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17 ing GitHub repository https://github.com/broulston/

18 dwarf-carbon-star-formation-paper.



X-ray Properties of Post-Common-Envelope Dwarf Carbon Stars

Benjamin R. Roulston ^[D] Division of Physics, Mathematics, and Astronomy, California Institute of Technology, Pasadena, CA 91125, USA (Received May 31, 2023) Submitted to ApJ ABSTRACT Abstract Abstract Abstract Keywords: Binary stars (154), Carbon stars (199), Chemical abundances (224), Chemically peculiar stars (226), Close binary stars (254), Common envelope evolution (2154) Late-type stars (909), Stellar accretion (1578) 10 1. INTRODUCTION Software: Astropy (Astropy Collaboration et al. 11 20 2013, 2018, 2022), Matplotlib (Hunter 2007), Numpy 2. DISCUSSION 12 21 (Harris et al. 2020), Scipy (Virtanen et al. 2020), TOP-22 CAT (Taylor 2005) 13 This paper made use of the show your work! workflow 14 management tool for open source scientific articles. The 15 data, code, and all supporting material to reproduce 16 this paper and the results can be found at the follow-

REFERENCES

23 Astropy Collaboration, Robitaille, T. P., Tollerud, E. J., 30 Harris, C. R., Millman, K. J., van der Walt, S. J., et al. 2020, Array programming with NumPy, et al. 2013, A&A, 558, A33, doi: 10.1038/s41586-020-2649-2 doi: 10.1051/0004-6361/201322068 33 Hunter, J. D. 2007, Computing in Science & Engineering, 9, 90, doi: 10.1109/MCSE.2007.55 ²⁶ Astropy Collaboration, Price-Whelan, A. M., Sipőcz, B. M., 35 Taylor, M. B. 2005, in Astronomical Society of the Pacific Conference Series, Vol. 347, Astronomical Data Analysis et al. 2018, AJ, 156, 123, doi: 10.3847/1538-3881/aabc4f Software and Systems XIV, ed. P. Shopbell, M. Britton, & R. Ebert, 29 28 Astropy Collaboration, Price-Whelan, A. M., Lim, P. L., ³⁹ Virtanen, P., Gommers, R., Oliphant, T. E., et al. 2020, et al. 2022, ApJ, 935, 167, doi: 10.3847/1538-4357/ac7c74 Nature Methods, 17, 261, doi: 10.1038/s41592-019-0686-2

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