. Conf. 2011, Clariá J.J., Benaglia P., Barbá R., Piatti A.E., Bareilles F.A., eds.; http://www.astronomiaargentina.org.ar/b54/boletin_54.pdf)
- (101) Han J.H., Sohn J., Jeon J.B., Sung H.I., Angeloni R., **de Grijs R.**, 2011, *Light curve of BL Cam using KASINICS*, Bull. Kor. Astron. Soc., 36, 149
- (100) **de Grijs R.**, 2011, *Star cluster formation: the big picture*, Bull. Kor. Astron. Soc., 36, 48 (Korean Astron. Soc. Fall 2011 mtg, Jeju Island, invited plenary lecture)
- (99) **de Grijs R.**, 2011, *Birth, evolution and death of stellar clusters*, in: Proc. Stellar Clusters and Associations – A RIA workshop on Gaia, May 2011, Granada (Spain), 300 (arXiv:1107.0800)
- (98) **de Grijs R.**, Allison R.J., Hu Y., Goodwin S.P., Deng L., 2011, *Observational and numerical constraints on early star cluster evolution*, in: 217th American Astronomical Society meeting, Seattle (USA), January 2011, Abstract 152.09
- (97) **de Grijs R.**, Allison R.J., Hu Y., Goodwin S.P., Deng L., 2010, *Reassessing the initial conditions of star cluster simulations*, in: 4th East Asian Numerical Astrophysics Meeting (EANAM2010), Taipei (Taiwan), November 2010, Abstract book p. 76
- (96) Borissova J., Kurtev R., Folkes S., Artigau É., Ivanov V., Minniti D., Lucas P., Penalzoza F., Sale S., Bica E., Bonatto C., Catelan M., Hempel M., Zoccali M., Toledo I., Geisler D., Moni Bidin C., Ahumada A., Barbá R., **de Grijs R.**, Jordán A., Barne G., 2010, *VVV search for new young clusters towards the star-forming regions in our Galaxy: First results*, Joint European and National Astronomy Meeting 2010 (Portugal), September 2010 (poster), in: Star Clusters in the Era of Large Surveys, Astrophys. Space Sci. Proc. (2012), p. 101
- (95) **de Grijs R.**, 2010, *Star cluster formation and evolution as proxy to the galaxy formation and assembly process* (session introduction), in: Proc. From Stars to Galaxies Conf., Univ. of Florida (Gainesville, USA), April 2010, p. 122
- (94) Lucas P.W., Samuel D., Adamson A., Bandyopadhyay R., David C., Drew J., Froebrich D., Galloway M., Gosling A., **de Grijs R.**, Hoare M.G., Longmore A., Maccarone T., McBride V., Schroeder A., Smith M., Stead J., Thompson M.A., 2013, *A billion stars: the near-infrared view of the Galaxy with the UKIDSS Galactic Plane Survey*, in: Proc. Thirty Years of Astronomical Discovery with UKIRT, Royal Obs. Edinburgh (UK), September 2009, ApSS Proc., 37, 279
- (93) † Xin Y., **de Grijs R.**, Deng L., Kroupa P., 2009, *Impact of blue stragglers on simple stellar population models*, in: Star clusters – basic galactic building blocks throughout time and space, IAU XXVIIth General Assembly, Rio de Janeiro (Brazil), August 2009, Symposium 266, p. 556; paper S266-p:130 (Abstract book p. 162)
- (92) **de Grijs R.**, 2009, *Young massive star clusters: Achievements and challenges*, in: Star clusters – basic galactic building blocks throughout time and space, IAU XXVIIth General Assembly, Rio de Janeiro (Brazil), August 2009, Symposium 266, eds. R. de Grijs & J. Lépine (Cambridge: CUP), p. 49 (arXiv:0909.2322) (paper S266-i:2; Abstract book p. 133)
- (91) Minniti D., Lucas P., Ahumada A.V., Zoccali M., Catelan M., Morelli L., Tappert C., Pignata G., Toledo I., Ruiz M.T., Carraro G., Casassus S., Bronfman L., Barbá R.H., Gamen R., Gieren W., Geisler D., Pietrzyński G., Mennickent R.E., Kurtev R., Borissova J., Mirabel F., Ivanov V.D., Saviane I., Vanzi L., Monaco L., Rejkuba M., Messineo M., Bedin L., Stephens A., Barbuy B., Bica E., Clariá J.J., Emerson J., Drew J., López-Corredoira L., Martin E., Goldman B., Gianinni T., Eisloffel J., Groot P., Fabregat J., Hambly N., Longmore A., Walton N., **de Grijs R.**, Hoare M., Schroeder A., Naylor T., Barlow M., Zijlstra A., White G., Gosling A., McGowan K., Adamson A., Bandyopadhyay R., Thompson M., Cropper M., Lucey J., Kerins E., Hodgkin S., Pinfield D.,

- 2009, *VISTA Milky Way Public Survey*, in: XII Lat. Am. Int'l Astron. Union Region. Mtg., Magris G., Bruzual G., Carigi L., eds., Rev. Mex. A&A (Ser. Conf.), 35, 263-264
- (90) **de Grijs R.**, Goodwin S.P., 2008, *Star cluster evolution in the Magellanic Clouds revisited*, in: The Magellanic System: Stars, Gas, and Galaxies, IAU Symp. 256, van Loon J.T., Oliveira J.M., eds., Keele (UK), July 2008, p. 311 (arXiv:0808.2585)
- (89) Guijarro A., Peletier R.F., Battaner E., Jiménez-Vicente J., **de Grijs R.**, Florido E., 2010, *Near-infrared and optical observations of galactic warps*, in: Highlights of Spanish astrophysics V, Proceedings of the VIIIth Scientific Meeting of the Spanish Astronomical Society (SEA), Santander (Spain), p. 299
- (88) † Liu Q., **de Grijs R.**, Deng L.C., Hu Y., Baraffe I., 2008, *Observations of clusters with ages from 0.01 to 1.0 Gyr in the Large Magellanic Cloud*, in: The Art of Modelling Stars in the 21st Century, IAU Symp. 252, Deng L., Chan K.L., Chiosi C., eds., Sanya (China), April 2008, p. 121
- (87) **de Grijs R.**, Kouwenhoven M.B.N., Goodwin S.P., 2008, *What do dynamical cluster masses really tell us about dynamics?*, in: Galactic and stellar dynamics in the era of high-resolution surveys, Boily C., Combes F., Hensler G., eds., Strasbourg (France), March 2008, Astron. Nachr., 329, 972 (arXiv:0810.0618)
- (86) Chen L., **de Grijs R.**, Zhao J.L., 2008, *Mass segregation effects in very young open clusters*, in: A Giant Step: from Milli- to Micro-arcsecond Astrometry, IAU Symp. 248, Jin W.J., Platais I., Perryman M.A.C., eds., Shanghai (P. R. China), p. 481
- (85) Chen L., Hou J.L., Zhao J.L., **de Grijs R.**, 2008, *Open Clusters: their kinematics and metallicities*, in: A Giant Step: from Milli- to Micro-arcsecond Astrometry, IAU Symp. 248, Jin W.J., Platais I., Perryman M.A.C., eds., Shanghai (P. R. China), p. 433 (arXiv:0711.2540)
- (84) **de Grijs R.**, 2009, *Young massive star clusters: globular cluster progenitors?*, in: Young massive star clusters – Initial conditions and environments, Pérez E., de Grijs R., González Delgado R.M., eds., Granada, Spain, September 2007, Astrophys. Space Sci., 324, 283 (arXiv:0711.3540)
- (83) Anders P., Fritze U., **de Grijs R.**, 2009, *The young star cluster system of the Antennae galaxies*, in: Young massive star clusters – Initial conditions and environments, Pérez E., de Grijs R., González Delgado R.M., eds., Granada, Spain, September 2007, Astrophys. Space Sci., 324, 305 (arXiv:0801.3679)
- (82) † Kouwenhoven M.B.N., **de Grijs R.**, 2009, *How do binaries affect the derived dynamical mass of a star cluster?*, in: Young massive star clusters – Initial conditions and environments, Pérez E., de Grijs R., González Delgado R.M., eds., Granada, Spain, September 2007, Astrophys. Space Sci., 324, 171 (arXiv:0801.3941)
- (81) Lançon A., Gallagher J.S., Mouhcine M., Smith L.J., Ladjal D., **de Grijs R.**, 2009, *Near-infrared age-dating of red supergiant-dominated stellar populations*, in: Young massive star clusters – Initial conditions and environments, Pérez E., de Grijs R., González Delgado R.M., eds., Granada, Spain, September 2007, Astrophys. Space Sci., 324, 241
- (80) † Moll S.L., **de Grijs R.**, Mengel S., Smith L.J., Crowther P.A., 2008, *Dynamical Mass Estimates of Young Massive Clusters in NGC 1140 and M83*, in: Young massive star clusters – Initial conditions and environments, Pérez E., de Grijs R., González Delgado R.M., eds., Granada, Spain, September 2007, Astrophys. Space Sci., 324, 177
- (79) Cioni M.-R.L., Bekki K., Clementini G., de Blok W.J.G., Evans C.J., **de Grijs R.**, Gibson B.K., Girardi L., Groenewegen M.A.T., Ivanov V.D., Leisy P., Marconi M., Mastropietro C., Moore B., Naylor T., Oliveira J.M., Ripepi V., van Loon J.T., Wilkinson M.I., Wood P.R., 2008, *The Magellanic Clouds as a template for the study of stellar populations and galaxy interactions*, in: Elizabeth and Frederick White Conference on the Magellanic System, Sydney, Australia, PASA, 25, 121 (arXiv:0710.3706)
- (78) Kissler-Patig M., Wilson T., Bastian N., D'Antona F., **de Grijs R.**, Froebrich D., Galliano E., Grosbøl P., Johnson K., Keto E., Klessen R., Megeath T., Rejkuba M., Steinacker J., Zinnecker H., 2007, *12 Questions on Star and Massive Star Cluster Formation*, The ESO Messenger, 129, 69
- (77) **de Grijs R.**, 2007, *The long-term survival chances of young massive star clusters*, in: Young massive star clusters – Initial conditions and environments, Granada (Spain), September 2007, Abstract book p. 97 (ed. E. Pérez)
- (76) † Kouwenhoven M.B.N., **de Grijs R.**, 2008, *Binaries and the dynamical mass of star clusters*, in: Dynamical Evolution of Dense Stellar Systems, Proc. IAU, Vol. 3, IAU Symp. 246, Capri, Italy, Vesperini E., Giersz M., Sills A., eds., p. 269 (arXiv:0710.1207)
- (75) † Xin Y., Deng L., **de Grijs R.**, Mackey A.D., Han Z., 2007, *The Contribution of Blue Stragglers to Conventional Simple Stellar Population Models – using star clusters as working samples*, in: 12 Questions on Star and Massive Star Cluster Formation, July 2007, ESO Garching (Germany), Wilson T., Kissler-Patig M., eds., CD-ROM
- (74) **de Grijs R.**, 2007, *How important is primordial mass segregation?*, in: 12 Questions on Star and Massive Star Cluster Formation (introduction to the session; invited review), July 2007, ESO Garching (Germany), Wilson T., Kissler-Patig M., eds., CD-ROM
- (73) **de Grijs R.**, 2008, *Young massive star clusters in the era of the Hubble Space Telescope*, in: The Impact of HST on European Astronomy, 41st ESLAB Symp., May 2007, Noordwijk (Netherlands), ESA: Noordwijk, Abstract book p. 9; ApSS Proc., de Marchi G. et al., eds., Springer: Dordrecht, p. 91 (arXiv:0706.1865)
- (72) Smith L.J., Westmoquette M.S., Gallagher J.S., III, O'Connell R.W., Rosario D.J., **de Grijs R.**, 2007, *HST/STIS Spectroscopy of Ionized Gas in the M82 Starburst Core*, BAAS, 039.03 (209th meeting of the American Astronomical Society, Seattle, USA; January 2007)
- (71) Lançon A., Gallagher J.S., **de Grijs R.**, Hauschildt P., Ladjal D., Mouhcine M., Smith L.J., Wood P.R., Förster Schreiber N., 2007, *Modelling the Near-IR Spectra of Red Supergiant-dominated Populations*, in: Stellar popula-

- tions as basic building blocks of galaxies, IAU Symp. 241, December 2006, La Palma (Spain), Vazdekis A., Peletier R.F., eds., CUP: Cambridge, p. 152 (arXiv:0704.0401)
- (70) † Hu Y., Liu Q., Deng L., **de Grijs R.**, Liang Y., 2007, *The Binary Fraction of the Young Star Cluster NGC 1818 in the Large Magellanic Cloud*, in: Stellar populations as basic building blocks of galaxies, IAU Symp. 241, December 2006, La Palma (Spain), Vazdekis A., Peletier R.F., eds., CUP: Cambridge, p. 347
- (69) Anders P., Lamers H.J.G.L.M., **de Grijs R.**, 2006, *How mass segregation in star clusters can change the observed SFHs of galaxies*, in: Galaxy Evolution across the Hubble Time, IAU Symp. 235 (XXVIth General Assembly), Prague (Czech Republic), August 2006; paper S235-75 (Abstract book p. 8)
- (68) Lilly T., Fritze-v. Alvensleben U., **de Grijs R.**, 2006, *Combining broad-band color and Lick index analysis: A new tool for the analysis of globular cluster systems*, in: Galaxy Evolution across the Hubble Time, IAU Symp. 235 (XXVIth General Assembly), Prague (Czech Republic), August 2006; paper S235-248 (Abstract book p. 42)
- (67) † Anders P., **de Grijs R.**, Bissantz N., Boysen L., Fritze-v. Alvensleben U., 2006, *Antennae's young massive clusters: Already a Gaussian LF!?*, in: Triggered Star Formation in a Turbulent ISM, IAU Symp. 237 (XXVIth General Assembly), Prague (Czech Republic), August 2006; paper S237-73 (Abstract book p. 117)
- (66) Ahumada A.V., Minniti D., Adamson A., Bandyopadhyay R., Barbá R., Barbuy B., Barlow M., Bedin L., Bica E., Borissova J., Bronfman L., Carraro G., Casassus S., Catelan M., Clariá J., Cropper M., Dalton N., **de Grijs R.**, Drew J., Eislöeffel J., Emerson J., Fabregat J., Garcia P., Geisler D., Giannini T., Gieren W., Goldman B., Gosling A., Groot P., Hambly N., Hoare M., Irwin M., Ivanov V., Kerber L., Kurtev R., Longmore A., López-Corredoira M., Lucas P., Lucey J., McGowan K., Mennickent R., Messineo M., Mirabel F., Monaco L., Morelli L., Naylor T., Pietrzynski G., Pignata G., Rejkuba M., Ruiz M.T., Saviane I., Schreiber M., Schroeder A., Stephens A., Tappert C., Thompson M., Vanzi L., Walton N., White G., Zijlstra A., Zoccali M., 2006, *Vista Variables in the Vía Lactea (VVV)*, in: Exploiting Large Surveys for Galactic Astronomy, IAU XXVIth General Assembly, Prague (Czech Republic), August 2006, Joint Discussion 13; paper JD13-50 (Abstract book p. 384)
- (65) Anders P., Lamers H.J.G.L.M., **de Grijs R.**, 2006, *The imprint of mass segregation on the integrated photometry of star clusters*, in: Modelling Dense Stellar Systems, IAU XXVIth General Assembly, Prague (Czech Republic), August 2006, Joint Discussion 14; paper JD14-14 (Abstract book p. 389)
- (64) **de Grijs R.**, 2006, *From Young Massive Star Clusters to Old Globulars: Long-Term Survival Chances*, in: Triggered Star Formation in a Turbulent ISM, IAU Symp. 237, August 2006, Prague (Czech Republic), Elmegreen B.G., Palouš J., eds. (XXVIth General Assembly), CUP: Cambridge, p. 408 (paper S237-120; Abstract book p. 127)
- (63) **de Grijs R.**, 2006, *From nuclear clusters to halo globulars: Star clusters as basic galactic building blocks*, in: Galaxy Evolution across the Hubble Time, IAU Symp. 235 (invited review), August 2006, Prague (Czech Republic), Combes F., Palouš J., eds. (XXVIth General Assembly), CUP: Cambridge, p. 48 (astro-ph/0609098; paper S235-13; Abstract book p. 2)
- (62) † Moll S.L., **de Grijs R.**, Mengel S., Smith L.J., 2006, *Dynamical Mass Estimate for a Young Massive Star Cluster in NGC 1140*, in: Mass loss from stars and the evolution of stellar clusters, May 2006, Lunteren (Netherlands), de Koter A., Smith L.J., Waters L.B.F.M., eds., ASP: San Francisco, Vol. 388, p. 411 (poster P34)
- (61) Anders P., Lamers H.J.G.L.M., **de Grijs R.**, 2006, *The impact of selective mass loss on the age determination of star clusters*, in: Mass loss from stars and the evolution of stellar clusters, May 2006, Lunteren (Netherlands), de Koter A., Smith L.J., Waters L.B.F.M., eds., ASP: San Francisco, Vol. 388, p. 345
- (60) Munro M.P., Morris M.R., Clark J.S., Crowther P.A., **de Grijs R.**, Dougherty S.M., Law C., Yusef-Zadeh F., McMillan S.L.W., Negueruela I., Pooley D., Portegies Zwart S., 2006, *The Galactic Super Star Cluster Westerlund 1*, in: Making the Most of the Great Observatories, May 2006, Pasadena (USA), Abstract 9 (Abstract book, p. 3)
- (59) † Lilly T., Fritze-v. Alvensleben U., **de Grijs R.**, 2006, *The globular cluster system of NGC 5128: Combining broad-band colors and Lick index analysis*, in: Globular Clusters – Guides to Galaxies, ESO Astrophysics Symp., vol. 2009, March 2006, Concepción (Chile), Richtler T., Larsen S.S., eds., Springer: Heidelberg, pp. 307–308 (published 2009)
- (58) **de Grijs R.**, 2006, *From young massive star clusters to old globulars: initial mass distributions and survival chances*, in: Globular Clusters – Guides to Galaxies, ESO Astrophysics Symp., vol. 2009, March 2006, Concepción (Chile), Richtler T., Larsen S.S., eds., Springer: Heidelberg, pp. 353–356 (astro-ph/0603156) (published 2009)
- (57) Munro M.P., Clark J.S., Crowther P.A., Dougherty S.M., **de Grijs R.**, Law C., McMillan S.L.W., Morris M.R., Negueruela I., vPooley D., Portegies Zwart S., Yusef-Zadeh F., 2006, *A Neutron Star with a Massive Progenitor in the Star Cluster Westerlund 1*, BAAS, 207, 91.03
- (56) Munro M.P., Clark J.S., Crowther P.A., Dougherty S.M., **de Grijs R.**, Law C., McMillan S.L.W., Morris M.R., Negueruela I., Pooley D., Portegies Zwart S., Yusef-Zadeh F., 2006, *The Massive Young Galactic Star Cluster Westerlund 1*, in: 6 Years of Science with Chandra, Fruscione A., ed., November 2005, Chandra X-ray Center (Boston, USA), abstract 8.7 (p. 176; http://cxc.harvard.edu/symposium_2005/files/program.pdf)
- (55) **de Grijs R.**, 2006, *Modes of star formation along the Hubble Sequence and beyond*, in: Island Universes – Structure and Evolution of Disk Galaxies (invited talk), de Jong R.S., ed., July 2005, Terschelling (Netherlands), (Springer: Dordrecht), Astrophysics & Space Science Proceedings, p. 423 (astro-ph/0508205)
- (54) Bunker A., Smith J., Parry I., Metcalf R.B., Sharp R., **de Grijs R.**, Bower R., Swinbank M., 2006, *Extragalactic integral field spectroscopy on the Gemini telescopes*, in: Integral Field Spectroscopy: Techniques and Data Production, Allington-Smith J., Gerssen J., Robertson D., eds., July 2005, Durham (UK), NewAR, 50, 422

- (53) **de Grijs R.**, 2006, *Near-infrared integral-field spectroscopy of violent starburst environments*, in: Adaptive Optics-Assisted Integral-Field Spectroscopy (contributed talk), Rutten R.G.M., Benn C.R., Mendez J., eds., May 2005, La Palma (Spain), New Astr. Rev., 49, 495 (astro-ph/0505434)
- (52) † Anders P., **de Grijs R.**, Fritze-v. Alvensleben U., 2006, *Nearby Star Cluster Formation: Probes of Cosmological Galaxy Evolution*, in: When UV meets IR: a History of Star Formation, XXVth Moriond Astrophysics Meeting, La Thuile (Italy), Elbaz D., Aussel H., eds., (astro-ph/0507276)
- (51) Eskridge P.B., Monson A.J., Jansen R.A., Taylor V.A., Windhorst R.A., **de Grijs R.**, 2005, *Resolved Stars and Unresolved Light in NGC 1311*, BAAS, 205, 93.16
- (50) **de Grijs R.**, 2004, *Star cluster survival chances*, in: Modelling Dense Stellar Systems (MODEST) – 5a (invited talk), December 2004, Edinburgh (UK)
- (49) **de Grijs R.**, 2004, *Normal versus Starburst Galaxies: Modes of Star Formation*, in: New Windows on Star Formation in the Cosmos, (invited review talk at the 15th Annual October Astrophysics Conference in Maryland), October 2004, Maryland (USA)
- (48) **de Grijs R.**, O’Connell R.W., 2004, *Starbursts – from 30 Doradus to Lyman Break Galaxies: Conference Summary*, A&G, 45, 6.27
- (47) Smith L.J., Westmoquette M.S., Gallagher J.S., O’Connell R.W., **de Grijs R.**, 2005, *HST/STIS spectroscopy of the starburst core of M82*, in: Starbursts – from 30 Doradus to Lyman break galaxies, Astrophysics & Space Science Library, de Grijs R., González Delgado R.M., eds., Cambridge (UK), September 2004, Springer: Dordrecht, Vol. 329, p. 227
- (46) † Lilly T., Fritze-v. Alvensleben U., **de Grijs R.**, 2005, *New tools for the tracing of ancient starbursts: Analysing globular cluster systems using Lick indices*, in: Starbursts – from 30 Doradus to Lyman break galaxies, Astrophysics & Space Science Library, de Grijs R., González Delgado R.M., eds., Cambridge (UK), September 2004, Springer: Dordrecht, Vol. 329, P41
- (45) † Anders P., Gieles M., **de Grijs R.**, Fritze-v. Alvensleben U., 2005, *Measuring sizes and compactnesses of young star clusters*, in: Starbursts – from 30 Doradus to Lyman break galaxies, Astrophysics & Space Science Library, de Grijs R., González Delgado R.M., eds., Cambridge (UK), September 2004, Springer: Dordrecht, Vol. 329, P3
- (44) **de Grijs R.**, 2005, *Star and cluster formation in extreme environments*, in: Starbursts – from 30 Doradus to Lyman break galaxies (invited talk), Astrophysics & Space Science Library, de Grijs R., González Delgado R.M., eds., Cambridge (UK), September 2004, Springer: Dordrecht, Vol. 329, p. 157 (astro-ph/0410473)
- (43) **de Grijs R.**, 2004, *Star formation in extreme starburst conditions*, in: Star formation from large to small scales (59th Netherlands Astronomers Conference; invited talk), May 2004, Vlieland (Netherlands)
- (42) **de Grijs R.**, 2004, *Young massive clusters in merging and starburst environments*, in: The Formation and Evolution of Massive Young Clusters, ASP Conf. Ser., Vol. 322, Lamers H.J.G.L.M., Smith L.J., Nota A., eds., Cancún (Mexico), November 2003, ASP: San Francisco, p. 29 (astro-ph/0402377)
- (41) † Anders P., **de Grijs R.**, Fritze-v. Alvensleben U., 2003, *Young star clusters: Lighthouses in the dark*, in: Star Formation at High Angular Resolution, IAU Symp. 221, Burton M., Jayawardhana R., Bourke T., eds. (XXVth General Assembly), July 2003, Sydney (Australia), ASP: San Francisco, P26
- (40) Fritze-v. Alvensleben U., Anders P., **de Grijs R.**, 2003, *Mass Functions of Young Star Cluster Systems*, in: Star Formation at High Angular Resolution, IAU Symp. 221, Burton M., Jayawardhana R., Bourke T., eds. (XXVth General Assembly), July 2003, Sydney (Australia), ASP: San Francisco, P62
- (39) † Anders P., Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *Young star clusters: Clues to galaxy formation and evolution*, in: Recycling Intergalactic and Interstellar Matter, IAU Symp. 217 (XXVth General Assembly), July 2003, Sydney (Australia), ASP: San Francisco, p. 210 (astro-ph/0309158)
- (38) † Anders P., **de Grijs R.**, Fritze-v. Alvensleben U., 2003, *Young star clusters: Metallicity tracer in external galaxies*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 21), July 2003, Sydney (Australia), ASP: San Francisco, p. 929 (astro-ph/0309157)
- (37) † Anders P., Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *Young star clusters: Progenitors of globular clusters?*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 11), July 2003, Sydney (Australia), ASP: San Francisco, p. 378 (astro-ph/0309156)
- (36) **de Grijs R.**, 2003, *Super Star Clusters*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 11), July 2003, Sydney (Australia), ASP: San Francisco, p. 375 (astro-ph/0308232)
- (35) Lançon A., Mouhcine M., Chané E., Smith L.J., Gallagher J.S., Förster Schreiber N., Vacca W., **de Grijs R.**, O’Connell R.W., 2003, *The Spectra of Near-IR Bright Clusters in M82*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 6), July 2003, Sydney (Australia), ASP: San Francisco, p. 209
- (34) † Anders P., Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *Multi-color observations of young star clusters*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 6), July 2003, Sydney (Australia), ASP: San Francisco, p. 201 (astro-ph/0309155)
- (33) Fritze-v. Alvensleben U., Anders P., **de Grijs R.**, 2003, *From Young to Old: Spectral Models for Star Cluster Systems*, in: Highlights of Astronomy Vol. 13, XXVth IAU General Assembly (Joint Discussion 6), July 2003, Sydney (Australia), ASP: San Francisco, p. 193 (astro-ph/0310597)
- (32) **de Grijs R.**, 2003, *Star Cluster Formation in Extreme Starburst Environments*, in: Highlights of Astronomy Vol. 13, XXVth General Assembly (Joint Discussion 6), July 2003, Sydney (Australia), ASP: San Francisco, p. 191 (astro-ph/0308232)

- (31) Gieles M., Bastian N., Lamers H.J.G.L.M., **de Grijs R.**, 2003, *Star cluster disruption in the interacting galaxy M51*, in: 58th Netherlands Astronomers Conference, May 2003, Kleve (Germany), #27
- (30) Bunker A., Smith J., Parry I., Sharp R., Dean A., Gilmore G., Bower R., Swinbank M., Davies R., Metcalf R.B., **de Grijs R.**, 2003, *Integral Field Spectroscopy on Gemini*, in: Euro3D Science Workshop, May 2003, Cambridge (UK), *Astron. Nachr.*, 325, 139 (astro-ph/0401002)
- (29) **de Grijs R.**, Gilmore G.F., Johnson R.A., 2003, *Mass Segregation in Young LMC Clusters*, in: The Local Group as an Astrophysical Laboratory, STScI Symp., May 2003, Baltimore (USA), Livio M., Brown T.M., eds., STScI: Baltimore, p. 20 (astro-ph/0305262)
- (28) Parmentier G., **de Grijs R.**, Gilmore G.F., 2003, *Formation History of the Star Clusters in M82 B*, in: Extragalactic Globular Cluster Systems, ESO Astrophysics Symp., August 2002, Garching bei München (Germany), ed. Kissler-Patig M., Springer: Heidelberg, p. 36
- (27) Anders P., Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *New Evolutionary Synthesis Tool for Modelling Young Star Clusters in Merging Galaxies*, in: Extragalactic Globular Cluster Systems, ESO Astrophysics Symp., August 2002, Garching bei München (Germany), ed. Kissler-Patig M., Springer: Heidelberg, p. 257
- (26) **de Grijs R.**, 2003, *Star Cluster Systems in Interacting and Starburst Galaxies: A Multicolour Approach*, in: Extragalactic Globular Cluster Systems, ESO Astrophysics Symp., August 2002, Garching bei München (Germany), ed. Kissler-Patig M., Springer: Heidelberg, p. 66
- (25) † Anders P., **de Grijs R.**, Fritze-v. Alvensleben U., 2002, *Evolutionary Synthesis Modelling of Young Star Clusters in Merging Galaxies*, in: The Evolution of Galaxies. III. From Simple Approaches to Self-Consistent Models, Euroconference, July 2002, Kiel (Germany), Hensler G. et al., eds., *ApSS*, 284, 937
- (24) Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *Globular Cluster Formation in Mergers: Signatures and Implications*, in: New Horizons in Globular Cluster Astronomy, June 2002, Padova (Italy), Piotto G., Meylan G., Djorgovski S.G., Riello M., eds., ASP: San Francisco, p. 576
- (23) † Anders P., Fritze-v. Alvensleben U., **de Grijs R.**, 2003, *Analysing Multi-Color Observations of Young Star Clusters in Mergers*, in: New Horizons in Globular Cluster Astronomy, June 2002, Padova (Italy), Piotto G., Meylan G., Djorgovski S.G., Riello M., eds., ASP: San Francisco, p. 567
- (22) Parmentier G., **de Grijs R.**, Gilmore G.F., 2003, *The M82B Fossil Starburst*, in: New Horizons in Globular Cluster Astronomy, June 2002, Padova (Italy), Piotto G., Meylan G., Djorgovski S.G., Riello M., eds., ASP: San Francisco, p. 596
- (21) **de Grijs R.**, Gilmore G.F., Johnson R.A., 2003, *Primordial or Dynamical Mass Segregation in Young LMC clusters?*, in: New Horizons in Globular Cluster Astronomy, June 2002, Padova (Italy), Piotto G., Meylan G., Djorgovski S.G., Riello M., eds., ASP: San Francisco, p. 207
- (20) **de Grijs R.**, Fritze-v. Alvensleben U., 2004, *The Virtual Observatory as a Tool to Study Star Cluster Populations in Starburst Galaxies*, in: Toward an International Virtual Observatory, ESO Astrophysics Symp., June 2002, Garching bei München (Germany), Quinn P.J., Górski K.M., eds., Springer: Berlin, p. 259 (astro-ph/0207246)
- (19) Santiago B., Kerber L., Castro R., **de Grijs R.**, 2002, *On the nature of a secondary main sequence turn-off in the rich LMC cluster NGC 1868*, in: xxviii^a Reunião da Sociedade Astronômica Brasileira, p. 26
- (18) **de Grijs R.**, Marengo M., Pietrzyński G., 2003, *VLT/MIDI observations of the circumstellar shell of an AGB star, W Hydrae*, in: Observing with the Very Large Telescope Interferometer, Euro Winter School, February 2002, Les Houches (France), Malbet F., Perrin G., eds., AES Publ. Ser., Vol. 6, p. 253
- (17) **de Grijs R.**, 2002, *Environmental effects on the star formation mode in M82*, in: The Evolution of Galaxies. II. Basic Building Blocks, Euroconference, October 2001, La Réunion (France), Sauvage M., Stasińska G., Schaerer D., eds., *ApSS*, 281, 131
- (16) Eskridge P.B., Taylor V.A., Windhorst R.A., Odewahn S.C., Chiarenza C.A.T., Conselice C.J., **de Grijs R.**, Matthews L.D., O'Connell R.W., Frogel J.A., Gallagher III J.S., 2002, *UV-Optical Pixel Maps of Spiral Galaxies – Clues for Dynamics and Star Formation Histories*, *BAAS* 199, 52.10
- (15) Santiago B., Kerber L., Castro R., Wilkinson M., **de Grijs R.**, Johnson R., Gilmore G., Beaulieu S., 2002, *Analysis of colour-magnitude diagrams of rich LMC clusters: NGC 1831*, in: Extragalactic Star Clusters, IAU Symp. 207, Pucón (Chile), March 2001, Geisler D., Grebel E.K., Minniti D., eds., ASP: San Francisco, p. 525
- (14) **de Grijs R.**, O'Connell R.W., Gallagher III J.S., 2002, *Tidally-induced super star clusters in M82*, in: Extragalactic Star Clusters, IAU Symp. 207, Pucón (Chile), March 2001, Geisler D., Grebel E.K., Minniti D., eds., ASP: San Francisco, p. 477
- (13) Taylor V.A., Windhorst R.A., Chiarenza C.A.T., Odewahn S.C., Conselice C.J., MacKenty J., **de Grijs R.**, de Jong R.S., Eskridge P.B., Frogel J.A., Gallagher III J.S., Kobulnicky H., Hibbard J.E., Matthews L.D., O'Connell R.W., 2001, *Mid-UV HST Imaging of Nearby Late-Type, Irregular, and Peculiar Galaxies*, *BAAS* 197, 134.12
- (12) Chiarenza C.A.T., Windhorst R.A., Taylor V.A., Odewahn S.C., Conselice C.J., MacKenty J., **de Grijs R.**, de Jong R.S., Eskridge P.B., Frogel J.A., Gallagher III J.S., Kobulnicky H., Hibbard J.E., Matthews L.D., O'Connell R.W., 2001, *Mid-UV Imaging of Nearby Early to Mid Type Galaxies as Templates for High Redshift Galaxy Classifications*, *BAAS* 197, 134.11
- (11) Guijarro A., Peletier R.F., **de Grijs R.**, Jiménez J., Battaner E., 2000, *Structure and morphology of disk galaxies with visible and NIR surface photometry*, in: Highlights of Spanish astrophysics II, Proceedings of the 4th Scientific Meeting of the Spanish Astronomical Society (SEA), Dordrecht: Kluwer, Zamorano J., Gorgas J., Gallego J., eds., ISBN 0792369742, p. 129 (2001)

- (10) Guijarro A., Peletier R.F., **de Grijs R.**, Jiménez J., Battaner E., 2000, *Ultra-deep near infrared surface photometry of edge-on disk galaxies*, in: IV Reunión Científica de la Sociedad Española de Astronomía, Dordrecht: Kluwer, ApSSS, 277, 329 (2001)
- (9) Guijarro A., Peletier R.F., **de Grijs R.**, Jiménez J., Battaner E., 2000, *Visible and Near Infrared Photometry of Edge-On Disk Galaxies*, in: Galaxy Disks and Disk Galaxies, Vatican Conference, ASP Conf. Proc. Vol. 230, Funes J.G., Corsini E.M., eds., ISBN 1-58381-063-3, p. 129 (2001)
- (8) **de Grijs R.**, O'Connell R.W., Gallagher III J.S., 2000, *The Fossil Starburst in M82*, BAAS 195, 47.11
- (7) **de Grijs R.**, O'Connell R.W., Gallagher III J.S., 1999, *Evolved Super Star Clusters in M82*, in: Star Formation from the Small to the Large Scale, 33rd ESLAB Symp., ESTEC (the Netherlands), ESA SP-445, Favata F., Kaas A.A., Wilson A., eds., p. 43
- (6) **de Grijs R.**, O'Connell R.W., Gallagher III J.S., 1998, *The Fossil Starburst in M82*, in: The Evolution of Galaxies on Cosmological Timescales, IAC/Euroconf. Proc., Beckman J.E., Mahoney T.J., eds., ApSS, 276, 397 (2001)
- (5) Peletier R.F., **de Grijs R.**, 1997, *Stellar Distributions and NIR Colours of Normal Galaxies* (invited review), in: Extragalactic Astronomy in the Infrared, Mamon G.A., Thuan T.X., Van J.T.T., eds., Editions Frontières, Gif-sur-Yvette, p. 1
- (4) **de Grijs R.**, 1997, *Edge-on Disk Galaxies in the Near-Infrared – Looking through the Dust*, BAAS 190, 13.03D
- (3) **de Grijs R.**, van der Kruit P.C., 1996, *Edge-on Spiral Galaxies: from Optical to Near-Infrared*, in: Spiral Galaxies in the Near-Infrared, ESO/MPI Conf. Ser., ESO: Garching bei München, Minniti D., Rix H.-W., eds., p. 242
- (2) **de Grijs R.**, van der Kruit P.C., 1995, *Edge-on Galaxies – Dust Influence and Thick Disks*, in: Stellar Populations, IAU Symp. 164, van der Kruit P.C., Gilmore G., eds., p. 427
- (1) **de Grijs R.**, van der Kruit P.C., 1994, *The Vertical Light Distributions of Edge-on Galaxies*, in: Physics of the gaseous and stellar disks of the Galaxy, ASP: San Francisco, King I.R., ed., p. 323

4. Books, edited conference volumes, and other professional publications (in reverse order)

- (86) **de Grijs R.**, 2024, *No fitful rest for the ordinary sailor*, Hektoen Int'l, Spring 2024 | History Essays; <https://hekint.org/2024/05/16/no-fitful-rest-for-the-ordinary-sailor/>
- (85) **de Grijs R.**, 2024, *Of toerags and spice boxes: sanitation at sea*, Hektoen Int'l, Spring 2024 | History Essays; <https://hekint.org/2024/04/25/of-toerags-and-spice-boxes-sanitation-at-sea/>
- (84) **de Grijs R.**, 2024, *Wigan's Queen of Spades*, de Grijs R., 2024, Past Forward, 96, 8–9 (Third prize, Barbara O'Neill essay competition 2024)
- (83) **de Grijs R.**, 2024, *Ship fever: A malignant disease of a most dangerous kind?*, Hektoen Int'l, Spring 2024 | Infectious Diseases; <https://hekint.org/2024/04/15/ship-fever-a-malignant-disease-of-a-most-dangerous-kind/>
- (82) **de Grijs R.**, 2024, *A foul "sailor's mouth" of a different kind*, Hektoen Int'l, Winter 2024 | History Essays; <https://hekint.org/2024/04/04/a-foul-sailors-mouth-of-a-different-kind/>
- (81) **de Grijs R.**, 2024, *William Dawes: Deep flaws and sparks of brilliance*, Hektoen Int'l, Winter 2024 | History Essays; <https://hekint.org/2024/03/11/william-dawes-deep-flaws-and-sparks-of-brilliance/>
- (80) **de Grijs R.**, 2024, *The forgotten menace of long naval patrols*, Hektoen Int'l, Winter 2024 | History Essays; <https://hekint.org/2024/01/16/the-forgotten-menace-of-long-naval-patrols/>
- (79) **de Grijs R.**, 2024, *The grim horrors of the orlop deck*, Hektoen Int'l, Winter 2024 | History Essays; <https://hekint.org/2024/01/08/the-grim-horrors-of-the-orlop-deck/>
- (78) **de Grijs R.**, 2023, *"Filth so foul and stench so offensive as not to be imagined"*, Hektoen Int'l, Fall 2023 | History Essays; <https://hekint.org/2023/12/07/filth-so-foul-and-stench-so-offensive-as-not-to-be-imagined/>
- (77) **de Grijs R.**, 2023, *Stand and Deliver! A Comprehensive Account of 'Bold' John Donohoe and his unmerry men*, 2023 Blacktown Mayoral History Prize entry (commendation); *Blacktown Memories*: <https://blacktownmemories.recollect.net.au/nodes/view/18937>
- (76) **de Grijs R.**, 2023, *Don't get me started on 'use' versus 'utilise'...*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1884/>
- (75) **de Grijs R.**, Whitelock, P. A., Catelan, M. (eds), 2024. *At the crossroads of astrophysics and cosmology. Period–luminosity relations in the 2020s*, Proc. IAU Symp. 376. Cambridge, UK: Cambridge University Press.
- (74) **de Grijs R.**, 2023, *Of vermicide and vermifuge: A history of intestinal parasites at sea*, Hektoen Int'l, Summer 2023 | History Essays; <https://hekint.org/2023/07/17/of-vermicide-and-vermifuge-a-history-of-intestinal-parasites-at-sea/>
- (73) Blumenthal K., Venugopal R., **de Grijs R.**, Canas L., Dhurde S., 2023, *Communicating Astronomy with the Public Conference 2022 – At a glance*, Commun. Astron. with the Public J., 32, 4
- (72) **de Grijs R.**, 2023, *The ships' surgeons' toxic toolkit*, Hektoen Int'l, Spring 2023 | Infectious diseases; <https://hekint.org/2023/06/07/the-ships-surgeons-toxic-toolkit/>
- (71) **de Grijs R.**, 2023, *Playing fast and loose with authorship conventions*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1796/>
- (70) **de Grijs R.**, 2023, *Artificial Intelligence Not Yet Intelligent Enough to be a Trusted Research Aid*, Scholarly Kitchen blog post: <https://scholarlykitchen.sspnet.org/2023/04/27/guest-post-artificial-intelligence-not-yet-intelligent-enough-to-be-a-trusted-research-aid/>
- (69) **de Grijs R.**, 2023, *Temporary insanity in tropical waters*, Hektoen Int'l, Spring 2023 | History Essays; <https://hekint.org/2023/05/01/temporary-insanity-in-tropical-waters/>

- (68) **de Grijs R.**, Jacob A., 2023, *William Dawes – Scientist, Governor, Abolitionist: Caught between science and religion*, Springer Biographies; doi: 10.1007/978-3-031-38774-6 [peer reviewed]
 – **de Grijs R.**, August 2023, *Bradfield’s Memorial Plaque and Dawes’ Observatory*, EngineeringHeritage New South Wales; https://ehns.wiki/wiki/Place:Bradfield%27s_Memorial_Plaque_and_Dawes%27_Observatory.
- (67) **de Grijs R.**, 2023, *Can I re(prod)use that figure?*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1768/>
- (66) **de Grijs R.**, 2023, *John and Walter F. Mackenzie, acclaimed Wiganite brothers half a world away*, de Grijs R., 2023, Past Forward, in press
- (65) **de Grijs R.**, 2023, *Should researchers really be worried about ChatGPT?*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1775/>
- (64) **de Grijs R.**, 2022, *Editor’s Grand Challenge in Fundamental Astronomy: Towards statistical accountability*, *Frontiers in Astronomy and Space Sciences*, 9, 1088013
- (63) **de Grijs R.**, 2022, *“All hands to dance and skylark!” – Shipboard dancing in the British Navy*, Hektoen Int’l, *History Essays | Fall 2022*; <https://hekint.org/2022/10/11/all-hands-to-dance-and-sky-lark-shipboard-dancing-in-the-british-navy/>
- (62) **de Grijs R.**, 2022, *Colonial Blacktown’s inspirational ‘firsts’*, 2022 Blacktown Mayoral History Prize entry (first prize); <https://tinyurl.com/297zam4p>; *Blacktown Memories*: <https://blacktownmemories.recollect.net.au/nodes/view/17275>
- (61) **de Grijs R.**, 2022, *How to recognise invitations of a potentially ‘predatory’ nature*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1553/>
- (60) **de Grijs R.**, 2022, *Offensive or Inclusive Language in Scientific Communication?*, Scholarly Kitchen blog post: <https://scholarlykitchen.sspnet.org/2022/03/01/guest-post-offensive-or-inclusive-language-in-scientific-communication/>
- (59) **de Grijs R.**, 2022, *When governments don’t get along, scientists are key*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1517/>
- (58) **de Grijs R.**, 2022, *‘Tenpence’ – A matter of life, death or transportation*, Past Forward, 92, 8–9
- (57) **de Grijs R.**, 2023, *Early star charts of the Dutch East India Company*. In: *Essays on Astronomical History and Heritage. A Tribute to Wayne Orchiston on His 80th Birthday*. Gullberg S.R., and Robertson P., eds. New York: Springer, Ch. 3, 39–55 (arXiv:2302.12992)
- (56) **de Grijs R.**, 2021, *International research collaboration in the “New Normal”*, AuthorAID blog post: <https://www.authoraid.info/en/news/details/1508/>
- (55) **de Grijs R.**, 2021, *“Plague of the Sea, and the Spoyle of Mariners” – A brief history of fermented cabbage as antiscorbutic*, Hektoen Int’l, *History Essays | Spring 2021*; <https://hekint.org/2021/06/17/plague-of-the-sea-and-the-spoyle-of-mariners-a-brief-history-of-fermented-cabbage-as-antiscorbutic/>
- (54) **de Grijs R.**, 2021, *The curious tale of a well-travelled Wigan long-case clock*, Past Forward, 88, 6–7; runner-up in the 2021 Wigan local history essay competition
- (53) **de Grijs R.**, Vuillermin D., Spring 2020, *Christopher Wren and Blood Circulation*, Hektoen Int’l, <https://hekint.org/2019/12/03/christopher-wren-and-blood-circulation/> (honorable mention in their ‘Blood’ essay competition)
- (52) **de Grijs R.**, Vuillermin D., 2019, *Longitudinal Lunacy: Science and Madness in the Eighteenth Century*, Hektoen Int’l, *Psychiatry Psychology*, Spring 2019; <https://hekint.org/2019/05/02/longitudinal-lunacy-science-and-madness-in-the-eighteenth-century/>
- (51) The MSE Science Team; Babusiaux C., Bergemann M., Burgasser A., Ellison S., Haggard D., Huber D., Kaplinghat M., Li T., Marshall J., Martell S., McConnachie A., Percival W., Robotham A., Shen Y., Thirupathi S., Tran K.-V., Yeche C., Yong D., Adibekyan V., Silva Aguirre V., Angelou G., Asplund M., Balogh M., Banerjee P., Bannister M., Barria D., Battaglia G., Bayo A., Bechtol K., Beck P., Beers T.C., Bellinger E.P., Berg T., Bestenlehner J.M., Bilicki M., Bitsch B., Bland-Hawthorn J., Bolton A.S., Boselli A., Boy J., Bragaglia A., Buzasi D., Caffau E., Cami J., Carleton T., Casagrande L., Cassisi S., Catelan M., Chang C., Cortese L., Damjanov I., Davies L., **de Grijs R.**, de Rosa G., Deason A., di Matteo P., Drlica-Wagner A., Erkal D., Escorza A., Ferrarese L., Fleming S.W., Font-Ribera A., Freeman K., Gänsicke B.T., Gabdeev M., Gallagher S., Gandolfi D., García R.A., Gaulme P., Geha M., Gennaro M., Giele M., Gielbert K., Gordon Y., Goswami A., Greco J.P., Grillmair C., Guiglion G., Hénault-Brunet V., Hall P., Handler G., Hansen T., Hathi N., Hatzidimitriou D., Haywood M., Hernández Santisteban J.V., Hillenbrand L., Hopkins A.M., Howlett C., Hudson M.J., Ibata R., Ilić D., Jablonka P., Ji A., Jiang L., Juneau S., Karakas A., Karinkuzhi D., Kim S.Y., Kong X., Konstantopoulos I., Krogager J.-K., Lagos C., Lallement R., Laporte C., Lebreton Y., Lee K., Lewis G.F., Lianou S., Liu X., Lodieu N., Loveday J., Mészáros S., Makler M., Mao Y.-Y., Marchesini D., Martin N., Mateo M., Melis C., Merle T., Miglio A., Gohar Mohammad F., Molaverdikhani K., Monier R., Morel T., Mosser B., Nataf D., Necib L., Neilson H.R., Newman J.A., Nierenberg A.M., Nord B., Noterdaeme P., O’Dea C., Oshagh M., Pace A.B., Palanque-Delabrouille N., Pandey G., Parker L.C., Pawlowski M.S., Peter A.H.G., Petitjean P., Petric A., Placco V., Popović L.Č., Price-Whelan A.M., Prsa A., Ravindranath S., Rich R.M., Ruan J., Rybizki J., Sakari C., Sanderson R.E., Schiavon R., Schimd C., Serenelli A., Siebert A., Siudek M., Smiljanic R., Smith D., Sobeck J., Starkenburg E., Stello D., Szabó G.M., Szabo R., Taylor M.A., Thanjavur K., Thomas G., Tollerud E., Toonen S., Tremblay P., Tresse L., Tsantaki M., Valentini M., Van Eck S., Variu A., Venn K., Villaver E., Walker M.G., Wang Y., Wang Y., Wilson M.J., Wright N., Xu S., Yildiz

- M., Zhang H., Zwintz K., Anguiano B., Bedell M., Chaplin W., Collet R., Cuillandre J.-C., Duc P.-A., Flagey N., Hermes J.J., Hill A., Kamath D., Laychak M.B., Malek K., Marley M., Sheinis A., Simons D., Sousa S.G., Szet K., Ting Y.-S., Vegetti S., Wells L., Babas F., Bauman S., Bosselli A., Côté P., Colless M., Comparat J., Courtois H., Crampton D., Croom S., Davies L., Denny K., Devos D., di Matteo P., Driver S., Fernandez-Lorenzo M., Guhathakurta R., Han Z., Higgs C., Hill V., Ho K., Hudson M., Ibata R., Isani S., Jarvis M., Johnson A., Jullo E., Kaiser N., Kneib J.-P., Koda J., Koshy G., Mignot S., Murowinski R., Newman J., Nusser A., Pancoast A., Peng E., Peroux C., Pichon C., Poggianti B., Richard J., Salmon D., Seibert A., Shastri P., Smith D., Sutaria F., Tao C., Taylor E., Tully B., van Waerbeke L., Vermeulen T., Walker M., Willis J., Willot C., Withington K., 2019, *The Detailed Science Case for the Maunakea Spectroscopic Explorer, 2019 edition*, arXiv:1904.04907
- (50) **de Grijs R.**, Falanga M., eds, 2019, *Astronomical Distance Determination in the Space Age*, Space Science Series of ISSI, Vol. 66, Springer (ISBN 978-94-024-1630-5)
- **de Grijs R.**, Bono G., Matsunaga N., Suyu S.H., Falanga M., 2017, *Editorial: Topical Collection on Astronomical Distance Determination in the Space Age*, Space Sci. Rev., 212, 1739
- (49) **de Grijs R.**, 2018, *My years in China*, Physics World, Careers feature (September 2018): https://prod-physicsworld-iop.content.pugpig.com/blog/2018/08/29/my-years-in-china/pugpig_index.html
- (48) **de Grijs R.**, 2018, *Book Review: Bloody Saturday: Shanghai's Darkest Day (Paul French; Penguin Shorts, 2018)*, New Orleans Review, web feature: <http://www.neworleansreview.org/bloody-saturday-shanghais-darkest-day/>
- (47) **de Grijs R.**, Vuillermin D., 2018, *'Marvailous Cures': Sympathetic Medicine Connecting Europe and China*, Hektoen Int'l, Essays in History, Winter 2018 (<http://hekint.org/2018/03/20/marvailous-cures-sympathetic-medicine-connecting-europe-china/>)
- (46) **de Grijs R.**, 2018, *How to establish productive research collaborations*, AuthorAID advice: <http://www.authoraid.info/en/news/details/1269/>
- (45) Jensen J.B., Rich R.M., **de Grijs R.** (eds), 2018, *Stellar Populations and the Distance Scale*, Astron. Soc. Pac. Conf. Ser., 514 (ISBN 978-1-58381-912-8)
- (44) **de Grijs R.**, (ed.), 2018, *Astronomy at Peking University – The Year in Review 2017*, in prep.
- (43) **de Grijs R.**, 2017, *Time and Time Again: Determination of Longitude at Sea in the 17th Century*, Expanding Physics Series, Institute of Physics Publishing Ltd: Bristol (UK), ISBN: 978-0-7503-1195-3 (print), 978-0-7503-1194-6 (online) [367-page scholarly monograph straddling the sciences and humanities; peer reviewed]
- (42) **de Grijs R.**, 2017, *How to review a paper*, AuthorAID advice: <http://www.authoraid.info/en/news/details/1235/>
- (41) **de Grijs R.**, Eben v. Racknitz I. (eds), 2017, *Journal of the Royal Asiatic Society China*, vol. 77
- **de Grijs R.**, Eben v. Racknitz I., 2017, *Editorial – A new direction for the Journal of the Royal Asiatic Society China*, JRAS China, 77, 1
- (40) **de Grijs R.**, Vuillermin D. 2017, *Measure of the Heart: Santorio Santorio and the Pulsilogium*, Hektoen Int'l, Vol. 9, issue 3, Moments in History, Summer 2017 (arXiv:1702.05211)
- (39) **de Grijs R.**, 2017, *Supervisor's Foreword*, in: *Not-so-simple stellar populations in star clusters*, Li C., Springer: Springer Theses (prize-winning Ph.D. thesis published as a stand-alone book), pp. vii–viii
- (38) **de Grijs R.**, (ed.), 2017, *Astronomy at Peking University – The Year in Review 2016*
- (37) **de Grijs R.**, 2016, *China as a destination for international postdoctoral researchers*, in: Proc. International Symposium on Postdoctoral Systems, p. 149 (Chinese: p. 49), 10–12 December 2016, Zhuhai (Guangdong), China
- (36) **de Grijs R.**, 2016, *Optics sharpen telescope view*, Physics World; specially commissioned article about the Thirty Meter Telescope's adaptive optics system, which appeared in the December 2016 special issue of *Physics World* on technology development in Astronomy and Space Science
- (35) **de Grijs R.**, Na J., 2016, *Taking your Science to 'the Public': Meaningful Engagement with a General Audience*, The Winnower, 3:e147079.95728; doi:10.15200/winn.147079.95728
- (34) McConnachie A., Babusiaux C., Balogh M., Driver S., Côté P., Courtois H., Davies L., Ferrarese L., Gallagher S., Ibata R., Martin N., Robotham A., Venn K., Villaver E., Bovy J., Boselli A., Colless M., Comparat J., Denny K., Duc P.-A., Ellison S., **de Grijs R.**, Fernandez-Lorenzo M., Freeman K., Guhathakurta P., Hall P., Hopkins A., Hudson M., Johnson A., Kaiser N., Kod J., Konstantopoulos I., Koshy G., Lee K.-G., Nusser A., Pancoast A., Peng E., Peroux C., Petitjean P., Pichon C., Poggianti B., Schmid C., Shastri P., Shen Y., Willot C., Croom S., Lallement R., Smit D., Walker M., Willis J., Goswami A., Jarvis M., Jullo E., Kneib J.-P., Newman J., Richard J., Sutaria F., Taylor E., van Waerbeke L., Battaglia G., Haywood M., Sakari C., Seibert A., Thirupathi S., Wang Y.T., Wang Y.P., Babas F., Bauma S., Caffau E., Laychak M.B., Crampton D., Devos D., Flagey N., Han Z., Higgs C., Hill V., Ho K., Isani S., Mignot S., Murowinski R., Pandey G., Salmon D., Simons D., Starkenburg E., Szet K., Tully B., Vermeulen T., Withington K., Arimoto N., Asplund M., Aussel H., Bannister M., Bhatt H., Bhargavi S.S., Blakeslee J., Bland-Hawthorn J., Bullock J., Burgarella D., Chang T.-C., Cole A., Cooke J., Cooper A., Di Matteo P., Favole G., Flores H., Gaensler B., Garnavich P., Gilbert K., Gonzalez-Delgado R., Hasinger G., Herwig F., Hwang N., Jablonka P., Jarvis M., Kamath U., Kewley L., Le Borgne D., Lewis G., Lupton R., Martell S., Mateo M., Mena O., Nataf D., Pérez E., Prada F., Puech M., Recio-Blanco A., Robin A., Saunders W., Smith D., Stalin C.S., Tao C., Thanjuvur K., Tresse L., Wang J.-M., Yong D., Zhao G., Boisse P., Bolton J., Bonifacio P., Bouch F., Cowie L., Cunha K., Deleuil M., de Mooij E., Dufour P., Foucaud S., Glazebrook K., Hutchings J., Kobayashi C., Kudritzki R.-P., Li Y.-S., Lin L., Lin Y.-T., Makler M., Narita N., Park C., Ransom R., Ravindranath S., Eswar R., Sawicki M., Srianand R., Storchi-Bergmann T., Umetsu K., Wang T.-G., Woo J.-H., Wu X.-B., 2016, *The Detailed Science Case for the Maunakea Spectroscopic Explorer: the Composition and Dynamics of the Faint Universe*, arXiv:1606.00043

- (33) **de Grijs R.**, June 2016, *Book Review: China's tunnel vision*, Physics World, p. 38; review of *From the Great Wall to the Great Collider*, Nadis S., Yau S.-T. (International Press 2015)
- (32) **de Grijs R.**, 2016, *Reproducibility in research: How a small field is pioneering a culture of sharing*, The Winnower, 3:e146449.94380; doi:10.15200/winn.146449.94380
- (31) **de Grijs R.**, 2016, *The human face of early modern astronomy in China*, Journal of the Royal Asiatic Society China, 76, 57 (English version of an article previously published in Chinese in *The Amateur Astronomer*; republished with permission)
- (30) Ivanov V.D., Cioni M.-R.L., Bekki K., **de Grijs R.**, Emerson J., Gibson B.K., Kamath D., van Loon J.T., Piatti A.E., For B.-Q., 2016, *Towards a fundamental astrometric reference system behind the Magellanic Clouds: Spectroscopic confirmation of new quasar candidates selected in the near-infrared*, ESO Messenger, 163, 32
- (29) **de Grijs R.**, (ed.), 2016, *Astronomy at Peking University – The Year in Review 2015*
- (28) **de Grijs R.**, Bono G. (eds), 2015, *Stellar Populations 55 years after the Vatican conference*, Proc. Eur. Week Astron. Space Sci. 2012 Symp. 6, Mem. Soc. Astron. It., 86, 150
- (27) Carraro G., **de Grijs R.**, Elmegreen B., Stetson P., Anthony-Twarog B., Goodwin S., Geisler D., Minniti D., 2015, *Division V/Commission 37: Star Clusters and Associations*, Trans. IAU, 29A, 502 (arXiv:1511.00835)
- (26) **de Grijs R.**, 2015, *Ten Simple Rules for Establishing International Research Collaborations*, PLoS Comput. Biol., 11, e1004311 (doi: 10.1371/journal.pcbi.1004311)
- (24) **de Grijs R.**, 2015, *Book Review: Libraries of Western learning for China: Circulation of Western books between Europe and China in the Jesuit Mission (ca. 1650 – ca. 1750). 1. Logistics of book acquisition and circulation; 2. Formation of Jesuit libraries* (Leuven Chinese Studies XXIII and XXVI, Leuven University Press 2012, 2013), in: Journal of the Royal Asiatic Society China, Vol. 25, Ser. 3, p. 538; doi:10.1017/S1356186315000127
- (23) **de Grijs R.**, (ed.), 2015, *Astronomy at Peking University – The Year in Review 2014*
- (22) **de Grijs R.**, (ed.), 2014, *Binary systems, their evolution and environments: Programme and Abstract Book*, talk and poster abstracts of a conference held in Ulaanbaatar (Mongolia), 1–5 September 2014 (<http://mongolia.csp.escience.cn/>)
- (21) Ji L., Werner K., Chang J., Cai M., Cheng F., Cheng J., Fang T., Feng L., Gao Y., Gu Q., **de Grijs R.**, Guo J., Huang M., Kong X., Jiang B., Lei S., Li Z., Liu J., Ruan P., Shan W., Song Q., Tian F., Wang Q.D., Wang T., Wang S., Wu Z., Zhang S., Zhou X., Barstow M.A., Nicastro F., Kappelman N., Lallement R., Richter P., 2014, *UV Emission Mapping of the Intergalactic Medium and Nearby Galaxies*, in: 2nd Workshop on Planning for a Joint Scientific Space Mission – An Initiative of the European Space Agency and the Chinese Academy of Sciences, Copenhagen (Denmark), September 2014
- (20) Barstow M.A., Shi J., Appourchaux T., Avillez M., Bannister N.P., Caswell S.L., Chen F.-Z., Del-Zanna G., Eves S., Gomes L., Gomez de Castro A.-I., **de Grijs R.**, Harper G.M., Harra L., Holberg J., Huang M., Ji L., Jordan C., Kappelman N., Kong X., Kowalski M.P., Lallement R., Lapington J.S., Liddle D., Liu X., de Martino D., Pagano I., Song Q., Schmitt J.H.M.M., Tian F., Wang S., Wang T., Welsh B.Y., Werner K., Yuan Y., Zhu J., 2014, *SIRIUS: Stellar & ISM Research via In-orbit Ultraviolet Spectroscopy*, in: 2nd Workshop on Planning for a Joint Scientific Space Mission – An Initiative of the European Space Agency and the Chinese Academy of Sciences, Copenhagen (Denmark), September 2014
- (19) Hempel M., Minniti D., Dékány I., Saito R.K., Lucas P.W., Emerson J., Ahumada A.V., Aigrain S., Alonso M.V., Alonso-García J., Amôres E.B., Angeloni R., Arias J., Bandyopadhyay R., Barbá R.H., Barbay B., Baume G., Beamin J.C., Bedin L., Bica E., Borissova J., Bronfman L., Carraro G., Catelan M., Clariá J.J., Contreras C., Cross N., Davis C., **de Grijs R.**, Drew J.E., Fariña C., Feinstein C., Fernández Lajús E., Folkes S., Gamen R.C., Geisler D., Gieren W., Goldman B., González O., Gosling A., Gunthardt G., Gurovich S., Hambly N.C., Hanson M., Hoare M., Irwin M.J., Ivanov V.D., Jordán A., Kerins E., Kinemuchi K., Kurtev R., Longmore A., López-Corredoira M., Maccarone M., Martín E., Masetti N., Mennickent R.E., Merlo D., Messineo M., Mirabel I.F., Monaco L., Moni-Bidin C., Morelli L., Padilla N., Palma T., Parisi M.C., Parker Q., Pavani D., Pietrukowicz P., Pietrzyński G., Pignata G., Rejkuba M., Rojas A., Roman-Lopes A., Ruiz M.T., Sale S.E., Saviane I., Schreiber M.R., Schröder A.C., Sharma S., Smith M., Sodr e Jr. L., Soto M., Stephens A.W., Tamura M., Tappert C., Thompson M.A., Toledo I., Valenti E., Vanzi L., Weidmann W., Zoccali M., 2014, *VISTA Variables in the Vía Láctea (VVV): Halfway Status and Results*, ESO Messenger, 155, 24 (arXiv:1406.3241)
- (18) Cioni M.-R.L., Anders P., Bagheri G., Bekki K., Clementini G., Emerson J., Evans C., For B.-Q., **de Grijs R.**, Gibson B., Girardi L., Groenewegen M.A.T., Guandalini R., Gullieuszik M., Ivanov V.D., Kamath D., Marconi M., Marquette J.-B., Miszalski B., Moore B., Moretti M.I., Muraveva T., Napiwotzki R., Oliveira J., Piatti A.E., Ripepi V., Romita K., Rubele S., Sturm R., Tatton B., van Loon J.T., Wilkinson M.I., Wood P.R., Zaggia S., 2013, *The VMC ESO Public Survey*, ESO Messenger, 154, 23 (arXiv:1406.7170)
- (17) *East Asian Regional Office of Astronomy for Development (EA-ROAD) Newsletter*, No. 1, July 2013
- (16) **de Grijs R.** (ed.), 2013, *Advancing the physics of cosmic distances*, Proc. IAU Symp. 289, Cambridge: Cambridge Univ. Press (ISBN 9781107033788)
- (15) Elmegreen B., Carraro G., Hatzidimitriou D., Da Costa G., **de Grijs R.**, Deng L., Lada C., Lee Y.-W., Minniti D., Sarajedini A., 2011, *Commission 37: Star Clusters and Associations*, Trans. IAU T28A, 7, 249
- (14) **de Grijs R.**, 2011, *An Introduction to Distance Measurement in Astronomy*, Wiley Academic Publishers (ISBN 978-0470511794) [advanced undergraduate/postgraduate textbook]

- (13) Cioni M.R., Clementini G., Girardi L., Guandalini R., Gullieuszik M., Miszalski B., Moretti M.-I., Ripepi V., Rubele S., Bagheri G., Bekki K., Cross N., de Blok E., **de Grijs R.**, Emerson J., Evans C., Gibson B., Gonzales-Solares E., Groenewegen M., Irwin M., Ivanov V., Lewis J., Marconi M., Marquette J.-B., Mastropietro C., Moore B., Napiwotzki R., Naylor T., Oliveira J., Read M., Sutorius E., van Loon J., Wilkinson M., Wood P., 2011, *The VISTA near-infrared YJK_s Public Survey of the Magellanic Clouds system (VMC)*, ESO Messenger, 144, 25–31
- (12) Saito R.K., Hempel M., Alonso-García J., Toledo I., Borissova J., González O., Beamin J.C., Minniti D., Lucas P.W., Emerson J.P., Ahumada A.V., Aigrain S., Alonso M.V., Amôres E.B., Angeloni R., Arias J.I., Bandyopadhyay R.M., Barbá R.H., Barbuy B., Baume G.L., Bedin L.R., Bica E., Bronfman L., Carraro G., Casassus S., Catelan M., Clariá J.J., Contreras C., Cross N., Davis C.J., **de Grijs R.**, Dékány I., Drew J.E., Fariña C., Feinstein C., Fernández Lajús E., Folkes S.L., Gamen R.C., Geisler D., Gieren W., Goldman B., Gosling A., Gunthardt G., Gurovich S., Hambly N.C., Hanson M., Hoare M., Irwin M.J., Ivanov V.D., Jordán A., Kerins E., Kinemuchi K., Kurtev R., Longmore A., López-Corredoira M., Maccarone T., Martín E., Masetti N., Mennickent R., Merlo D., Messineo M., Mirabel I.F., Monaco L., Moni Bidin C., Morelli L., Padilla N., Palma T., Parisi M.C., Parker Q., Pavani D., Pietrukowicz P., Pietrzyński, G., Pignata G., Rejkuba M., Rojas A., Roman-Lopes A., Ruiz M.T., Sale S.E., Saviane I., Schreiber M.R., Schröder A.C., Sharma S., Smith M., Sodrè Jr. L., Soto M., Stephens A., Tamura M., Tappert C., Thompson M.A., Valenti E., Vanzi L., Weidmann W., Zoccali M., 2010, *Vista Variables in the Via Láctea (VVV): current status and first results*, ESO Messenger, 141, 24
- (11) Elmegreen B., Carraro G., Hatzidimitriou D., **de Grijs R.**, Minniti D., Lada C., Da Costa G., Tosi M., Deng L., Lee Y.-W., Sarajedini A., 2010, *Commission 37: Star Clusters and Associations*, Trans. IAU, 6, 219
- (10) **de Grijs R.**, Lépine J.R.D. (eds), 2010, *Star clusters: Basic galactic building blocks*, Proc. IAU Symp. 266, Cambridge: Cambridge Univ. Press (ISBN 9780521765995)
- (9) **de Grijs R.** (ed.), 2010, *Star clusters as tracers of galactic star-formation histories*, Phil. Trans. Roy. Soc. A (special issue), vol. 368
- (8) Russo P., **de Grijs R.**, Fienberg R., Fraknoi A., Heck A., Lindberg Christensen L., Mahoney T., Miller S., Murdin P., Wolff S., 2007, *The Journal Communicating Astronomy with the Public*, IAU Division XII Commission 55 Journal Working Group report
- (7) Pérez E., **de Grijs R.**, González Delgado R.M., (eds.), 2009, *Young massive clusters – Initial conditions and environments*, proceedings of a conference held in Granada (Spain), 11-14 September 2007, Astrophys. Space Sci., 324. Foreword (with M. Dopita): p. 77; preface: p. 79
- (6) **de Grijs R.**, 2005, *Young, massive star clusters*, in: The science case for the European Extremely Large Telescope: The next step in mankind’s quest for the Universe, Hook I., Gilmore G., eds., p. 78 (section 4.9)
- (5) **de Grijs R.**, González Delgado R.M., (eds.), 2005, *Starbursts – From 30 Doradus to Lyman Break Galaxies*, proceedings of a conference held in Cambridge (UK), 6-10 September 2004, Astrophysics & Space Science Library, Springer: Dordrecht, Vol. 329 (ISBN 1-4020-3538-1)
- (4) **de Grijs R.**, (ed.), 2004, *Starbursts – From 30 Doradus to Lyman Break Galaxies: Abstract Book*, talk and poster abstracts of a conference held in Cambridge (UK), 6-10 September 2004
- (3) Abraham R., Blum R., Meyer M., Simons D., Tinney C., Wyse R., et al., (incl. **de Grijs R.**), 2003, *Scientific Horizons at the Gemini Observatory: Exploring a Universe of Matter, Energy and Life*, second-generation instrumentation study for the Gemini Observatory, held in Aspen (CO, USA), June 2003
- (2) **de Grijs R.**, 2003, *Book Review: Extragalactic Star Clusters (IAU Symp. 207)*, The Observatory, 123, 165
- (1) Davies J.I., Gilmore G.F., Gilmozzi R., Hawarden T., et al. (incl. **de Grijs R.**), 2001, *The Science Case for Extremely Large Ground-Based Telescopes*, preparatory study for OWL (100m-class ESO telescope concept), held in Leiden (the Netherlands), May 2001 (http://www.astro-opticon.org/leiden_gal.ps)

5. Articles in popular science journals and press releases (in reverse order)

5.1. AstroTalk articles, *The Amateur Astronomer* (bi-monthly four-page news articles)

- (58) **de Grijs R.**, 2024, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, June 2024, in press [*The search for extrasolar water is heating up, literally!*]
- (57) **de Grijs R.**, 2024, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, March 2024, 39–43 [*Black hole “cannon fodder”*]
- (56) **de Grijs R.**, 2023, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, November 2023, 30–35 [*Record-breaking flashes in the sky*]
- (55) **de Grijs R.**, 2023, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, June 2023, 52–56 [*Monster black holes lurking in our cosmic backyard*]
- (54) **de Grijs R.**, 2023, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, March 2023, 38–42 [*The Himalayas in a beer mug*]
- (53) **de Grijs R.**, 2022, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, September 2022, pp. 52–56 [*Black holes galore*]
- (52) **de Grijs R.**, 2022, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, July 2022, pp. 38–44 [*Now you see them, now you don’t: the elusive nature of nearby black holes*]
- (51) **de Grijs R.**, 2022, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, February 2022, pp. 62–66 [*The Universe is composed of mass, energy and ... information?*]

- (50) de Grijs R., 2021, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, September 2021, pp. 52–57 [*Black hole–neutron star mergers*]
- (49) de Grijs R., 2021, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, May 2021, p. 38 [*Galaxy mergers*]
- (48) de Grijs R., 2021, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, February 2021, p. 44 [*Four-hundred-year-old stellar explosions reveal their secrets*]
- (47) de Grijs R., 2020, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, September 2020, p. 39 [*Iron rain and climate change on hot Jupiters*]
- (46) de Grijs R., 2020, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, April 2020, p. 17 [*Explosions galore!*]
- (45) de Grijs R., 2019, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, December 2019, p. 15 [*Atmospheres of planets orbiting distant stars*]
- (44) de Grijs R., 2019, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, August 2019, p. 20 [*The Gaia ‘Sausage’ galaxy*]
- (43) de Grijs R., 2019, *AstroTalk: Behind the news headlines*, The Amateur Astronomer, April 2019, p. 19 [*Our Milky Way is warped and twisted—and it oscillates!*]
- (42) de Grijs R., 2019, *AstroTalk: Behind the news headlines of September–October 2018*, The Amateur Astronomer, January 2019, p. 25 [*Stellar motions reveal unexpected Milky Way history and more*]
- (41) de Grijs R., 2018, *AstroTalk: Behind the news headlines of April–June 2018*, The Amateur Astronomer, September 2018, p. 26 [*Gaia’s second data release: a genuine treasure trove for star hunters*]
- (40) de Grijs R., 2018, *AstroTalk: Behind the news headlines of March 2018*, The Amateur Astronomer, May 2018, p. 19 [*Standard sirens: listening to gravitational waves*]
- (39) de Grijs R., 2018, *AstroTalk: Behind the news headlines of January 2018*, The Amateur Astronomer, March 2018, p. 19 [*Stellar refugees on galactic scales—just blame gravity!*]
- (38) de Grijs R., 2018, *AstroTalk: Behind the news headlines of November 2017*, The Amateur Astronomer, January 2018, p. 27 [*Preparations for James Webb Space Telescope operations offer tantalizing prospects of major breakthroughs*]
- (37) de Grijs R., 2017, *AstroTalk: Behind the news headlines of September 2017*, The Amateur Astronomer, November 2017, p. 17 [*The hunt is on for chemical analysis of atmospheres outside our solar system*]
- (36) de Grijs R., 2017, *AstroTalk: Behind the news headlines of July 2017*, The Amateur Astronomer, September 2017, p. 17 [*Starbirth and violent death: now directly observable in unprecedented detail*]
- (35) de Grijs R., 2017, *AstroTalk: Behind the news headlines of May 2017*, The Amateur Astronomer, July 2017, p. 17 [*Planetary formation in disks of dust and gas unveiled*]
- (34) de Grijs R., 2017, *AstroTalk: Behind the news headlines of March 2017*, The Amateur Astronomer, May 2017, p. 17 [*‘Citizen science’ on the rise*]
- (33) de Grijs R., 2017, *AstroTalk: Behind the news headlines of January 2017*, The Amateur Astronomer, March 2017, p. 16 [*Pulsars—enigmatic objects that remain as mysterious as when they were first discovered...*]
- (32) de Grijs R., 2017, *AstroTalk: Behind the news headlines of November 2016*, The Amateur Astronomer, January 2017, p. 26 [*Pure water in a Japanese mine offers clues to the nature of supernova explosions*]
- (31) de Grijs R., 2016, *AstroTalk: Behind the news headlines of September 2016*, The Amateur Astronomer, November 2016, p. 18 [*The star that didn’t blow up after all*]
- (30) de Grijs R., 2016, *AstroTalk: Behind the news headlines of July 2016*, The Amateur Astronomer, September 2016, p. 20 [*Visualizing dark energy*]
- (29) de Grijs R., 2016, *AstroTalk: Behind the news headlines of May 2016*, The Amateur Astronomer, July 2016, p. 16 [*Supernovae and gravitational lensing: A match made in heaven!*]
- (28) de Grijs R., 2016, *AstroTalk: Behind the news headlines of March 2016*, The Amateur Astronomer, May 2016, p. 16 [*A stellar treasure chest of gold and other heavy elements*]
- (27) de Grijs R., 2016, *AstroTalk: Behind the news headlines of January 2016*, The Amateur Astronomer, March 2016, p. 18 [*Spinning stars giving up their secrets*]
- (26) de Grijs R., 2016, *AstroTalk: Behind the news headlines of November 2015*, The Amateur Astronomer, January 2016, p. 24 [*New developments offer a boost to extragalactic distance determination*]
- (25) de Grijs R., 2015, *AstroTalk: Behind the news headlines of September 2015*, The Amateur Astronomer, November 2015, p. 18 [*Einstein revisited: Searching for the elusive “gravitational waves”*]
- (24) de Grijs R., 2015, *AstroTalk: Behind the news headlines of July 2015*, The Amateur Astronomer, September 2015, p. 18 [*The search for life beyond Earth is heating up!*]
- (23) de Grijs R., 2015, *AstroTalk: Behind the news headlines of May 2015*, The Amateur Astronomer, July 2015, p. 18 [*The oldest Milky Way “globular” star clusters finally give up their secrets!*]
- (22) de Grijs R., 2015, *AstroTalk: Behind the news headlines of March 2015*, The Amateur Astronomer, May 2015, p. 18 [*Cosmological insights from our backyard: the ‘missing satellite problem’ solved?*]
- (21) de Grijs R., 2015, *AstroTalk: Behind the news headlines of January 2015*, The Amateur Astronomer, March 2015, p. 23 [*New insights into the structure of the nearest galaxies in our Local Group*]
- (20) de Grijs R., 2015, *AstroTalk: Behind the news headlines of November 2014*, The Amateur Astronomer, January 2015, p. 31 [*Star clusters as “not-so-simple” stellar populations*]

- (19) de Grijs R., 2014, *AstroTalk: Behind the news headlines of September 2014*, The Amateur Astronomer, November 2014, p. 20 [*Pulsars in X-rays and gamma rays*]
- (18) de Grijs R., 2014, *AstroTalk: Behind the news headlines of July 2014*, The Amateur Astronomer, September 2014, p. 20 [*Development of the Thirty Meter Telescope: opportunities for China*]
- (17) de Grijs R., 2014, *AstroTalk: Behind the news headlines of May 2014*, The Amateur Astronomer, July 2014, p. 30 [*Background to the BICEP2 results and the ensuing controversy*]
- (16) de Grijs R., 2014, *AstroTalk: Behind the news headlines of March 2014*, The Amateur Astronomer, May 2014, p. 20 [*The mirrors and structure of the James Webb Space Telescope*]
- (15) de Grijs R., 2014, *AstroTalk: Behind the news headlines of January 2014*, The Amateur Astronomer, March 2014, p. 20 [*Gaia commissioning*]
- (14) de Grijs R., 2014, *AstroTalk: Behind the news headlines of November 2013*, The Amateur Astronomer, January 2014, p. 40 [*The bulge of the Milky Way*]
- (13) de Grijs R., 2013, *AstroTalk: Behind the news headlines of September 2013*, The Amateur Astronomer, November 2013, p. 22 [*Galactic and stellar winds*]
- (12) de Grijs R., 2013, *AstroTalk: Behind the news headlines of July 2013*, The Amateur Astronomer, September 2013, p. 20 [*The Universe in colour*]
- (11) de Grijs R., 2013, *AstroTalk: Behind the news headlines of May 2013*, The Amateur Astronomer, July 2013, p. 20 [*Breakdown of the Kepler space telescope*]
- (10) de Grijs R., 2013, *AstroTalk: Behind the news headlines of March 2013*, The Amateur Astronomer, May 2013, p. 32 [*Voyager 1 and the edge of the solar system*]
- (9) de Grijs R., 2013, *AstroTalk: Behind the news headlines of January 2013*, The Amateur Astronomer, March 2013, p. 30 [*Gamma-ray bursts*]
- (8) de Grijs R., 2013, *AstroTalk: Behind the news headlines of October and November 2012*, The Amateur Astronomer, January 2013, p. 35 [*Dark energy*]
- (7) de Grijs R., 2012, *AstroTalk: Behind the news headlines of August 2012*, The Amateur Astronomer, October 2012, p. 40 [*The IAU Strategic Plan: Astronomy for a better world*]
- (6) de Grijs R., 2012, *AstroTalk: Behind the news headlines of June 2012*, The Amateur Astronomer, August 2012, p. 28 [*galaxy collisions*]
- (5) de Grijs R., 2012, *AstroTalk: Behind the news headlines of April 2012*, The Amateur Astronomer, June 2012, p. 24 [*Chinese Antarctic astronomy*]
- (4) de Grijs R., 2012, *AstroTalk: Behind the news headlines of February 2012*, The Amateur Astronomer, April 2012, p. 24 [*gravitational lensing*]
- (3) de Grijs R., 2012, *AstroTalk: Behind the news headlines of December 2011*, The Amateur Astronomer, February 2012, p. 22 [*exoplanets*]
- (2) de Grijs R., 2011, *AstroTalk: Behind the news headlines of October 2011*, The Amateur Astronomer, December 2011, p. 20 [*Gaia's gigapixel camera*]
- (1) de Grijs R., Kouwenhoven M.B.N., 2011, *AstroTalk: Behind the news headlines of August 2011*, The Amateur Astronomer, October 2011, p. 20 [*Supernovae Type Ia and stellar-mass black holes*]

5.2. china.org.cn opinion pieces (commissioning agreement December 2016–February 2018)

- (20) de Grijs R., 2021, *Human space exploration gains momentum with China advance*, 1 July 2021: http://www.china.org.cn/opinion/2021-07/01/content_77599700.htm; uncensored version: <http://astro-expat.info/Shenzhou12.pdf>
- (19) de Grijs R., 2020, *Complex Chang'e-5 mission on track to benefit China's spaceflight roadmap and international collaboration*, 7 December 2020: http://www.china.org.cn/opinion/2020-12/07/content_76986127.htm
- (18) de Grijs R., 2019, *Beyond the first thrill of the Chang'e 4 moon landing*, 7 January 2019: http://www.china.org.cn/opinion/2019-01/07/content_74348776.htm
- (17) de Grijs R., 2018, *'Two sessions' are a chance to address science and environment*, 28 February 2018: http://www.china.org.cn/opinion/2018-02/28/content_50622978.htm
- (16) de Grijs R., 2017, *Emigrant return policies may slow 'brain gain' in China*, 14 December 2017: http://www.china.org.cn/opinion/2017-12/14/content_50103088.htm
- (15) de Grijs R., 2017, *Changes in Chinese higher education to benefit the country's workforce*, 27 October 2017: http://www.china.org.cn/opinion/2017-10/27/content_41802500.htm
- (14) de Grijs R., 2017, *'Double first-class' universities plan needs careful thought*, 5 November 2017: http://www.china.org.cn/opinion/2017-11/05/content_41840405.htm
- (13) de Grijs R., 2017, *China pioneers in cybersecurity applications*, 8 August 2017: http://www.china.org.cn/opinion/2017-08/08/content_41368408.htm
- (12) de Grijs R., 2017, *A policy of open scientific data sharing benefits all*, 30 July 2017: http://www.china.org.cn/opinion/2017-07/30/content_41306447.htm
- (11) de Grijs R., 2017, *Continuing allegations of research misconduct require system reform*, 4 June 2017: http://www.china.org.cn/opinion/2017-06/04/content_40953479.htm
- (10) de Grijs R., 2017, *National Space Day aims to inspire the next generation*, 24 April 2017: http://www.china.org.cn/opinion/2017-04/24/content_40678301.htm

- (9) de Grijs R., 2017, *Migrant children miss out on school coverage*, 13 April 2017: http://www.china.org.cn/opinion/2017-04/13/content_40615479.htm
- (8) de Grijs R., 2017, *Chinese government strongly supports high-level expert advice*, 22 March 2017: http://www.china.org.cn/opinion/2017-03/22/content_40485950.htm
- (7) de Grijs R., 2017, *A political ‘perfect storm’ may boost international talent recruitment*, 3 March 2017: http://www.china.org.cn/opinion/2017-03/03/content_40398691.htm; translated into Chinese as a ‘highlight’ article: http://www.china.org.cn/chinese/2017-03/03/content_40399573.htm
- (6) de Grijs R., 2017, *U.S. universities alarmed by declining Chinese graduate enrollments*, 19 February 2017: http://www.china.org.cn/opinion/2017-02/19/content_40308623.htm
- (5) de Grijs R., 2017, *How Chinese universities can achieve world-class status*, 6 February 2017: http://www.china.org.cn/opinion/2017-02/06/content_40229269.htm
- (4) de Grijs R., 2017, *Top-level international talent recruitment remains challenging*, 28 January 2017: http://www.china.org.cn/opinion/2017-01/28/content_40178206.htm
- (3) de Grijs R., 2017, *Science and innovation awards honor key achievements*, 13 January 2017: http://www.china.org.cn/opinion/2017-01/13/content_40096980.htm
- (2) de Grijs R., 2016, *China’s potential as a mature spacefaring nation*, 29 December 2016: http://www.china.org.cn/opinion/2016-12/29/content_40005623.htm
- (1) de Grijs R., 2016, *China’s research regulators step up efforts*, 25 December 2016: http://www.china.org.cn/opinion/2016-12/25/content_39980170.htm

5.3. Other popular science articles

- (64) de Grijs R., 2024, *Japan is about to land its first lunar probe. As more nations race to the Moon, how will we keep the peace?*, The Conversation; <https://theconversation.com/japan-is-about-to-land-its-first-lunar-probe-as-more-nations-race-to-the-moon-how-will-we-keep-the-peace-221223>
- (63) de Grijs R., Kiss L., Szabó R., August 2023, *4.1 IAU Symposium 376: At the Crossroads of Astrophysics and Cosmology: Period–luminosity Relations in the 2020s*, IAU Catalyst, 9, 16; <https://www.iau.org/static/publications/iau-catalyst-09.pdf>
- (62) de Grijs R., 2023, *Russia has declared a new space race, hoping to join forces with China. Here’s why that’s unlikely*, The Conversation; <https://theconversation.com/russia-has-declared-a-new-space-race-hoping-to-join-forces-with-china-heres-why-thats-unlikely-211993>
- (61) de Grijs R., 2023, *Temporary insanity in tropical waters*, All Hands (Australian National Maritime Museum volunteers’ magazine), June 2023, Vol. 123, pp. 35–38
- (60) de Grijs R., 2022, *“All Hands to Dance and Skylark!”*, All Hands, December 2022, Vol. 121, p. 14–16
- (59) de Grijs R., 2020, *Scurvy and Sauerkraut*, All Hands, September 2021, Vol. 116, 14–16
- (58) de Grijs R., 2021, *The Colour of the Universe*, Second prize, 2021 Outstanding Communication on Colour competition, The Colour Group (GB): <https://www.colour.org.uk/the-colour-of-the-universe/>
- (57) de Grijs R., 2020, *Life-changing drum beats*, The Bookends Review, 15 April 2020 issue: <http://thebookendsreview.com/2020/04/15/life-changing-drum-beats/>
- (56) de Grijs R., 2020, *Modern maps and the development of oceanic navigation in East Asia*, All Hands, March 2020, Vol. 110, p. 33; <https://st2.ning.com/topology/rest/1.0/file/get/3988089237>
- (55) de Grijs R., 2019, *Time flies...*, ORCID blog post (5 November 2019): <https://orcid.org/blog/2019/11/04/time-flies>
- (54) de Grijs R., 2019, *We discovered a warped and twisted disc of young, massive stars at the edge of our Milky Way*, The Conversation; <https://theconversation.com/we-discovered-a-warped-and-twisted-disc-of-young-massive-stars-at-the-edge-of-our-milky-way-110985>; Indonesian translation: <https://theconversation.com/kami-temukan-cakram-bengkok-dan-spiral-berisi-bintang-bintang-raksasa-muda-di-ujung-galaksi-bima-sakti-112071>
- (53) de Grijs R., 2018, *Isaac Thuret: celebrated craftsman denied intellectual credit*, arXiv:1807.03489 (competition submission)
- (52) de Grijs R. (PI), Zhang Z., Seegers R. (director), 2017, *The Science of Heaven* (TV documentary, 52 min.); http://v.youku.com/v_show/id_XMjc3NjU5NDA5Mg==.html
- (51) de Grijs R., 2017, *ORCID Board Elections 2018: Applications and Procedures*, ORCID blog post (5 April 2017): <http://orcid.org/blog/2017/04/05/orcid-elections-2018>
- (50) de Grijs R., 2017, *Food for thought and nourishment in Beijing*, Institute of Physics/IOP Life blog (19 February 2017): <http://www.iopblog.org/food-for-thought-and-nourishment-in-beijing/>
- (49) de Grijs R., 2016, *The Science of Heaven*, Physics World blog post, 19 December 2016; <http://blog.physicsworld.com/2016/12/19/the-science-of-heaven/>
- (48) de Grijs R., 2016, *First steps taken towards degree-level astrophysics programme in Mongolia*, Institute of Physics/IOP Life blog (26 August 2016): <http://www.iopblog.org/first-steps-taken-towards-degree-level-astrophysics-programme-in-mongolia/>
- (47) de Grijs R., 2016, *Bringing physics to the migrant children of China*, Institute of Physics/IOP Life blog (3 February 2016): <http://www.iopblog.org/bringing-physics-to-the-migrant-children-of-china/>
- (46) de Grijs R., 2016, *The human face of early modern astronomy in China*, The Amateur Astronomer, February 2016, p. 73

- (45) **de Grijs R.**, 2015, *Bolvormige sterrenhopen, de LEGO-blokjes van het heelal*, Zenit, December 2015, pp. 16–19 (in Dutch) [*Globular clusters, basic building blocks of the Universe*]
- (44) **de Grijs R.**, 2015, *Commission H4: Stellar Clusters Throughout Cosmic Space and Time*, Kai’aleleiaika (“The Milky Way”; IAU XXIXth General Assembly daily newspaper), issue 9, 13 August 2015, p. 21
- (43) **de Grijs R.**, 2015, *How West met East in Chinese astronomy*, Physics World, p. 35 (January; feature article)
- (42) *New approach to science management needed*, feature interview (cover story), Science Weekly, 25 March 2014, p. 18 (<http://www.science-weekly.cn/skhtmlnews/2014/4/2397.html>; in Chinese)
- (41) *Herinneringen aan studeren in Groningen*, Radio Noord (Groningen) interview with Marc Wiers (presenter of ‘Op Noord’), 5 February 2014, celebrating 400 years of the University of Groningen
- (40) *A simple view of gravity does not fully explain the distribution of stars in crowded clusters*, Kavli Foundation/Peking University press release, 20 February 2013 – <http://www.kavlifoundation.org/kavli-news/KIAA-simple-view-gravity-crowded-clusters>
- (39) *A Jumble of Exotic Stars: New VISTA snap of star cluster 47 Tucanae*, ESO/VMC science team photo release (eso1302), 10 January 2013 – <http://www.eso.org/public/news/eso1302/>
- (38) **de Grijs R.**, 2012, *Sessions for Journal Authors and Referees Accompany International Astronomical Union General Assembly*, guest blog 16 September 2012, AuthorAID (<http://www.authoraid.info/news/guest-post-sessions-for-journal-authors-and-referees-accompany-international-astronomical-union-general-assembly>)
- (37) Kouwenhoven M.B.N., **de Grijs R.**, 2012, *Peking University – Department of Astronomy*, Inquiries of Heaven (IAU XXVIIIth General Assembly daily newspaper), 28 August 2012, p. 2
- (36) **de Grijs R.**, Bono G., 2012, *IAUS 289: Advancing the physics of cosmic distances*, Inquiries of Heaven, 27 August 2012, p. 1
- (35) *A rare chance to learn about science*, Institute of Physics/Royal Society of Chemistry/Migrant Children’s Foundation press release (21 April 2012) – http://www.chinadaily.com.cn/china/2012-04/21/content_15107331.htm; see also China Radio International video feature: <http://english.cri.cn/7146/2012/05/10/2361s698561.htm> or http://v.youku.com/v_show/id_XMzk0MjQ5NTc2.html
- (34) **de Grijs R.**, 2011, *From our Readers: Kavli Institute for Astronomy and Astrophysics (KIAA) at Peking University*, European Union Science and Technology Fellowships Newsletter 22 (August 2011)
- (33) *VISTA finds 96 star clusters hidden behind dust*, ESO/VVV team press release (3 August 2011) – <http://www.eso.org/public/news/eso1128/>
- (32) **de Grijs R.**, 2011, *On working with copy editors*, guest blog 2 July 2011, AuthorAID (<http://www.authoraid.info/en/news/details/435/>)
- (31) Interview (with Doug Lin) in *Physics World*, July 2011: *Breaking the mould of Chinese science*, pp. 12–13
- (30) **de Grijs R.**, 2011, *Birth, evolution and death of stellar clusters*, interview in relation to the conference *Stellar Clusters and Associations: A RIA Workshop on Gaia* (<http://www.youtube.com/watch?v=vrDzblYrv8g>)
- (29) **de Grijs R.**, 2011, *The role of the journal editor*, guest blog 15 March 2011, AuthorAID (<http://www.authoraid.info/en/news/details/327/>)
- (28) **de Grijs R.**, 2011, *Een renaissance van de Chinese sterrenkunde?* (Chinese astronomy reborn?), Zenit, 264–270 (June)
- (27) *VISTA stares deeply into the Blue Lagoon*, ESO/VVV team press release (5 January 2011) – <http://www.eso.org/public/news/eso1101/>
- (26) Interview on Guizhou Satellite Television on *Black holes, UFOs, time travel and extraterrestrial life*, 19 December 2010.
- (25) **de Grijs R.**, 2009, *Think Audience!* (<http://www.southernscience.co.za/astronomystars/media01.php>), in: *Astronomy Stars – Working with the Media* (<http://www.southernscience.co.za/astronomystars/index.php>)
- (24) **de Grijs R.**, Lépine J., 2009, *Star clusters: Basic galactic building blocks*, Estrela d’Alva (IAU XXVIIth General Assembly daily newspaper), 10 August 2009, p. 3
- (23) *Look into the dark skies of Yorkshire*, press release, University of Sheffield and **R. de Grijs**; 11 March 2009 (<http://www.shef.ac.uk/mediacentre/2009/1187.html>)
- (22) Hughes D.W., **de Grijs R.**, 2008, *Le dieci più importanti ‘conquiste’ astronomiche del Novecento*, *Giornale di Astronomia*, 34, 2-12 – translation into Italian of CAPj, 1, 11-17 (2007)
- (21) *Making galaxy soup: When galaxies collide*, BBC Radio York interview with Jonathan Cowap, 14 May 2007, highlighting *The British Association for the Advancement of Science Lecture I* was invited to give on 15 May 2007 to the Yorkshire Philosophical Society
- (20) *X-ray satellites catch magnetar in gigantic stellar hiccup*, press release, ESA, NASA (Chandra X-ray Center), California Institute of Technology and M. Muno et al. (incl. **R. de Grijs**); 4 April 2007
- (19) Gehring G., Cartwright S.L., **de Grijs R.**, Lidzey D., Marks A., 2007, *Physics in Primary Schools*, EPSRC / Institute of Physics (IoP) / Physicists and Primary Schools Project; website hosting at http://www.iop.org/activity/outreach/Resources/Physicists_and_Primary_Schools_Project/page_5784.html (or type `primary schools` into the search engine at <http://www.iop.org>)
- (18) *UCLA Astronomers Discover Neutron Star Where a Black Hole Was Expected*, press release, University of California at Los Angeles, NASA and M. Muno et al. (incl. **R. de Grijs**); 2/3 November 2006
- (17) **de Grijs R.**, Hughes D.W., 2006, (*Letters:*) *Big breakthroughs of the 21st century*, *Astronomy & Geophysics*, 47, 6.8

- (16) **de Grijs R.**, Cartwright S.L., Firth C.D. (producer), 2006, *The dynamical Milky Way*, introductory and advanced teaching and outreach films, The University of Sheffield, Learning Development & Media Unit, product ID: 5025 DVD-video / 5026 CD-ROM
 - (15) Deiters S., Heggie D., 2006, *The Life and Death of Star Clusters*, The Observatory, 126, 251 – report of a meeting at the Royal Astronomical Society (London, UK) that I organised on 13 January 2006.
 - (14) *Discussing Hubble's uncertain future*, University of Sheffield press release (28 September 2005)
 - (13) *Einstein inspires local kids to be artists and scientists*, University of Sheffield press release (11 May 2005)
 - (12) **de Grijs R.**, 2005, *Op zoek naar de voorlopers van de oude bolvormige sterrenhopen* (Seeking the progenitors of old globular clusters), *Zenit*, pp. 270–279 (June)
 - (11) *Hit-and-Run: A Cosmic Collision* – A space-based teaching project developed by Mike Cripps at Neatherd High School and Dereham 6th-form College in Norfolk (UK), based on my work on M82; see http://www.neatherd.org/astronomy/SOS/HST_M81.htm
 - (10) *Blasting supernova bubbles in nearby galaxy*, ESA (heic0402), NASA (STScI-2004-06) and University of Sheffield press release, Peter Anders, **Richard de Grijs** and Uta Fritze-v. Alvensleben (2 February 2004)
 - (9) *Missing link found between old and young star clusters: Ancestors of the globular clusters discovered*, Joint University of Cambridge and NOVA press release, **Richard de Grijs**, Henny Lamers and Nate Bastian (6 January 2003)
 - (8) *When Galaxies Collide – Violent Star Formation in Interacting Galaxies*, feature interview on *Einstein Television* (UK satellite), Spring 2002
 - (7) *Hubble Reveals Ultraviolet Galactic Ring*, STScI-PR01-37; NASA, the Hubble Heritage Team and the **HST mid-UV Team** (1 November 2001)
 - (6) Our team contributed to *A Galaxy Blazes With Star Formation*, STScI-PR01-26, Hubble Heritage Team and Meurer et al. (6 September 2001)
 - (5) **de Grijs R.**, 2001, *Timing a starburst: the role of galactic interactions in starting stars*, *Astronomy & Geophysics*, 42(2), 2.6
 - (4) *Hubble Spies Huge Clusters of Stars Formed by Ancient Collision*, STScI (STScI-PR01-08)/ESA (heic0103); NASA, ESA and **R. de Grijs** (7 March 2001)
 - (3) *Ultraviolet Galaxies*, STScI-PR01-02; NASA, R. Windhorst and the **HST mid-UV Team** (11 January 2001)
 - (2) **de Grijs R.**, 2000, *Messier 82: Actieve stervorming in close-up* (Messier 82: Active star formation in close-up), *Zenit*, pp. 11–14 (January)
 - (1) **de Grijs R.**, 1999, *Sigaren, sombrero's en spiralen: Sterrenstelsels in zijaanzicht* (Cigars, sombreros and spirals: Galaxies seen edge-on), *Zenit*, pp. 464–469 (November)
- See <http://astro-expat.info/papers.html> for a fully linked bibliography ...
- ... and <http://astro-expat.info/press.html> for links to press releases and press coverage.