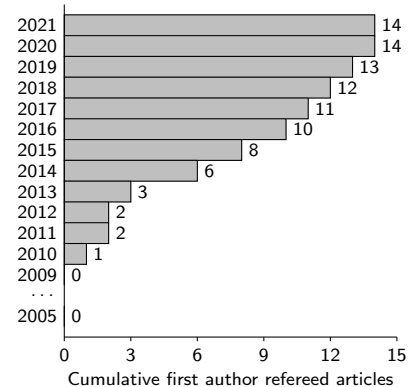
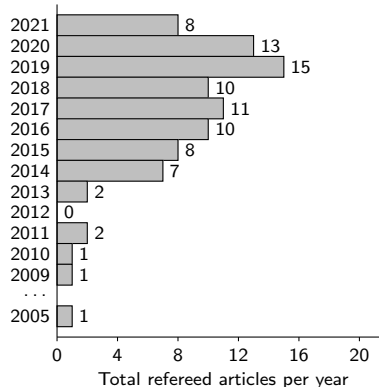
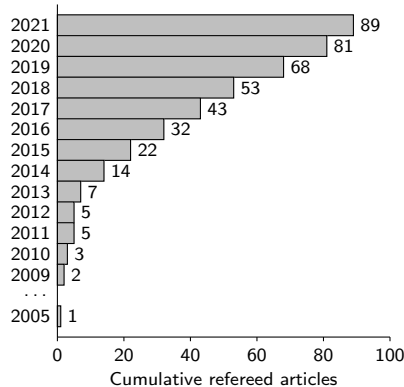


## Refereed articles

Total: 89 publications (14 first author, 10 second author, 10 third author)



89. Fernández-Trincado, J. G., Beers, T., Minniti, D., Carigi, L., **Placco, V. M.**, Chun, S., Lane, R., Geisler, D., Villanova, S., Souza, S., Barbuy, B., Pérez-Villegas, A., Chiappini, C., Queiroz, A., Tang, B., Alonso-García, J., Piatti, A., Palma, T., Alves-Brito, A., Moni Bidin, C., Roman-Lopes, A., Muñoz, R., Singh, H., Kundu, R., Chaves-Velasquez, L., Romero-Colmenares, M., Longa-Peña, P., Soto, M., Vieira, K.  
*APOGEE discovery of a chemically atypical star disrupted from NGC 6723 and captured by the Milky Way bulge*  
**2021, Astronomy & Astrophysics**, submitted
88. López-Sanjuan, C., Yuan, H., Vázquez Ramió, H., Varela, J., Cristóbal-Hornillos, D., Tremblay, P. -E., Marín-Franch, A., Cenarro, A., Ederoclite, A., Alfaro, E., Alvarez-Candal, A., Daflon, S., Hernán-Caballero, A., Hernández-Monteagudo, C., Jiménez-Esteban, F., **Placco, V. M.**, Tempel, E., Alcaniz, J., Angulo, R., Dupke, R., Moles, M., Sodr  Jr., L.  
*J-PLUS: Systematic impact of metallicity on photometric calibration with the stellar locus*  
**2021, Astronomy & Astrophysics**, submitted
87. Whitten, D. D., **Placco, V. M.**, Beers, T. C., An, D., Lee, Y. S., Almeida-Fernandes, F., Herpich, F. R., Daflon, S., Barbosa, C. E., Rossi, S., Tissera, P., Yoon, J., Schoenell, W., Ribeiro, T., Kanaan, A., Youakim, K.  
*The Photometric Metallicity and Carbon Distributions of the Milky Way's Halo and Solar Neighborhood from S-PLUS Observations of SDSS Stripe 82*  
**2021, The Astrophysical Journal**, submitted
86. 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*  
**2021, Astronomy & Astrophysics**, submitted
85. Dietz, S. E., Yoon, J., Beers, T. C., **Placco, V. M.**, Lee, Y. S.  
*Two Populations of Carbon-Enhanced Metal-Poor Stars in the Disk System of the Milky Way*  
**2021, The Astrophysical Journal**, in press
84. Gu in, D., Shank, D., Beers, T. C., Yuan, Z., Limberg, G., Roederer, I. U., **Placco, V. M.**, Holmbeck, E. M., Dietz, S., Rasmussen, K. C., Hansen, T. T., Sakari, C. M., Ezzeddine, R., Frebel, A.  
*The R-Process Alliance: Chemodynamically Tagged Groups of Halo r-Process-Enhanced Stars Reveal a Shared Chemical-Evolution History*  
**2021, The Astrophysical Journal**, vol. 908, 79 ([ADS link](#) — [download pdf](#))
83. Limberg, G., Rossi, S., Beers, T., Perottoni, H., Pérez-Villegas, A., Santucci, R., Abuchaim, Y., **Placco, V. M.**, Lee, Y. S., Christlieb, N., Norris, J. E., Bessell, M., Ryan, S. G., Wilhelm, R., Rhee, J., Frebel, A.

- Dynamically Tagged Groups of Very Metal-Poor Halo Stars from the HK and Hamburg/ESO Surveys*  
**2021, The Astrophysical Journal**, vol. 907, 10 ([ADS link](#) — [download pdf](#))
82. 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*  
**2021, Astronomy & Astrophysics**, vol. 645, A87 ([ADS link](#) — [download pdf](#))
81. Rasmussen, K., Zepeda, J., Beers, T. C., **Placco, V. M.**, Depagne,   ., Frebel, A., Dietz, S., Hartwig, T.  
*Metal-Poor Stars Observed with the Southern African Large Telescope*  
**2020, The Astrophysical Journal**, vol. 905, 20 ([ADS link](#) — [download pdf](#))
80. Mardini, M. K., **Placco, V. M.**, Meiron, Y., Ishchenko, M., Avramov, B., Mazzarini, M., Berczik, P., Arca Sedda, M., Beers, T. C., Frebel, A., Taani, A., Donnari, M., Al-Wardat, M. A., Zhao, G.  
*Cosmological Insights into the Early Accretion of r-Process-Enhanced stars. I. A Comprehensive Chemodynamical Analysis of LAMOST J1109+0754*  
**2020, The Astrophysical Journal**, vol. 903, 88 ([ADS link](#) — [download pdf](#))
79. Fern  ndez-Trincado, J. G., Minniti, D., Beers, T., Villanova, S., Geisler, D., Souza, S., Smith, L., **Placco, V. M.**, Vieira, K., P  rez-Villegas, A., Barbuy, B., Alves-Brito, A., Bidin, C. M., Alonso-Garc  a, J., Tang, B., Palma, T.  
*The enigmatic globular cluster UKS 1 obscured by the bulge: H-band discovery of nitrogen-enhanced stars*  
**2020, Astronomy & Astrophysics**, vol. 643, 145 ([ADS link](#) — [download pdf](#))
78. Fern  ndez-Trincado, J. G., Beers, T. C., Minniti, D., Carigi, L., Barbuy, B., **Placco, V. M.**, Moni Bidin, C., Villanova, S., Roman-Lopes, A., Nitschelm, C.  
*Discovery of a Large Population of Nitrogen-Enhanced Stars in the Magellanic Clouds*  
**2020, The Astrophysical Journal Letters**, vol. 903, 17 ([ADS link](#) — [download pdf](#))
77. Roederer, I. U., Lawler, J. E., Holmbeck, E. M., Beers, T. C., Ezzeddine, R., Frebel, A., Hansen, T. T., Ivans, I. I., Karakas, A. I., **Placco, V. M.**, Sakari, C. M.  
*Detection of Pb II in the Ultraviolet Spectra of Three Metal-Poor Stars*  
**2020, The Astrophysical Journal Letters**, vol. 902, 24 ([ADS link](#) — [download pdf](#))
76. 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., Mel  ndez, J., Navarro, J. F., Reid, W. A., Seabroke, G., Steinmetz, M., Watson, F., Wyse, R. F. G.  
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75. Ezzeddine, R., Rasmussen, K., Frebel, A., Chiti, A., Hinojisa, K., **Placco, V. M.**, Ji, A. P., Beers, T. C., Hansen, T. T., Roederer, I. U., Sakari, C. M., Mel  ndez, J.  
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*The R-Process Alliance: The Peculiar Chemical Abundance Pattern of RAVE J183013.5–455510*  
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*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**, vol. 499, 3884 ([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.**  
*Identification of a Group III CEMP-no Star in the Dwarf Spheroidal Galaxy Canes Venatici I*  
**2020, The Astrophysical Journal**, vol. 894, 7 ([ADS link](#) — [download pdf](#))
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*Dynamical Relics of the Ancient Galactic Halo*  
**2020, The Astrophysical Journal**, vol. 891, 39 ([ADS link](#) — [download pdf](#))
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*  
**2019, The Astrophysical Journal**, vol. 887, 31 ([ADS link](#) — [download pdf](#))
67. Fernández-Trincado, J. G., Mennickent, R., Cabezas, M., Zamora, O., Martell, S., Beers, T. C., **Placco, V. M.**, Nataf, D., Mészáros, S., Minniti, D., Schleicher, D. R., Tang, B., Pérez-Villegas, A., Robin, A. C., Reylé, C.  
*Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star*  
**2019, Astronomy & Astrophysics**, vol. 631, A97 ([ADS link](#) — [download pdf](#))
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, The Astrophysical Journal Letters**, vol. 886, 8 ([ADS link](#) — [download pdf](#))
65. López-Sanjuan, C., Varela, J., Cristóbal-Hornillos, D., Vázquez Ramió, H., Carrasco, J. M., Tremblay, P. -E., Whitten, D., **Placco, V. M.**, Marín-Franch, A., Cenarro, A., Ederoclite, A., Alfaro, E., Coelho, P., Civera, T., Hernández-Fuertes, J., Jiménez-Esteban, F., Jiménez-Teja, Y., Maíz Apellániz, J., Sobral, D., Vílchez, J., Alcaniz, J., Angulo, R., Dupke, R., Hernández-Monteagudo, C., Mendes de Oliveira, C., Moles, M., Sodré Jr., L.  
*J-PLUS: Photometric Calibration of Large-Area Multi-Filter Surveys with Stellar and White Dwarf loci*  
**2019, Astronomy & Astrophysics**, vol. 631, A119 ([ADS link](#) — [download pdf](#))
64. Whitten, D. D., Beers, T. C., **Placco, V. M.**, Santucci, R. M., Denisenkov, P., Tissera, P. B., Mejías, A., Hernitschek, N., Carollo, D.  
*Constraints on the Galactic Inner Halo Assembly History from the Age Gradient of Blue Horizontal-Branch Stars*  
**2019, The Astrophysical Journal**, vol. 884, 67 ([ADS link](#) — [download pdf](#))
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**2019, Monthly Notices of the Royal Astronomical Society**, vol. 489, 241 ([ADS link](#) — [download pdf](#))

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*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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