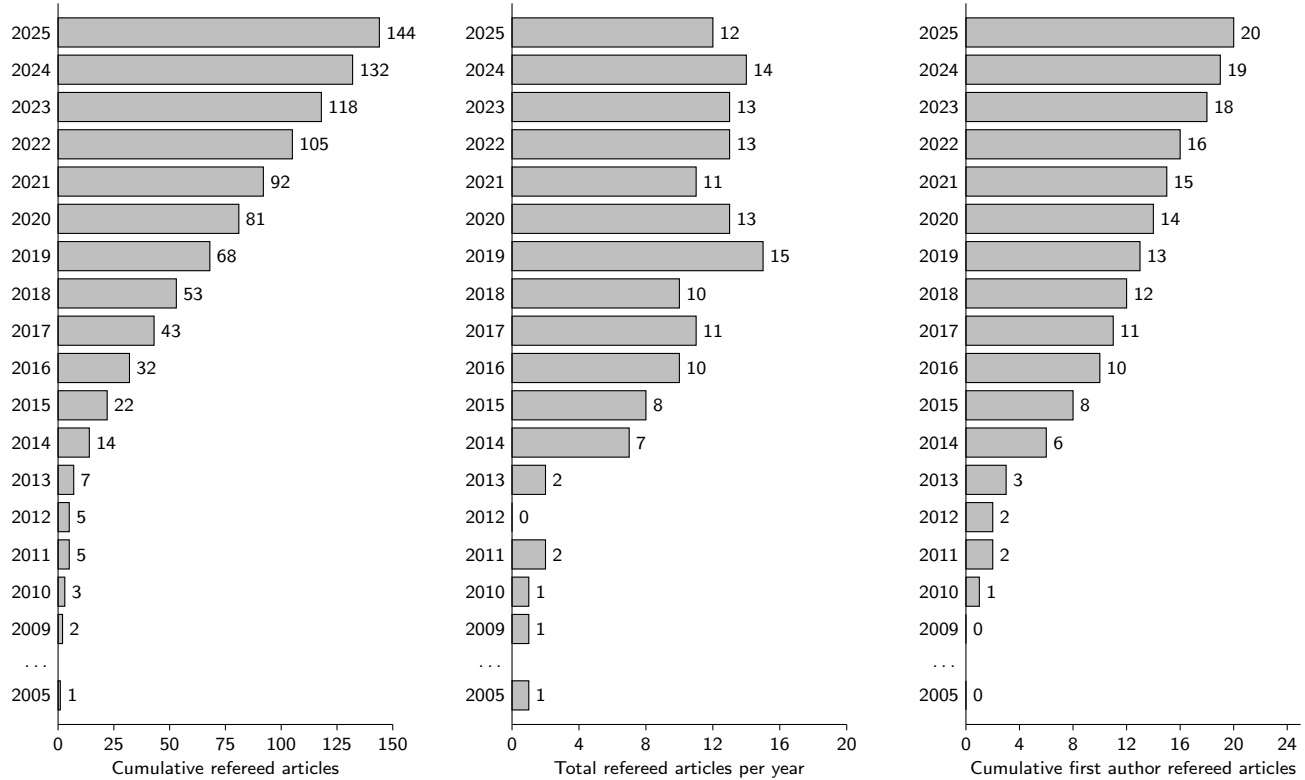


Refereed articles

Total: 144 publications (incl. 20 first, 13 second, 18 third, and 15 fourth author articles)



- 144. Placco, V. M.**, Limberg, G., Chiti, A., Prabhu, D. S., Ji, A. P., Barbosa, F. O., Cerny, W., Pace, A. B., Stringfellow, G. S., Sand, D. J., Martínez-Vázquez, C. E., Riley, A. H., Rossi, S., Noël, N. E. D., Vivas, A. K., Medina, G. E., Drlica-Wagner, A., Sakowska, J. D., Mutlu-Pakdil, B., Massana, P., Carballo-Bello, J. A., Choi, Y., Crnojević, D., Tan, C. Y.
The DECam MAGIC Survey: Spectroscopic Follow-up of the Most Metal-Poor Stars in the Distant Milky Way Halo
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Spectroscopic Analysis of Pictor II: a very low metallicity ultra-faint dwarf galaxy bound to the Large Magellanic Cloud
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J-PLUS: Metallicity determination in open clusters using machine learning
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- Kallivayalil, N., Martínez-Vázquez, C., Medina, G., Noël, N., Sand, D., Vivas, A. K., Bom, C., Ferguson, P., Mutlu-Pakdil, B., Navabi, M., Riley, A. H., Sakowska, J., Zenteno, A.
The DECam MAGIC Survey: A Wide-field Photometric Metallicity Study of the Sculptor Dwarf Spheroidal Galaxy
2025, The Astrophysical Journal, submitted
140. Hirai, Y., Beers, T., Lee, Y. S., Wanajo, S., Roederer, I. U., Tanaka, M., Chiba, M., Saitoh, T., **Placco, V. M.**, Hansen, T. T., Ezzeddine, R., Frebel, A., Holmbeck, E. M., Sakari, C. M.
The R-Process Alliance: Enrichment of R-process Elements in a Simulated Milky Way-like Galaxy
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Elemental abundances of 44 very metal-poor stars determined from Subaru/IRD near-infrared spectra
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137. Quispe-Huaynasi, F., Roig, F., Holanda, N., Loaiza-Tacuri, V., Eleutério, R., Pereira, C. B., Daflon, S., **Placco, V. M.**, Lopes de Oliveira, R., Sestito, F., Humire, P. K., Borges Fernandes, M., Kanaan, A., Mendes de Oliveira, C., Ribeiro, T., Schoenell, W.
An Unsupervised Machine Learning Approach to Identify Spectral Energy Distribution Outliers: Application to the S-PLUS DR4 Data
2025, The Astronomical Journal, vol. 169, 332 ([ADS](#))
136. Hansen, T. T., Roederer, I. U., Shah, S., Ezzeddine, R., Beers, T., Frebel, A., Holmbeck, E. M., **Placco, V. M.**, Sakari, C. M., Ji, A. P., Marshall, J. L., Mardini, M. K., Chiti, A.
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135. Rodriguez, C. N., Ferrero, G., Benvenuto, O., Ansin, T., Gamen, R., Morrell, N., Higa, R., Putkuri, C., Johnston, C., Chiboucas, K., Deibert, E., Hayes, C., Heo, J., Jeong, M., Kalari, V., Martioli, E., **Placco, V. M.**, Venn, K., Xu, S., Diaz, R., Gomez-Jimenez, M., Ruiz-Carmona, R., Simpson, C., McConnachie, A. W., Pazder, J., Burley, G., Berg, T. A. M., Robertson, J. G., Labrie, K., Thomas-Osip, J.
The Secondary Component of the Extremely Low Mass Ratio Massive Binary HD 165246 Revealed by GHOST
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133. Ferreira Lopes, C. E., Gutiérrez-Soto, L. A., Ferreira Alberice, V. S., Monsalves, N., Hazarika, D., Catelan, M., **Placco, V. M.**, Limberg, G., Almeida-Fernandes, F., Perottoni, H. D., Smith Castelli, A. V., Akas, S., Alonso-García, J., Cordeiro, V., Jaque Arancibia, M., Daflon, S., Dias, B., Machado-Pereira, E., Lopes, A. R., Bom, C. R., Thom de Souza, R., de Oliveira, N., Alvarez-Candal, A., De Rossi, M., Bonatto, C., Cubillos Palma, B., Borges Fernandes, M., Humire, P., Oliveira Schwarz, G., Schoenell, W., Kanaan, A., Mendes de Oliveira, C.
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BD+44°493: Chemo-Dynamical Analysis and Constraints on Companion Planetary Masses from WIYN/NEID Spectroscopy
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The Fourth S-PLUS Data Release: 12-filter photometry covering 3000 square degrees in the Southern Hemisphere
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129. Bandyopadhyay, A., Ezzeddine, R., Allende Prieto, C., Aria, N., Shah, S. P., Beers, T., Frebel, A., Holmbeck, E. M., Hansen, T. T., [Placco, V. M.](#), Roederer, I. U., Sakari, C. M.
The R-Process Alliance: Fifth Data Release from the Search for R-process-enhanced Metal-poor Stars in the Galactic Halo with the Gran Telescopio Canarias
2024, *The Astrophysical Journal Supplement Series*, vol. 274, 39 ([ADS](#))
128. Kalari, V., Diaz, R., Robertson, J. G., McConnachie, A. W., Ireland, M., Salinas, R., Young, P., Simpson, C., Hayes, C. R., Nielsen, J., Burley, G., Pazder, J., Gomez-Jimenez, M., Martioli, E., Howell, S. B., Jeong, M., Juneau, S., Ruiz-Carmona, R., Margheim, S., Sheinis, A., Anthony, A., Baker, G., Berg, T. A. M., Cao, T., Chapin, E., Chin, T., Chiboucas, K., Churilov, V., Deibert, E. K., Densmore, A., Dunn, J., Edgar, M. L., Heo, J., Henderson, D., Farrell, T., Font, J., Firpo, V., Fuentes, J., Labrie, K., Lambert, S., Lawrence, J., Lothrop, J., McDermid, R., Miller, B. W., Perez, G., [Placco, V. M.](#), Prado, P., Quiroz, C., Ramos, F., Rutten, R., Silva, K., Thomas-Osip, J., Urrutia, C., Vacca, W., Venn, K., Waller, F., Waller, L., White, M., Xu, S., Zhelem, R.
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127. Perottoni, H. D., [Placco, V. M.](#), Almeida-Fernandes, F., Herpich, F. R., Rossi, S., Beers, T., Smiljanic, R., Amarante, J., Limberg, G., Werle, A., Rocha-Pinto, H., Beraldo e Silva, L., Daflon, S., Alvarez-Candal, A., Schoenell, W., Ribeiro, T., Kanaan, A.
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126. Kowkabany, J., Ezzeddine, R., Charbonnel, C., Roederer, I. U., Wang, E. X., Li, Y., Hackshaw, Z., Beers, T. C., Frebel, A., Hansen, T. T., Holmbeck, E. M., [Placco, V. M.](#), Sakari, C. M.
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Results from the GHOST/Gemini South System Verification Run: High-Resolution Dayside Spectroscopy of

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The R-Process Alliance: 2MASS J22132050–5137385, the Star with the Highest-known r-process Enhancement at $[Eu/Fe] = +2.45$

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120. Quispe-Huaynasi, F., Roig, F., **Placco, V. M.**, Beraldo e Silva, L., Pereira, C. B., Daflon, S., Kanaan, A., Mendes de Oliveira, C., Ribeiro, T., Schoenell, W.

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- 109. Placco, V. M.** & Stanghellini, L.
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