

Refereed articles

Total: 116 publications (incl. 17 first, 12 second, 15 third, and 16 fourth author articles)



116. Hackshaw, Z., Ezzeddine, R., Shank, D., Shah, S., Beers, T. C., Frebel, A. Hansen, T. T., Holmbeck, E. M., Ji, A. P., Kowkabany, J., **Placco, V. M.**, Roederer, I. U., Sakari, C. M.
The R-Process Alliance: Accretion origin of a highly enhanced r-process star from an LMC UFD satellite
2023, The Astrophysical Journal, submitted
115. Kowkabany, J., Ezzeddine, R., Charbonnel, C., Roederer, I. U., Li, Y., Hackshaw, Z., Beers, T. C., Frebel, A. Hansen, T. T., Holmbeck, E. M., **Placco, V. M.**, Sakari, C. M.
Discovery of an Ultra Lithium-rich Metal-Poor Red Giant star
2023, The Astrophysical Journal, submitted
114. Abuchaim, Y., Perottoni, H. D., Rossi, S., Limberg, G., Pérez-Villegas, A., Santucci, R. M., **Placco, V. M.**, Sales-Silva, J. V., Anders, F., Rocha-Pinto, H.
The Chemodynamical Nature of the Triangulum-Andromeda Overdensity
2023, The Astrophysical Journal, in press
113. Almeida-Fernandes, F., **Placco, V. M.**, Rocha-Pinto, H. J., Borges Fernandes, M., Limberg, G., Beraldo e Silva, L., Amarante, J., Perottoni, H. D., Overzier, R., Schoenell, W., Ribeiro, T., Kanaan, A., Mendes de Oliveira, C.
Chemodynamical Properties and Ages of Metal-Poor Stars in S-PLUS
2023, Monthly Notices of the Royal Astronomical Society, in press
112. Quispe-Huaynasi, F., Roig, F., Daflon, S., Pereira, C., **Placco, V. M.**, Jiménez-Esteban, F., Galindo-Guil, F., Alvarez-Candal, A., Alcaniz, J., Angulo, R., Cenarro, J., Cristóbal-Hornillos, D., Dupke, R., Ederoclite, A., Hernández-Monteagudo, C., López-Sanjuan, C., Marín-Franch, A., Moles, M., Sodr  Jr., L., Vázquez Rami , H.
J-PLUS: characterisation of high velocity stars in the second data release
2023, Monthly Notices of the Royal Astronomical Society, vol. 522, 3898 ([ADS](#) — [PDF](#))
111. Jeong, M., Lee, Y. S., Beers, T. C., **Placco, V. M.**, Kim, Y. K., Koo, J.-R., Lee, H.-G., Yang, S.-C.
Search for Extremely Metal-Poor Stars with GEMINI-N/GRACES I. Chemical-abundance Analysis
2023, The Astrophysical Journal, vol. 948, 38 ([ADS](#) — [PDF](#))
110. Zepeda, J., Beers, T. C., **Placco, V. M.**, Shank, D., Gudin, D., Hirai, Y., Yoon, J., Mardini, M., Pifer, C., Catapano, T., Calagna, S.
Chemo-Dynamically Tagged Groups of CEMP Stars in the Halo of the Milky Way. I. Untangling the Origins of CEMP-s and CEMP-no Stars
2023, The Astrophysical Journal, vol. 947, 23 ([ADS](#) — [PDF](#))

- 109. Placco, V. M.** & Stanghellini, L.
US National Gemini Office in the NOIRLab era
2023, Journal of Astronomical Telescopes, Instruments, and Systems, vol. 9, 7003 ([ADS](#) — [PDF](#))
108. Garro, E. R., Fernández-Trincado, J. G., Minniti, D., Moya, W. H., Palma, T., Beers, T. C., **Placco, V. M.**, Barbuy, B., Sneden, C., Alves-Brito, A., Dias, B., Afşar, M., Frelíj, H., Lane, R. R.
Gaia-IGRINS synergy: Orbits of Newly Identified Milky Way Star Clusters
2023, Astronomy & Astrophysics, vol. 669, A136 ([ADS](#) — [PDF](#))
107. Shank, D., Beers, T., **Placco, V. M.**, Gudin, D., Catapano, T., Holmbeck, E. M., Ezzeddine, R., Roederer, I. U., Sakari, C. M., Frebel, A. Hansen, T. T.
The R-Process Alliance: Chemo-Dynamically Tagged Groups II. Extended Sample of Halo r-Process-Enhanced Stars
2023, The Astrophysical Journal, vol. 943, 23 ([ADS](#) — [PDF](#))
106. Yuan, H. -B., Yang, L., Cruz, P., Jiménez-Esteban, F., Daflon, S., **Placco, V. M.**, Akas, S., Alfaro, E. J., Galarza, C. A., Gonçalves, D., Liu, J. -F., Cenarro, A., Marín-Franch, A., Varela, J., Ederoclite, A., López-Sanjuan, C., Abramo, R., Alcaniz, J., Benítez, N., Bonoli, S., Cristóbal-Hornillos, D., Dupke, R. A., Hernán-Caballero, A., Mendes de Oliveira, C., Moles, M., Sodr   Jr., L. Vázquez Ram   , H., Taylor, K.
The miniJPAS survey: stellar atmospheric parameters from 56 optical filters
2023, Monthly Notices of the Royal Astronomical Society, vol. 518, 2018 ([ADS](#) — [PDF](#))
105. Schatz, H., Becerril Reyes, A. D., Best, A., Brown, E. F., Chatziioannou, K., Chipps, K. A., Deibel, C. M., Ezzeddine, R., Galloway, D. K., Hansen, C. J., Herwig, F., Ji, A. P., Lugaro, M., Meisel, Z., Norman, D., Read, J. S., Roberts, L. F., Spyrou, A., Tews, I., Timmes, F. X., Travaglio, C., Vassh, N., Abia, C., Adsley, P., Agarwal, S., Aliotta, M., Aoki, W., Arcones, A., Aryan, A., Bandyopadhyay, A., Banu, A., Bardayan, D. W., Barnes, J., Bauswein, A., Beers, T. C., Bishop, J., Boztepe, T., C    , B., Caplan, M. E., Champagne, A. E., Clark, J. A., Couder, M., Couture, A., de Mink, S. E., Debnath, S., deBoer, R. J., den Hartogh, J., Denissenkov, P., Dexheimer, V., Dillmann, I., Escher, J. E., Famiano, M. A., Farmer, R., Fisher, R., Fr  hlich, C., Frebel, A., Fryer, C., Fuller, G., Ganguly, A. K., Ghosh, S., Gibson, B., Gorda, T., Gourgouliatos, K., Graber, V., Gupta, M., Haxton, W., Heger, A., Hix, W. R., Ho, W. C., Holmbeck, E. M., Hood, A., Huth, S., Imbriani, G., Izzard, R., Jain, R., Jayatissa, H., Johnston, Z., Kajino, T., Kankainen, A., Kiss, G., Kwiatkowski, A., La Cognata, M., Laird, A., Lamia, L., Landry, P., Laplace, E., Launey, K., Leahy, D., Leckenby, G., Lennarz, A., Longfellow, B., Lovell, A., Lynch, W., Lyons, S., Maeda, K., Masha, E., Matei, C., Merc, J., Messer, B., Montes, F., Mukherjee, A., Mumpower, M., Neto, D., Nevins, B., Newton, W., Nguyen, L. Q., Nishikawa, K., Nishimura, N., Nunes, F., O'Connor, E., O'Shea, B., Ong, W.-J., Pain, S., Pajkos, M., Pignatari, M., Pizzone, R., **Placco, V. M.**, et al.
Horizons: Nuclear Astrophysics in the 2020s and Beyond
2022, Journal of Physics G, vol. 49, 110502 ([ADS](#) — [PDF](#))
104. Razera, R., Barbuy, B., Moura, T., Ernandes, H., P          , A., Souza, S. O., Chiappini, C., Queiroz, A. B. A., Anders, F., Fern          , J. G., Fria   , A. C. S., Cunha, K., Smith, V. V., Santiago, B. X., Schiavon, R. P., Valentini, M., Minniti, D., Schultheis, M., Geisler, D., Sob    , J., **Placco, V. M.**, Zoccali, M.
Abundance analysis of 58 APOGEE metal-poor spheroid bulge stars
2022, Monthly Notices of the Royal Astronomical Society, vol. 517, 4590 ([ADS](#) — [PDF](#))
103. Mardini, M., Frebel, A., Ezzeddine, R., Chiti, A., Meiron, Y., Ji, A., **Placco, V. M.**, Roederer, I., Mel      , J.
The chemical abundance pattern of the extremely metal-poor thin disc star 2MASS J1808  5104 and its origins
2022, Monthly Notices of the Royal Astronomical Society, vol. 517, 3993 ([ADS](#) — [PDF](#))
- 102. Placco, V. M.**, Almeida-Fernandes, F., Arentsen, A., Lee, Y. S., Schoenell, W., Ribeiro, T., Kanaan, A.
Mining S-PLUS for Metal-Poor Stars in the Milky Way
2022, The Astrophysical Journal Supplement Series, vol. 262, 8 ([ADS](#) — [PDF](#))
101. Roederer, I. U., Cowan, J. J., Pignatari, M., Beers, T. C., Den Hartog, E. A., Ezzeddine, R., Frebel, A. Hansen, T. T., Holmbeck, E. M., Mumpower, M. R., **Placco, V. M.**, Sakari, C. M., Surman, R., Vassh, N.
The R-Process Alliance: Abundance Universality among Some Elements at and between the First and Second

R-Process Peaks

2022, *The Astrophysical Journal*, vol. 936, 84 ([ADS](#) — [PDF](#))

100. Arentsen, A., **Placco, V. M.**, Lee, Y. S., Aguado, D. S., Martin, N. F., Starkenburg, E., Yoon, J.
On the inconsistency of $[C/Fe]$ abundances and the fractions of carbon-enhanced metal-poor stars among various stellar surveys
2022, *Monthly Notices of the Royal Astronomical Society*, vol. 515, 4082 ([ADS](#) — [PDF](#))
99. Shank, D., Komater, D., Beers, T., **Placco, V. M.**, Huang, Y.
Dynamically Tagged Groups of Metal-Poor Stars II. The Radial Velocity Experiment Data Release 6
2022, *The Astrophysical Journal Supplement Series*, vol. 261, 19 ([ADS](#) — [PDF](#))
98. Roederer, I. U., Lawler, J. E., Den Hartog, E. A., **Placco, V. M.**, Surman, R., Beers, T. C., Ezzeddine, R., Frebel, A., Hansen, T. T., Hattori, K., Holmbeck, E. M., Sakari, C. M.
The R-Process Alliance: A Nearly Complete R-Process Abundance Template Derived from Ultraviolet Spectroscopy of the R-Process-Enhanced Metal-Poor Star HD 222925
2022, *The Astrophysical Journal Supplement Series*, vol. 260, 27 ([ADS](#) — [PDF](#))
97. Aoki, W., Beers, T. C., Honda, S., Ishikawa, H. T., Matsuno, T., **Placco, V. M.**, Yoon, J., Harakawa, H., Hirano, T., Hodapp, K., Ishizuka, M., Jacobson, S., Kotani, T., Kudo, T., Kurokawa, Y., Kuzuhara, M., Nishikawa, J., Omiya, M., Serizawa, T., Tamura, M., Ueda, A., Vievard, S.
Silicon and Strontium abundances of very metal-poor stars determined from near-infrared spectra
2022, *Publications of the Astronomical Society of Japan*, vol. 74, 273 ([ADS](#) — [PDF](#))
96. Zepeda, J., Rasmussen, K. C., Beers, T., **Placco, V. M.**, Huang, Y., Depagne, É.
Metal-Poor Stars Observed with the Southern African Large Telescope II. An Extended Sample
2022, *The Astrophysical Journal*, vol. 927, 13 ([ADS](#) — [PDF](#))
95. Almeida-Fernandes, F., Sampedro, L., Herpich, F. R., Molino, A., Barbosa, C. E., Buzzo, M. L., Overzier, R. A., de Lima, E. V. R., Nakazono, L. M. I., Oliveira Schwarz, G. B., Perottoni, H. D., Bolutavicius, G. L., Gutiérrez-Soto, L. A., Santos-Silva, T., Vitorelli, A. Z., Werle, A., Whitten, D. D., Costa Duarte, M. V., Bom, C. R., Coelho, P., Sodré Jr., L., **Placco, V. M.**, Teixeira, G. S. M., Alonso-García, J., Beers, T. C., Kanaan, A., Ribeiro, T., Schoenell, W., Mendes de Oliveira, C.
Data Release 2 of S-PLUS: Accurate template-fitting based photometry covering 1000 deg² in 12 optical filters
2022, *Monthly Notices of the Royal Astronomical Society*, vol. 511, 4590 ([ADS](#) — [PDF](#))
94. Shank, D., Beers, T., **Placco, V. M.**, Limberg, G., Jaques, E., Yuan, Zhen, Schlafman, K. C., Casey, A. R., Huang, Y., Lee, Y. S., Hattori, K., Santucci, R. M.
Dynamically Tagged Groups of Metal-Poor Stars from the Best & Brightest Survey
2022, *The Astrophysical Journal*, vol. 926, 26 ([ADS](#) — [PDF](#))
93. Galarza, C. A., Daflon, S., **Placco, V. M.**, Allende Prieto, C., Borges Fernandes, M., Yuan, H., López-Sanjuan, C., Lee, Y. S., Solano, E., Jiménez-Esteban, F., Sobral, D., Alvarez-Candal, A., Pereira, C. B., Akas, S., Martín, E., Jiménez-Teja, Y., Cenarro, J., Cristóbal-Hornillos, D., Hernández-Monteagudo, C., Marín-Franch, A., Moles, M., Varela, J., Vázquez Ramió, H., Alcaniz, J., Dupke, R., Ederoclite, A., Sodré Jr., L., Angulo, R.
J-PLUS: Searching for very metal-poor star candidates using the SPEEM pipeline
2022, *Astronomy & Astrophysics*, vol. 657, A35 ([ADS](#) — [PDF](#))
92. 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., Sodré Jr., L.
J-PLUS: Systematic impact of metallicity on photometric calibration with the stellar locus
2021, *Astronomy & Astrophysics*, vol. 654, A61 ([ADS](#) — [PDF](#))
91. 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-Solaesche, G., Pérez, E., **Placco, V. M.**, et al.
The miniJPAS survey: a preview of the Universe in 56 colours
2021, Astronomy & Astrophysics, vol. 653, A31 ([ADS](#) — [PDF](#))
90. Arentsen, A., Starkenburg, E., Aguado, D. S., Martin, N. F., **Placco, V. M.**, Carlberg, R., González Hernández, J. I., Hill, V., Jablonka, P., Kordopatis, G., Lardo, C., Mashonkina, L. I., Navarro, J. F., Venn, K. A., Buder, S., Lewis, G. F., Wan, Z., Zucker, D. B.
The Pristine Inner Galaxy Survey (PIGS) III: carbon-enhanced metal-poor stars in the bulge
2021, Monthly Notices of the Royal Astronomical Society, vol. 505, 1239 ([ADS](#) — [PDF](#))
89. 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, vol. 914, 100 ([ADS](#) — [PDF](#))
88. Limberg, G., Santucci, R. M., Rossi, S., Shank, D., **Placco, V. M.**, Beers, T., Schlafman, K. C., Casey, A. R., Perottoni, H. D., Lee, Y. S.
Targeting Bright Metal-poor Stars in the Disk and Halo Systems of the Galaxy
2021, The Astrophysical Journal, vol. 913, 11 ([ADS](#) — [PDF](#))
- 87. Placco, V. M.**, Roederer, I. U., Lee, Y. S., Almeida-Fernandes, F., Herpich, F. R., Perottoni, H. D., Schoenell, W., Ribeiro, T., Kanaan, A.
SPLUS J210428.01–004934.2: An Ultra Metal-Poor Star Identified from Narrow-Band Photometry
2021, The Astrophysical Journal Letters, vol. 912, 32 ([ADS](#) — [PDF](#))
86. Whitten, D. D., **Placco, V. M.**, Beers, T., An, D., Lee, Y. S., Almeida-Fernandes, F., Herpich, F., Daflon, S., Barbosa, C., Perottoni, H., 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, vol. 912, 147 ([ADS](#) — [PDF](#))
85. 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, vol. 647, 64 ([ADS](#) — [PDF](#))
84. Gudin, 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](#) — [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](#) — [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.**, Quartín, M., Queiroz, C., Sobral, D., Solano, E., Tempel, E., Varela, J., Vílchez, J. M., Abramo, L. R., Alcaniz, J., Benítez, 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](#) — [PDF](#))

81. 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*, vol. 905, 20 ([ADS](#) — [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](#) — [PDF](#))
79. Fernández-Trincado, J. G., Minniti, D., Beers, T., Villanova, S., Geisler, D., Souza, S., Smith, L., **Placco, V. M.**, Vieira, K., Pérez-Villegas, A., Barbuy, B., Alves-Brito, A., Bidin, C. M., Alonso-García, 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](#) — [PDF](#))
78. Fernández-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](#) — [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](#) — [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., 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 Supplement Series*, vol. 249, 30 ([ADS](#) — [PDF](#))
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., Melendez, J.
The R-Process Alliance: First Magellan/MIKE Release from the Southern Search for R-Process-enhanced Stars
2020, *The Astrophysical Journal*, vol. 898, 150 ([ADS](#) — [PDF](#))
74. 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: 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*, vol. 898, 40 ([ADS](#) — [PDF](#))
- 73.** **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](#) — [PDF](#))
72. 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., Mu oz-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., Jim nez-Teja, Y., Coelho, P., Pereira, E., Montero-Dorta, A. D., Ben tez, N., Gon alves, 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., Gon alves, 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*, vol. 499, 3884 ([ADS](#) — [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](#) — [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](#) — [PDF](#))
69. Yuan, Z., Myeong, G. C., Beers, T. C., Evans, N. W., Lee, Y. S., Banerjee, P., Gudin, D., Hattori, K., Li, H., Matsuno, T., **Placco, V. M.**, Smith, M. C., Whitten, D. D., Zhao, G.
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