

Publication list

September 2020

Refereed Publications

1. “*Rotation of Hot Horizontal-Branch Stars in the GCs NGC 1904, NGC 2808, NGC 6093 and NGC 7078*”
Recio-Blanco A., Piotto G., Aparicio A. & Renzini A. 2002, ApJL , 572, 71
2. “*A New Feature along the Extended Blue Horizontal Branch of NGC 6752.*”
Momany Y., Piotto G., Recio-Blanco A., Bedin L. R., Cassisi S. & Bono G., 2002, ApJL, 576, 65.
3. “*HST color-magnitude diagrams of 74 galactic globular clusters in the HST F439W and F555W bands.*”
Piotto G., King I. R., Djorgovski S. G., Sosin C., Zoccali M., Saviane I., De Angeli F., Riello M., Recio Blanco A., Rich R. M., Meylan G. & Renzini A., 2002, A&A, 391, 945.
4. “*Why Hot Horizontal Branch Stars Can Appear Redder Than Red Giants?*”
Momany Y., Cassisi S., Piotto G., Bedin L., Ortolani S., Castelli F. & Recio-Blanco A. 2003, A&A, 407, 303
5. “*The red giant branch luminosity function bump.*”
Riello M., Cassisi S., Piotto G., Recio-Blanco A., De Angeli F., Salaris M., Pietrinferni A. Bono G. & Zoccali M., 2003, A&A, 410, 553
6. “*Rotation velocities of hot horizontal branch stars in the globular clusters NGC 1904, NGC 2808, NGC 6093, and NGC 7078: the database*”
Recio-Blanco A., Piotto G., Aparicio A. & Renzini A. 2004, A&A, 417, 597
7. “*Blue hook stars in the massive globular cluster M54*”
Rosenberg A., Recio-Blanco A., Garcia M., 2004, ApJ, 603, 135
8. “*The ubiquitous nature of the Horizontal Branch second U-jump. A link with the Blue Hook scenario?*”
Momany Y., Bedin L.R., Piotto G., Cassisi S., Recio-Blanco A., Ortolani S., De Angeli F. & Castelli F. 2004, A&A, 420, 605
9. “*Relative Frequencies of Blue Stragglers in Galactic GCs: Constraints for the Formation Mechanisms*”
Piotto G., De Angeli F., King I. R., Djorgovski S. G., Bono G., Cassisi S., Meylan G., Recio-Blanco A., Rich M.R., Davies M. B., 2004, ApJL, 604, 109
10. “*A homogenous set of globular cluster relative distances and reddenings*”
Recio-Blanco A., Piotto G., De Angeli F., Riello M., Bono G., Cassisi S., Zoccali M. & Aparicio A., 2005, A&A, 432, 851
11. “*Metallicities on the double main sequence of Omega Centauri imply large helium enhancement*”
Piotto G., Villanova S., Bedin L.R., Gratton R.G., Cassisi S., Momany Y., Recio-Blanco A., Lucatello S., Anderson J., King I.R., Pietringerni A., Carraro G., 2004, ApJ, 621, 777
12. “*Abundance Anomalies in Hot Horizontal Branch Stars of the Galactic Globular Cluster NGC1904*”
Fabbian D., Recio-Blanco A., Gratton R.G., Piotto G., 2005, A&A, 434, 235
13. “*Galactic globular cluster relative ages. II*”
De Angeli, F., Piotto, G., Cassisi, S., Busso, G., Recio-Blanco, A., Salaris, M., Aparicio, A., Rosenberg, A., 2005, AJ, 130, 116
14. “*Spectroscopic survey of the Galaxy with Gaia II. The expected science yield from the Radial Velocity Spectrometer*”
Wilkinson, M.I.,..., Recio-Blanco, A. et al., 2005, MNRAS, 359, 1306

15. “*Multivariate analysis of globular cluster horizontal branch morphology: searching for the second parameter problem*”
Recio-Blanco, A., Aparicio, A., Piotto, G. and De Angeli, F., Djorgovski, G., 2006, A&A, 452, 875
16. “*Precise Reddening and Metallicity of NGC6752 from FLAMES spectra*”
Gratton, R., Bragaglia, A., Carretta, E., Lucatello, S., Momany, Y., Piotto, G., Recio-Blanco, A., 2005, A&A, 442, 947
17. “*A lack of close binaries among hot horizontal branch stars in NGC6752*”
Moni-Bidin, C., Moehler, S., Piotto, G., Recio-Blanco, A., Momany, Y., Méndez, R.A., 2006, A&A, 451, 499
18. “*Na-O Anticorrelation and HB I. The Na-O anticorrelation in NGC 2808*”
Carretta, E., Bragaglia, A., Gratton, R.G., Leone, F., Recio-Blanco, A., Lucatello, S., 2006, A&A, 450, 523.
19. “*Lithium abundances for early F stars: New observational constraints for the Li dilution.*”
Jasniewicz, G., Recio-Blanco, A., de Laverny, P., Parthasarathy, M., De Medeiros, J.R., 2006, A&A, 453, 717.
20. “*Abundance anomalies in hot horizontal branch stars of the Galactic globular cluster NGC 2808.*”
Pace, G., Recio-Blanco, A., Piotto, G., Momany, Y., 2006, A&A, 452, 493
21. “*Automated derivation of stellar atmospheric parameters and chemical abundances: the MATISSE algorithm*”
Recio-Blanco, A., Bijaoui, A. & de Laverny, P., 2006, MNRAS, 370, 141
22. “*On the extra-mixing efficiency in low metallicity RGB stars*”
Recio-Blanco, A. and de Laverny, P., 2007, A&A 461, L 13
23. “*Na-O Anticorrelation and HB. VI. The chemical composition of the peculiar bulge globular cluster NGC 6388*”
Carretta, E., Bragaglia, A., Gratton, R.G., Momany, Y., Recio-Blanco, A., 2007, A&A, 464, 967
24. “*Na-O Anticorrelation and HB. V. The Na-O anticorrelation in NGC 6441 from Giraffe spectra*”
Gratton, R.G., ..., Recio-Blanco, A. et al., 2007, A&A, 464, 953
25. “*The multiplicity of the subgiant branch of ω Centauri: Evidence for prolonged star formation*”
Villanova, S., Piotto, G., King, I.R., Anderson, J., Bedin, L.R., Gratton, R.G., Cassisi, S., Momany, Y., Bellini, A., Cool, A.M., Recio-Blanco, A., Renzini, A., 2007, ApJ, 663, 296
26. “*Radial velocities of open stellar clusters: A new solid constraint favoring Tsallis maximum entropy theory*”
Carvalho, J.C., Soares, B.B., Canto Martins, B.L., do Nascimento, J.D., Recio-Blanco, A., De Medeiros, J.R., 2007, Physica A: Statistical Mechanics and its Applications, Vol. 384, Issue 2, pag. 507
27. “*A new spin for understanding the peculiar horizontal branch morphology of the Galactic GCs NGC6388 and NGC6441*”
Busso, G., ..., Recio-Blanco, A. et al., 2007, A&A, 474, 105
28. “*Spectroscopy of horizontal branch stars in NGC6752 - Anomalous results on atmospheric parameters and masses*”
C. Moni Bidin, S. Moehler, G. Piotto, Y. Momany, A. Recio-Blanco, 2007, A&A, 474, 505
29. “*The Link between Chemical Anomalies along the RGB and the Horizontal Branch Extension in Globular Clusters*”
Carretta, E.; Recio-Blanco, A.; Gratton, R. G.; Piotto, G.; Bragaglia, A., 2007, ApJL, 671, 125
30. “*Doppler search for exoplanet candidates and binaries in the CoRoT fields using a multifiber spectrograph I: global analysis and first results*”
Loeillet, B., ..., Recio-Blanco, A. et al., 2008, A&A 479, 865
31. “*Fluorine in AGB Carbon Stars Revisited*”
Abia, C., Recio-Blanco, A., de Laverny, P., Cristallo, S., Dominguez, I., Straniero, O., 2009, ApJ 694, 971

32. “*The Lack of Binaries Among Hot Horizontal Branch Stars: M80 and NGC5986*”
Moni Bidin, C.; Moehler, S.; Piotto, G.; Momany, Y.; Recio-Blanco, A., 2009, A&A, 498, 737
33. “*Na-O Anticorrelation and HB. VII. The chemical composition of first and second generation stars in 15 globular clusters from GIRAFFE spectra*”
Carretta, E., Bragaglia, A., Gratton, R.G.,...Recio-Blanco, A., et al., 2009, A&A, 505, 117
34. “*An overview of the rotational behavior of metal-poor stars along the Hertzsprung-Russel diagram.*”
Cortes, C.; da Silva, J.; Recio-Blanco, A.; Catelan, M.; do Nascimento, J.D., de Medeiros, J.R., 2009 ApJ, 704, 750
35. “*BVRIJHK photometry and proper motion analysis of NGC 6253 and of the surrounding field*”
Montalto, M.; Piotto, G.; Desidera, S.; Platais, I.; Carraro, G.; Momany, Y.; De Marchi, F.; Anderson, J.; Recio-Blanco, A., 2009, A&A, 505, 1129
36. “*Fluorine Abundances in AGB Carbon Stars: New Results?*”
Abia, C.; de Laverny, P.; Recio-Blanco, A.; P., Cristallo, S.; Dominguez, I.; Straniero, O., 2009, PASA, 26, 351
37. “*Properties of stellar generations in globular clusters and relations with global parameters*”
Carretta, E.; Bragaglia, A.; Gratton, R.G.; Recio-Blanco, A.; Lucatello, S.; D’Orazi, V.; Cassisi, S., 2010, A&A, 516, 55
38. “*Stellar characterization of the CoRoT/Exoplanet fields with MATISSE*”
Gazzano, J.C.; de Laverny, P.; Deleuil, M.; Recio-Blanco, A.; et al., 2010, A&A, 523, 91
39. “*Fluorine abundances in Galactic AGB stars*”
Abia, C.; K. Cunha; S. Cristallo; P. de Laverny; I. Domínguez; K. Eriksson; L. Gialanella; K. Hinkle; G. Imbriani; Recio-Blanco, A.; V. Smith, 2010, ApJL, 715, 94
40. “*The First Fluorine Abundance Determinations in Extragalactic Asymptotic Giant Branch Carbon Stars*”
Abia, C.; Cunha, K.; Cristallo, S.; de Laverny, P.; Domínguez, I.; Recio-Blanco, A.; Smith, V. V.; Straniero, O., 2011, ApJL, 737, 8
41. “*Automatic stellar parametrisation in the IR CaII triplet region*”
Kordopatis, G., Recio-Blanco A., de Laverny, P., Bijaoui, A., Hill, V., Gilmore, G., Wyse, R.M., Ordenovic, C., 2011, A&A, 535, 106
42. “*A spectroscopic survey of Thick Disc stars outside the solar neighbourhood*”
Kordopatis, G., Recio-Blanco A., de Laverny, P., Gilmore, G., Hill, V., Wyse, R.M., Helmi, A., Bijaoui, A., Zoccali, M., Bienaymé, O., 2011, A&A, 535, 107
43. “*An overview of parameter estimation methods from a model grid in astrophysics*”
Bijaoui, A., Recio-Blanco A., de Laverny, P., Ordenovic, C., 2012, Statistical Methodology, vol. 9, p. 55
44. “*Fluorine abundances in dwarf stars of the solar neighbourhood*”
Recio-Blanco A., de Laverny, P., C. Worley, N. Santos, C. Melo, 2012, A&A, 538, 117
45. “*The AMBRE Project: Stellar parameterisation of the ESO:FEROS archived spectra*”
C. Worley, P. de Laverny, A. Recio-Blanco, V. Hill, A. Bijaoui, C. Ordenovic, 2012, A&A, 542, 48
46. “*The AMBRE project: A new synthetic grid of high-resolution FGKM stellar spectra*”
P. de Laverny, Recio-Blanco A., C.C. Worley, B. Plez, 2012, A&A, 544, 126
47. “*Comparative modelling of the spectra of cool giants*”
T. Lebzelter, U. Heiter, ..., Recio-Blanco A., et al., 2012, A&A, 547, 108
48. “*Characterisation of the Galactic Thin Disc with CoRoT targets*”
Gazzano, J.-C., Kordopatis, G., Deleuil, M., de Laverny, P., Hill, V., Recio-Blanco, A., 2013, A&A, 550, 125

49. “*Fluorine abundances and the puzzle of globular cluster chemical history*”
P. de Laverny & [Recio-Blanco A.](#), 2013, *A&A*, 555, 121
50. “*The Gaia astrophysical parameters inference system (Apsis). Pre-launch description*”
C. Bailer-Jones, ..., [Recio-Blanco A.](#), et al., 2013, *A&A*, 559, 74
51. “*The Radial Velocity Experiment (RAVE): Fourth Data Release*”
G. Kordopatis, ..., [Recio-Blanco A.](#), et al., 2013, *A&A*, 146, 134
52. “*Revisited fluorine abundances in the globular cluster M 22*”
de Laverny, P. & [Recio-Blanco A.](#), 2013, *A&A*, 560, 74
53. “*The Gaia-ESO Survey: Reevaluation of the parameters of the open cluster Trumpler 20 using photometry and spectroscopy*”
Donati, P.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 561, 94
54. “*The Gaia-ESO Survey: Abundance ratios in the inner-disk open clusters Trumpler 20, NGC 4815, NGC 6705*”
Magrini, L.; Randich, S.; Romano, D.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 563, 44
55. “*The Gaia-ESO Survey: Kinematic structure in the Gamma Velorum cluster*”
Jeffries, R. D.; Jackson, R. J.; Cottaar, M.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 563, 94
56. “*Gaia-ESO Survey: Properties of the intermediate age open cluster NGC 4815*”
Friel, E. D.; Donati, P.; Bragaglia, A.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 563, 117
57. “*Gaia FGK benchmark stars: Metallicity*”
Jofré, P.; Heiter, U.; Soubiran, C.; Blanco-Cuaresma, S.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 564, 133
58. “*Global and Nonglobal Parameters of Horizontal-branch Morphology of Globular Clusters*”
Milone, A. P.; Marino, A. F.; Dotter, A.; ..., [Recio-Blanco A.](#), et al., 2014, *ApJ*, 785, 21
59. “*The Gaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk*”
Bergemann, M.; Ruchti, G. R.; Serenelli, A.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 565, 89
60. “*The Gaia-ESO Survey: processing FLAMES-UVES spectra*”
Sacco, G. G.; Morbidelli, L.; Franciosini, E.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 565, 113
61. “*Gaia-ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-6810 Å in the γ Velorum cluster, and calibration of spectral indices*”
Damiani, F.; Prisinzano, L.; Micela, G.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 566, A50
62. “*The Gaia-ESO Survey: the Galactic Thick to Thin Disc transition*”
[Recio-Blanco A.](#); de Laverny, P.; Kordopatis, G., et al. 2014, *A&A*, 567, A5
63. “*The Gaia-ESO Survey: the first abundance determination of the pre-main-sequence cluster Gamma Velorum*”
Spina, L.; Randich, S.; Palla, F.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 567, A55
64. “*The Gaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region*”
Spina, L.; Randich, S.; Palla, F.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 568, 2
65. “*The Gaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region*”
Cantat-Gaudin, T.; Vallenari, A.; Zaggia, S.; ..., [Recio-Blanco A.](#), et al., 2014, *A&A*, 569, 17
66. “*The Gaia-ESO Survey: metallicity and kinematic trends in the Milky Way bulge*”
Rojas-Arriagada, A.; [Recio-Blanco A.](#); Hill, V. et al., 2014, *A&A*, 569, 103

67. “*The Gaia-ESO Survey: the chemical structure of the Galactic discs from first internal data release*”
Mikolaitis, S.; Hill, V.; [Recio-Blanco A.](#) et al., 2014, A&A, 572, 33
68. “*The AMBRE Project: Parameterisation of FGK-type stars from the ESO:HARPS archived spectra*”
De Pascale, M.; Worley, C.; de Laverny, P.; [Recio-Blanco A.](#); Hill, V. & Bijaoui, B., 2014, A&A, 570, 68
69. “*The Gaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars*”
Smiljanic, R.; Korn, A.; Bergemann, M.; ...,[Recio-Blanco A.](#), et al., 2014, A&A, 570, 122
70. “*The Gaia-ESO Survey: the most metal-poor stars in the Galactic bulge*”
Howes, L.; Asplund, M.; Casey, A.M.; ...,[Recio-Blanco A.](#), et al., 2014, MNRAS, 445, 4241
71. “*The Gaia-ESO Survey: Extracting diffuse interstellar bands from cool star spectra, DIB-based interstellar medium line-of-sight structures at the kpc scale*”
Puspitarini, L.; Lallement, R.; Babusiaux, C.;...,[Recio-Blanco A.](#), et al., 2014, A&A, 573, 35
72. “*The Gaia-ESO Survey: alpha-abundances of metal-poor stars*”
Jackson-Jones, R.; Jofr, P.; Hawkins, K.;...,[Recio-Blanco A.](#), et al., 2014, A&A, 571, 5
73. “*The Gaia-ESO Survey: CNO abundances in the open clusters Trumpler 20, NGC 4815, and NGC 6705*”
Tautvaisienė, G.; Drazdauskas, A.; Mikolaitis, S.;...,[Recio-Blanco A.](#), et al., 2015, A&A, 573, 55
74. “*The Gaia-ESO Survey: Kinematics of seven Galactic globular clusters*”
Lardo, C.; Pancino, E.; Bellazzini, M.;...,[Recio-Blanco A.](#), et al., 2015, A&A, 573, 115
75. “*The Gaia-ESO Survey: A globular cluster escapee in the Galactic halo*”
Lind, K.; Koposov, S. E.; Battistini, C.; ...,[Recio-Blanco A.](#), et al., 2015, A&A, 575, 12
76. “*The Gaia-ESO Survey: Tracing interstellar extinction*”
Schultheis, M.; Kordopatis, G; [Recio-Blanco A.](#); de Laverny, P., et al., 2015, A&A, 577, 77
77. “*The Gaia-ESO Survey: Detailed abundances in the metal-poor globular cluster NGC 4372*”
San Roman, I.; Muoz, C.; Geisler, D.; ...,[Recio-Blanco A.](#), et al., 2015, A&A, 579, 6
78. “*The Gaia-ESO Survey: a quiescent Milky Way with no significant dark/stellar accreted disc*”
Ruchti, G. R.; Read, J. I.; Feltzing, S.; ...,[Recio-Blanco A.](#), et al., 2015, MNRAS, 450, 2874
79. “*The Gaia-ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities*”
Jackson, R. J.; Jeffries, R. D.; Lewis, J.; ...,[Recio-Blanco A.](#), et al., 2015, A&A, 580, 75
80. “*The Gaia-ESO Survey: Insights into the inner-disc evolution from open clusters*”
Magrini, L.; Randich, S.; Donati, P.; ...,[Recio-Blanco A.](#), et al., 2015, A&A, 580, 85
81. “*Gaia FGK benchmark stars: abundances of alpha and iron-peak elements*”
Jofré, P.; Heiter, U.; Soubiran, C.;...,[Recio-Blanco A.](#), et al., 2015, A&A, 582, 81
82. “*The Gaia-ESO Survey: New constraints on the Galactic disc velocity dispersion and its chemical dependencies*”
Guiglion, G.; [Recio-Blanco A.](#); de Laverny, P.; Kordopatis, G. et al. 2015, A&A, 583, 91
83. “*Stellar parametrization from Gaia RVS spectra*”
[Recio-Blanco A.](#); de Laverny, P.; Allende Prieto, C.; Fustes, D.; Manteiga, M., Arcay, B.; Bijaoui, A.; Dafonte, C.; Ordenovic, C. and Ordoñez Blanco, D., 2016, A&A, 585, 93
84. “*The Gaia-ESO Survey: Separating disk chemical substructures with cluster models. Evidence of a separate evolution in the metal-poor thin disk*”
Rojas-Arriagada, A., G.; [Recio-Blanco A.](#); de Laverny, P.; Kordopatis, G. et al. 2016, A&A, 586, 39

85. “*The Gaia-ESO Survey: Sodium and aluminium abundances in giants and dwarfs - Implications for stellar and Galactic chemical evolution*”
Smiljanic, R.; Romano, D.; Bragaglia, A.; Donati, P.; ..., Recio-Blanco, A., et al., 2016, A&A 589, A115
86. “*The AMBRE Project: Stellar Parameterisation of the ESO:UVES archived spectra*”
Worley, C. C.; de Laverny, P.; Recio-Blanco, A.; Hill, V.; Bijaoui, A., 2016, A&A 591, A81
87. *The Gaia-ESO Survey: Probes of the inner disk abundance gradient*
Jacobson H.R., ..., Recio-Blanco, A. et al. 2016, A&A 591, A37
88. *The Gaia-ESO Survey: Inhibited extra mixing in two giants of the open cluster Tr20?*
Smiljanic R., ..., Recio-Blanco, A. et al. 2016, A&A 591, A62
89. *The Gaia-ESO Survey: Metal-rich Bananas in the Bulge*
Williams A.A., ..., Recio-Blanco, A. et al. 2016, ApJ 824, L29
90. *The Gaia-ESO Survey: A simple explanation for the Li-rich giant problem*
Casey A.R., ..., Recio-Blanco, A. et al. 2016, MNRAS 461, 3336
91. *The Gaia-ESO Survey: Hydrogen lines in cool stars directly trace stellar mass*
Bergemann M., ..., Recio-Blanco, A. et al. 2016, A&A, 594, 120
92. *The AMBRE Project: Constraining the lithium evolution in the Milky Way*
Guiglion G., de Laverny P., Recio-Blanco, A. et al. 2016, A&A, 595, 18
93. *The Gaia Mission*
Gaia Collaboration, T. Prusti, ..., Recio-Blanco, A. et al. 2016, A&A, 595, 1
94. *Gaia Data Release 1 - Summary of the astrometric, photometric, and survey properties*
Gaia Collaboration, Brown A., ..., Recio-Blanco, A. et al., 2016, A&A, 595, 2
95. *Search for Primitive Matter in the Solar System*
Libourel G., Michel P., Delbo M., Ganino C., Recio-Blanco, A., de Laverny P., Zolensky M. E., Krot A. N., 2017, Icarus, vol. 282, p. 375379
96. *The AMBRE Project: iron-peak elements in the Solar neighborhood*
Mikolaitis S., de Laverny P., Recio-Blanco, A. et al. 2017, A&A, 600, 22
97. *The Radial Velocity Experiment (RAVE): Fifth Data Release*
Kunder A., ..., Recio-Blanco. et al., 2017, AJ, 153, 75
98. *The Gaia-ESO Survey: Exploring the complex nature and origins of the Galactic bulge*
Rojas-Arriagada A., Recio-Blanco A. et al. 2017, A&A, 601, 140
99. *The Gaia-ESO Survey: low-alpha element stars in the Galactic bulge*
Recio-Blanco, A., Rojas-Arriagada A., de Laverny P. et al. 2017, A&A 602, L14
100. *The Gaia-ESO Survey: Churning Through the Milky Way*
Hayden M., Recio-Blanco, A., de Laverny P. et al. 2018, A&A, 609, 79
101. *The AMBRE project: chemical evolution models for the Milky Way thick and thin discs*
Grisoni, V.; Spitoni, E.; Matteucci, F.; Recio-Blanco, A. et al., 2017, MNRAS, 472, 3637
102. *The AMBRE project: The thick thin disk and thin thick disk of the Milky Way*
Hayden M., Recio-Blanco, A., et al. 2017 A&A, 608, L1
103. *The AMBRE project: The AMBRE project: a study of Li evolution in the Galactic thin and thick discs*
Prantzos, N.; de Laverny, P.; Guiglion, G.; Recio-Blanco, A.; Worley, C. C., 2017, A&A, 606, 132
104. *The Gaia-ESO Survey: Mg-Al anticorrelation in iDR4 globular clusters*
Pancino E., Romano D., Geisler D., ..., Recio-Blanco, A. et al. 2017, A&A, 601, 112

105. *Gaia Data Release 1. Open cluster astrometry: performance, limitations, and future prospects*
Gaia Collaboration; van Leeuwen, F.; et al. 2017, A&A, 601, 19
106. *The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way*
Thompson, B.B., et al., 2018, MNRAS, 473, 185
107. *The Gaia-ESO Survey: properties of newly discovered Li-rich giants*
Smiljanic, R. et al. 2018, A&A, accepted, 617, 4
108. *Gaia Data Release 2: Observational Hertzsprung-Russell diagrams*
Gaia Collaboration; Babusiaux, C. et al. 2018, A&A, 616, 10
109. *Gaia Data Release 2. Summary of the contents and survey properties*
Gaia Collaboration; Brown, A. G. A.; Vallenari, A et. al. 2018, A&A, 616, 1
110. *Gaia Data Release 2. Mapping the Milky Way disc kinematics*
Gaia Collaboration; Katz, D.; Antoja, T. et al. 2018, A&A, 616, 11
111. *Gaia Data Release 2. Kinematics of globular clusters and dwarf galaxies around the Milky Way*
Gaia Collaboration; Helmi, A.; van Leeuwen, F. et al. 2018, A&A, 616, 12
112. *Gaia Data Release 2. Observations of solar system objects*
Gaia Collaboration; Spoto, F.; Tanga, P. et al. 2018, A&A, 616, 13
113. *Gaia Data Release 2. The celestial reference frame (Gaia-CRF2)*
Gaia Collaboration; Mignard, F.; Klioner, S. A. et al. 2018, A&A, 616, 14
114. *The Gaia-ESO Survey: the origin and evolution of s-process elements*
Magrini, L.; Spina, L.; Randich, S. et al. 2018, A&A, 617, 106
115. *The AMBRE project: searching for the closest solar siblings*
Adibekyan, V.; de Laverny, P.; Recio-Blanco, A. et al. 2018, A&A, 619, 143
116. *The AMBRE Project: r-process elements in the Milky Way thin and thick discs*
Guiglion, G.; de Laverny, P.; Recio-Blanco, A. et al. 2018, A&A, 619, 143
117. *From globular clusters to the disc: the dual life of our Galaxy*
Recio-Blanco, A., 2018, A&A, 620, A194
118. *Estimating stellar birth radii and the time evolution of the Milky Way's ISM metallicity gradient*
Minchev, I.; Anders, F.; Recio-Blanco, A. et al., 2018, MNRAS, 481, 1645
119. *The AMBRE Project: [Y/Mg] stellar dating calibration with Gaia*
Titarenko, A.; Recio-Blanco, A.; de Laverny, P. et al. 2019, A&A, 622, 59
120. *Explaining the decrease in ISM lithium at super-solar metallicities in the solar vicinity*
Guiglion, G.; Chiappini, C.; Romano, D. et al. 2019, A&A, 623, 99
121. *Gaia Data Release 2. Variable stars in the colour-absolute magnitude diagram*
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6. “*Galactic spectroscopic surveys: Gaia scientific exploitation*”
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7. “*The analysis of FGK stars from GIRAFFE spectra of the Gaia-ESO Survey*”
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8. “*Automated abundance analysis*”
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9. “*Stellar parameters from Gaia and Gaia-ESO Survey data*”
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10. “*Stellar Rotation and abundances in large surveys*”
Recio-Blanco, A., 400yrs of stellar rotation, November 2013, Natal (Brazil)
11. “*The Milky Way stellar populations seen by the Gaia ESO Survey*”
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12. “*Scientific synergies of Gaia with ground based spectroscopic surveys*”
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13. “*Galactic archaeology results with the Gaia-ESO Survey*”
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14. “*The Gaia and Gaia-ESO Surveys*”
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15. “*The Galactic bulge in the Gaia era*”
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