## Refereed articles

Total: 139 publications (incl. 19 first, 13 second, 17 third, and 15 fourth author articles)



- 139. Bandyopadhyay, A., Ezzeddine, R., Placco, V. M., Frebel, A., Roederer, I. U. Probing Stellar Abundance Variations in NGC 2298: Unraveling the Origins of the R-process Enhancements Among its Multiple Stellar Populations 2025, The Astrophysical Journal, submitted
- 138. Aoki, W., Beers, T. C., Honda, S., Matsuno, T., Placco, V. M., Yoon, J., Kuzuhara, M., Harakawa, H., Hirano, T., Kotani, T., Kurokawa, T., Nishikawa, J., Omiya, M., Tamura, M., Vievard, S. *Elemental abundances of 44 very metal-poor stars determined from Subaru/IRD near-infrared spectra* 2025, Publications of the Astronomical Society of Japan, in press
- 137. 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. The R-Process Alliance: Hunting for gold in the near-UV spectrum of 2MASS J05383296—5904280 2025, The Astrophysical Journal, in press
- 136. 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* 2025, The Astrophysical Journal, in press
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- 134. Cerny, W., Chiti, A., Geha, M., Mutlu-Pakdil, B., Drlica-Wagner, A., Tan, C. Y., Adamów, M., Pace, A. B., Simon, J. D., Sand, D. J., Ji, A. P., Li, T. S., Vivas, A. K., Bell, E. F., Carlin, J. L., Carballo-Bello, J. A., Chaturvedi, A., Choi, Y., Doliva-Dolinsky, A., Gnedin, O. Y., Limberg, G., Martínez-Vázquez, C. E., Mau, S., Medina, G. E., Navabi, M., Noël, N. E. D., Placco, V. M., Riley, A. H., Roederer, I. U., Stringfellow, G. S., Bom, C. R., Ferguson, P. S., James, D. J., Martínez-Delgado, D., Massana, P., Nidever, D. L., Sakowska, J. D., Santana-Silva, L., Sherman, N. F., Tollerud, E. J. Discovery and Spectroscopic Confirmation of Aquarius III: A Low-mass Milky Way Satellite Galaxy 2025, The Astrophysical Journal, vol. 979, 164 (ADS)
- 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., Akras, 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. Stellar atmospheric parameters and chemical abundances of ~5 million stars from S-PLUS multi-band photometry 2025, Astronomy & Astrophysics, vol. 693, A306 (ADS)
- 132. Placco, V. M., Gupta, A. F., Almeida-Fernandes, F., Logsdon, S. E., Rajagopal, J., Holmbeck, E. M., Roederer, I. U., Della Costa, J., Fernandez, P., Golub, E., Higuera, J., Patel, Y., Ridgway, S., Schweiker, H. BD+44° 493: Chemo-Dynamical Analysis and Constraints on Companion Planetary Masses from WIYN/NEID Spectroscopy
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- 131. Barbuy, B., Friaça, A., Ernandes, H., da Silva, P., Souza, S., Fernández-Trincado, J., Cunha, K., Smith, V., Masseron, T., Pérez-Villegas, A., Chiappini, C., Queiroz, A., Santiago, B., Beers, T., Anders, F., Schiavon, R., Valentini, M., Minniti, D., Geisler, D., Souto, D., Placco, V. M., et. al. Abundances of iron-peak elements in 58 bulge spheroid stars from APOGEE 2024, Astronomy & Astrophysics, vol. 691, A296 (ADS)
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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)
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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. Discovery of a Metal-Poor Red Giant Star with the Highest Ultralithium Enhancement 2024, The Astrophysical Journal, vol. 973, 125 (ADS)
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- 123. Xylakis-Dornbusch, T., Hansen, T. T., Beers, T. C., Christlieb, N., Ezzeddine, R., Frebel, A., Holmbeck, E., Placco, V. M., Roederer, I. U., Sakari, C. M., Sneden, C. The R-Process Alliance: Analysis of Limited-r Stars 2024, Astronomy & Astrophysics, vol. 688, 123 (ADS)
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