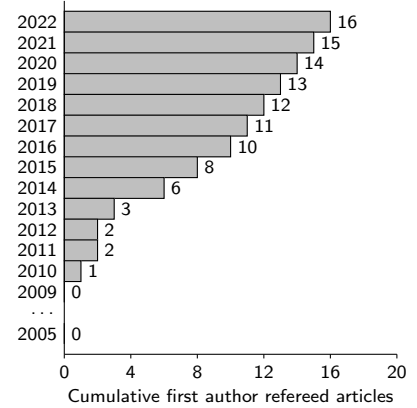


## Refereed articles

Total: 109 publications (incl. 16 first, 11 second, 15 third, and 15 fourth author articles)



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*  
**2022**, *The Astrophysical Journal*, submitted
108. 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. An Extended Sample of Halo r-Process-Enhanced Stars*  
**2022**, *The Astrophysical Journal*, submitted
107. Mardini, M., Frebel, A., Ezzeddine, R., Chiti, A., Meiron, Y., Ji, A., [Placco, V. M.](#), Roederer, I., Meléndez, J.  
*The chemical abundance pattern of the extremely metal-poor thin disk star 2MASS J1808–5104 and its origins*  
**2022**, *Monthly Notices of the Royal Astronomical Society*, submitted
106. 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., Côté, 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., Fröhlich, C., Frebel, A., Fryer, C., Fuller, G., Ganguly, A. K., Ghosh, S., Gibson, B., Gorda, T., Gourgoulatos, 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*, submitted
105. 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*  
**2022**, *The Astrophysical Journal*, submitted

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*Discovery of an Ultra Lithium-rich Metal-Poor Red Giant star*  
**2022**, *The Astrophysical Journal*, submitted
103. Razera, R., Barbuy, B., Moura, T., Ernandes, H., Pérez-Villegas, A., Souza, S. O., Chiappini, C., Queiroz, A. B. A., Anders, F., Fernández-Trincado, J. G., Friaça, A. C. S., Cunha, K., Smith, V. V., Santiago, B. X., Schiavon, R. P., Valentini, M., Minniti, D., Schultheis, M., Geisler, D., Sobek, J., [Placco, V. M.](#), Zoccali, M.  
*Abundance analysis of 58 APOGEE metal-poor spheroid bulge stars*  
**2022**, *Monthly Notices of the Royal Astronomical Society*, in press
- [102.](#) [Placco, V. M.](#), Almeida-Fernandes, F., Arentsen, A., Lee, Y. S., Schoenell, W., Ribeiro, T., Kanaan, A.  
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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 link](#) — [download pdf](#))
99. Shank, D., Komater, D., Beers, T., [Placco, V. M.](#), Huang, Y.  
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**2022**, *The Astrophysical Journal Supplement Series*, vol. 261, 19 ([ADS link](#) — [download 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*  
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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.  
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**2021, Astronomy & Astrophysics**, vol. 653, A31 ([ADS link](#) — [download 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*  
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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*  
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