

List of refereed Publications

- [1] **Kerzendorf, W. E.**, Schmidt, B. P., Asplund, M., Nomoto, K., Podsiadlowski, P., Frebel, A., Fesen, R. A., & Yong, D. 2009, *ApJ*, 701, 1665, “*Subaru High-Resolution Spectroscopy of Star G in the Tycho Supernova Remnant*” ([ADS link](#))
- [2] Tanaka, M., Mazzali, P. A., Stanishev, V., Maurer, I., **Kerzendorf, W. E.**, & Nomoto, K. 2011, *MNRAS*, 410, 1725, “*Abundance stratification in Type Ia supernovae - III. The normal SN 2003du*” ([ADS link](#))
- [3] **Kerzendorf, W. E.** 2011, PhD thesis, Australian National University, Research School of Astronomy & Astrophysics ([ADS link](#))
- [4] Harris, G. L. H., Gómez, M., Harris, W. E., Johnston, K., Kazemzadeh, F., **Kerzendorf, W.**, Geisler, D., & Woodley, K. A. 2012, *AJ*, 143, 84, “*Eight Hundred New Candidates for Globular Clusters in NGC 5128 (Centaurus A)*” ([ADS link](#))
- [5] **Kerzendorf, W. E.**, Schmidt, B. P., Laird, J. B., Podsiadlowski, P., & Bessell, M. S. 2012, *ApJ*, 759, 7, “*Hunting for the Progenitor of SN 1006: High-resolution Spectroscopic Search with the FLAMES Instrument*” ([ADS link](#))
- [6] Liu, Z.-W., Pakmor, R., Röpkke, F. K., Edelmann, P., Hillebrandt, W., **Kerzendorf, W. E.**, Wang, B., & Han, Z. W. 2013, *A&A*, 554, A109, “*Rotation of surviving companion stars after type Ia supernova explosions in the WD+MS scenario*” ([ADS link](#))
- [7] Law, N. M., Carlberg, R., Salbi, P., Ngan, W.-H. W., Ahmadi, A., Steinbring, E., Murowinski, R., Sivanandam, S., & **Kerzendorf, W.** 2013, *AJ*, 145, 58, “*Exoplanets from the Arctic: The First Wide-field Survey at 80degN*” ([ADS link](#))
- [8] Astropy Collaboration, Robitaille, T. P., Tollerud, E. J., Greenfield, P., Droettboom, M., Bray, E., Aldcroft, T., Davis, M., Ginsburg, A., Price-Whelan, A. M., **Kerzendorf, W. E.**, Conley, A., Crighton, N., Barbary, K., Muna, D., Ferguson, H., Grollier, F., Parikh, M. M., Nair, P. H., Unther, H. M., Deil, C., Woillez, J., Conseil, S., Kramer, R., Turner, J. E. H., Singer, L., Fox, R., Weaver, B. A., Zabalza, V., Edwards, Z. I., Azalee Bostroem, K., Burke, D. J., Casey, A. R., Crawford, S. M., Dencheva, N., Ely, J., Jenness, T., Labrie, K., Lim, P. L., Pierfederici, F., Pontzen, A., Ptak, A., Refsdal, B., Servillat, M., & Streicher, O. 2013, *A&A*, 558, A33, “*Astropy: A community Python package for astronomy*” ([ADS link](#))
- [9] **Kerzendorf, W. E.**, Yong, D., Schmidt, B. P., Simon, J. D., Jeffery, C. S., Anderson, J., Podsiadlowski, P., Gal-Yam, A., Silverman, J. M., Filippenko, A. V., Nomoto, K., Murphy, S. J., Bessell, M. S., Venn, K. A., & Foley, R. J. 2013, *ApJ*, 774, 99, “*A High-resolution Spectroscopic Search for the Remaining Donor for Tycho’s Supernova*” ([ADS link](#))
- [10] **Kerzendorf, W. E.**, Taubenberger, S., Seitzzahl, I. R., & Ruitter, A. J. 2014, *ApJ*, 796, L26, “*Very Late Photometry of SN 2011fe*” ([ADS link](#))
- [11] **Kerzendorf, W. E.**, Childress, M., Scharwächter, J., Do, T., & Schmidt, B. P. 2014, *ApJ*, 782, 27, “*A Reconnaissance of the Possible Donor Stars to the Kepler Supernova*” ([ADS link](#))
- [12] **Kerzendorf, W. E.**, & Sim, S. A. 2014, *MNRAS*, 440, 387, “*A spectral synthesis code for rapid modelling of supernovae*” ([ADS link](#))
- [13] Do, T., **Kerzendorf, W.**, Winsor, N., Støstad, M., Morris, M. R., Lu, J. R., & Ghez, A. M. 2015, *ApJ*, 809, 143, “*Discovery of Low-metallicity Stars in the Central Parsec of the Milky Way*” ([ADS link](#))
- [14] Jeffery, C. S., Ahmad, A., Naslim, N., & **Kerzendorf, W.** 2015, *MNRAS*, 446, 1889, “*Radial-velocity measurements of the pulsating zirconium star: LS IV-14deg116*” ([ADS link](#))
- [15] Taubenberger, S., Elias-Rosa, N., **Kerzendorf, W. E.**, Hachinger, S., Spyromilio, J., Fransson, C., Kromer, M., Ruitter, A. J., Seitzzahl, I. R., Benetti, S., Cappellaro, E., Pastorello, A., Turatto, M., & Marchetti, A. 2015, *MNRAS*, 448, L48, “*Spectroscopy of the Type Ia supernova 2011fe past 1000 d*” ([ADS link](#))