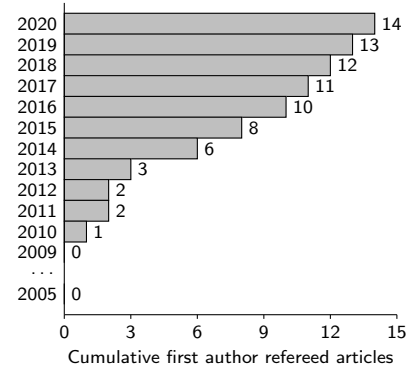
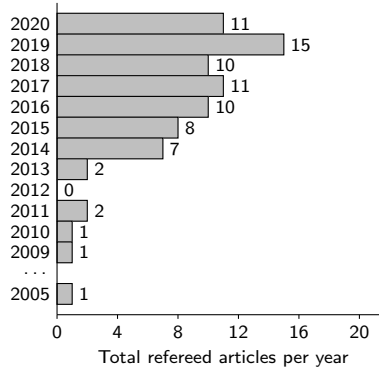
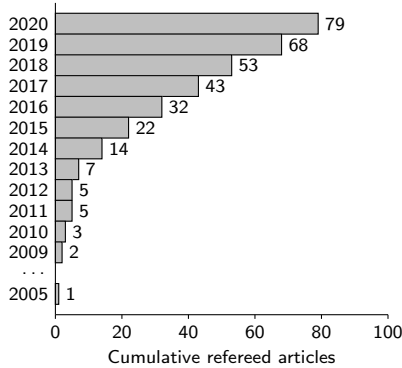


## Refereed articles

Total: 79 publications (14 first author, 8 second author, 10 third author)



79. Baqui, P., Marra, V., Casarini, L., Angulo, R., Díaz-García, L., Hernández-Monteagudo, C., Lopes, P. A., López-Sanjuan, C., Muniesa, D., **Placco, V. M.**, Quartin, M., Queiroz, C., Sobral, D., Solano, E., Tempel, E., Varela, J., Vílchez, J. M., Abramo, L. R., Alcaniz, J., Benitez, N., Bonoli, S., Carneiro, S., Cenarro, A. J., Cristóbal-Hornillos, D., de Amorim, A., de Oliveira, C. M., Dupke, R. A., Ederoclite, A., González Delgado, R. M., Marín-Franch, A., Moles, M., Vázquez Ramió, H., Sodr , L., Taylor, K.  
*The miniJPAS survey: star-galaxy classification using machine learning*  
**2020, Astronomy & Astrophysics**, submitted
78. Bonoli, S., Marín-Franch, A., Varela, J., Vázquez Ramió, H., Abramo, L. R., Cenarro, A. J., Dupke, R. A., Vílchez, J. M., Cristóbal-Hornillos, D., González Delgado, R. M., Hernández-Monteagudo, C., López-Sanjuan, C., Muniesa, D., Civera, T., Ederoclite, A., Hernán-Caballero, A., Marra, V., Baqui, P., Cortesi, A., Cypriano, E., Daflon, S., de Amorim, A., Díaz-García, L., Diego, J., Martínez-Solaache, G., Pérez, E., **Placco, V. M.**, et al.  
*The miniJPAS survey: a preview of the Universe in 56 colours*  
**2020, Astronomy & Astrophysics**, submitted
77. Rasmussen, K., Zepeda, J., Beers, T. C., **Placco, V. M.**, Depagne, É., Frebel, A., Dietz, S., Hartwig, T.  
*Metal-Poor Stars Observed with the Southern African Large Telescope*  
**2020, The Astrophysical Journal**, submitted
76. Cain, M., Frebel, A., Ji, A. P., **Placco, V. M.**, Ezzeddine, R., Roederer, I. U., Hattori, K., Beers, T. C., Meléndez, J., Hansen, T. T., Sakari, C.  
*The R-Process Alliance: J1521–3538, a Very Metal-Poor, Extremely r-Process-Enhanced Star with [Eu/Fe] = +2.2, and the Class of r-III Stars*  
**2020, The Astrophysical Journal**, in press
75. Holmbeck, E. M., Hansen, T. T., Beers, T. C., **Placco, V. M.**, Whitten, D. D., Rasmussen, K. C., Roederer, I. U., Sakari, C., Ezzeddine, R., Frebel, A., Drout, M. R., Simon, J. D., Thompson, I. B., Bland-Hawthorn, J., Gibson, B. K., Grebel, E. K., Kordopatis, G., Kunder, A., Meléndez, J., Navarro, J. F., Reid, W. A., Seabroke, G., Steinmetz, M., Watson, F., Wyse, R. F. G.  
*The R-Process Alliance: Fourth Data Release from the Search for r-Process-Enhanced Stars in the Galactic Halo*  
**2020, The Astrophysical Journal**, in press
74. Ezzeddine, R., Rasmussen, K., Frebel, A., Chiti, A., Hinojisa, K., **Placco, V. M.**, Beers, T. C., Hansen, T. T., Roederer, I. U., Sakari, C. M., Ji, A. P., Melendez, J.  
*The R-Process Alliance: First Magellan/MIKE Release from the Southern Search for R-Process-enhanced Stars*  
**2020, The Astrophysical Journal**, in press
73. Molino, A., Costa-Duarte, M. V., Sampedro, L., Herpich, F. R., Sodr , L., Jr., Mendes de Oliveira, C., Schoenell, W., Barbosa, C. E., Queiroz, C., Lima, E. V. R., Azanha, L., Muñoz-Elgueta, N., Ribeiro, T., Kanaan, A.,

- Hernandez-Jimenez, J. A., Cortesi, A., Akas, S., Lopes de Oliveira, R., Torres-Flores, S., Lima-Dias, C., Nilo Castellon, J. L., Damke, G., Alvarez-Candal, A., Jiménez-Teja, Y., Coelho, P., Pereira, E., Montero-Dorta, A. D., Benítez, N., Gonçalves, T. S., Santana-Silva, L., Werner, S. V., Almeida, L. A., Lopes, P. A. A., Chies-Santos, A. L., Telles, E., de Souza, T. C. R., Gonçalves, D. R., de Souza, R. S., Makler, M., **Placco, V. M.**, Nakazono, L. M. I., Saito, R. K., Overzier, R. A., Abramo, L. R.  
*Assessing the photometric redshift precision of the S-PLUS survey: the Stripe-82 as a test-case*  
**2020, Monthly Notices of the Royal Astronomical Society**, in press
72. **Placco, V. M.**, Santucci, R. M., Yuan, Z., Mardini, M. K., Holmbeck, E. M., Wang, X., Surman, R., Hansen, T., Roederer, I. U., Beers, T., Choplin, A., Ji, A., Ezzeddine, R., Frebel, A., Sakari, C., Whitten, D., Zepeda, J.  
*The R-Process Alliance: The Peculiar Chemical Abundance Pattern of RAVE J183013.5–455510*  
**2020, The Astrophysical Journal**, vol. 897, 78 ([ADS link](#) — [download pdf](#))
71. Dietz, S. E., Yoon, J., Beers, T. C., **Placco, V. M.**  
*The Metallicity Gradient and Complex Formation History of the Outermost Halo of the Milky Way*  
**2020, The Astrophysical Journal**, vol. 894, 34 ([ADS link](#) — [download pdf](#))
70. Yoon, J., Whitten, D. D., Beers, T. C., Lee, Y. S., Masseron, T., **Placco, V. M.**  
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**2020, The Astrophysical Journal**, vol. 894, 7 ([ADS link](#) — [download pdf](#))
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*Dynamical Relics of the Ancient Galactic Halo*  
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68. Andrade-Santos, F., van Weeren, R. J., Di Gennaro, G., Wittman, D., Ryu, D., Lal, D. V., **Placco, V. M.**, Fogarty, K., Jee, M. J., Stroe, A., Sobral, D., Forman, W. R., Jones, C., Kraft, R. P., Murray, S. S., Brüggen, M., Kang, H., Santucci, R. M., Golovich, N., Dawson, W. A.  
*Chandra Observations of the Spectacular A3411–12 Merger Event*  
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*Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star*  
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66. Fernández-Trincado, J. G., Beers, T. C., **Placco, V. M.**, Moreno, E., Alves-Brito, A., Minniti, D., Tang, B., Pérez-Villegas, A., Reylé, C., Robin, A. C., Villanova, S.  
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**2019, Astronomy & Astrophysics**, vol. 631, A119 ([ADS link](#) — [download pdf](#))
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**2019, The Astrophysical Journal**, vol. 884, 67 ([ADS link](#) — [download pdf](#))
63. Mendes de Oliveira, C., Ribeiro, T., Schoenell, W., Kanaan, A., Overzier, R., Molino, A., Sampedro, L., Coelho, P., Barbosa, C., Cortesi, A., Costa-Duarte, M. V., Herpich, F. R., Hernandez-Jimenez, J., **Placco, V. M.**, et al.

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*Metal-Poor Stars Observed with the Automated Planet Finder Telescope. II. Chemodynamical Analysis of Six Low-Metallicity Stars in the Halo System of the Milky Way*  
**2019, The Astrophysical Journal**, vol. 882, 27 ([ADS link](#) — [download pdf](#))
61. Ezzeddine, R., Frebel, A., Roederer, I. U., Tominaga, N., Tumlinson, J., Ishigaki, M., Nomoto, K., **Placco, V. M.**, Aoki, W.  
*Evidence for an Aspherical Population III Supernova Explosion Inferred from the Hyper Metal-Poor Star HE 1327–2326*  
**2019, The Astrophysical Journal**, vol. 876, 97 ([ADS link](#) — [download pdf](#))
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*Metal-Poor Stars Observed with the Automated Planet Finder Telescope. I. Discovery of Five Carbon-Enhanced Metal-Poor Stars from LAMOST*  
**2019, The Astrophysical Journal**, vol. 875, 89 ([ADS link](#) — [download pdf](#))
59. Sakari, C. M., Roederer, I. U., **Placco, V. M.**, Beers, T. C., Ezzeddine, R., Frebel, A., Hansen, T. T., Sneden, C., Cowan, J. J., Wallerstein, G., Farrell, E. M., Venn, K. A., Matijević, G., Wyse, R., Bland-Hawthorn, J., Chiappini, C., Freeman, K. C., Gibson, B. K., Grebel, E. K., Helmi, A., Kordopatis, G., Kunder, A., Navarro, J. Reid, W., Seabroke, G., Steinmetz, M., Watson, F.  
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**2019, The Astrophysical Journal**, vol. 874, 148 ([ADS link](#) — [download pdf](#))
58. Hansen, C. J., Hansen, T. T., Koch, A., Beers, T. C., Nordström, B., **Placco, V. M.**, Andersen, J.  
*Abundances and kinematics of carbon-enhanced metal-poor stars in the Galactic halo. A new classification scheme based on Sr and Ba*  
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*J-PLUS: The Javalambre Photometric Local Universe Survey*  
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55. Whitten, D. D., **Placco, V. M.**, Beers, T. C., Chies-Santos, A. L., Bonatto, C., Varela, J., Crist  bal-Hornillos, D., Ederoclite, A., Akas, S., Caballero, J. A., Coelho, P., Costa-Duarte, M. V., Borges Fernandes, M., Lopes de Oliveira, R., Orsi, A. A., V  quez Rami  , H., Rossi, S., Cenarro, A. J., Daflon, S., Dupke, R. A., Mar  n-Franch, A., Mendes de Oliveria, C., Moles, M., Sodr  , L.  
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*The R-Process Alliance: Spectroscopic Follow-up of 857 Low-Metallicity Star Candidates from the Best & Brightest Survey*  
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52. Wanying Fu, S., Simon, J. D., Shetrone, M., Bovy, J., Beers, T. C., Fernández-Trincado, J., **Placco, V. M.**, Zamora, O., Allende-Prieto, C., García-Hernández, D. A., Harding, P., Ivans, I. I., Lane, R., Nitschelm, C., Roman-Lopes, A., Sobeck, J.  
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49. Gull, M., Frebel, A., Cain, M., **Placco, V. M.**, Ji, A. P., Abate, C., Ezzeddine, R., Karakas, A. I., Hansen, T. T., Sakari, C., Holmbeck, E. M., Santucci, R. M., Casey, A. R., Beers, T. C.  
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42. LIGO Scientific Collaboration and Virgo Collaboration, Fermi GBM, INTEGRAL, IceCube Collaboration, . . . , TOROS: Transient Robotic Observatory of the South Collaboration (incl. **Placco, V. M.**), . . .  
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