

Refereed articles

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



116. [Placco, V. M.](#) & Stanghellini, L.

US National Gemini Office in the NOIRLab era

2023, *Journal of Astronomical Telescopes, Instruments, and Systems*, submitted

115. 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*, submitted

114. 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*, submitted

113. 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., Sodré Jr., L., Varela, J., Vázquez Ramió, H.

J-PLUS: Characterisation of High Velocity Stars in the second data release

2023, *Monthly Notices of the Royal Astronomical Society*, submitted

112. 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*, submitted

111. 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

110. 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

109. 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*, submitted

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 link](#) — [download 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

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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 Rami  , H., Taylor, K.

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- 102. Placco, V. M.**, Almeida-Fernandes, F., Arentsen, A., Lee, Y. S., Schoenell, W., Ribeiro, T., Kanaan, A.

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The R-Process Alliance: Abundance Universality among Some Elements at and between the First and Second

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Dynamically Tagged Groups of Metal-Poor Stars II. The Radial Velocity Experiment Data Release 6
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