

- A. Refereed Publications
- B. Non-refereed Publications
- C. Theses
- D. Articles in Books
- E. Edited Books

#### A. Refereed Publications

1. Werner, K., Rauch, T., Kruk, J.W. 2018, “The hot white dwarf in the peculiar binary nucleus of the planetary nebula EGB 6”, A&A, accepted
2. Werner, K., Rauch, T., Knörzer, M., Kruk, J.W. 2018, “First detection of bromine and antimony in hot stars”, A&A, 614, A96
3. Hoyer, D., Rauch, T., Werner, K., Kruk, J.W. 2018, “Search for trans-iron elements in hot, helium-rich white dwarfs with the HST Cosmic Origins Spectrograph”, A&A, 612, A62
4. Conti, L., Barnstedt, J., Hanke, L., Kalkuhl, C., Kappelman, N., Rauch, T., Stelzer, B., Werner, K., Elsener, H.-R., Schaadt, D.M. 2018, “MCP detector development for UV space missions”, Ap&SS, 363, 63
5. Rauch, T., Demleitner, M., Hoyer, D., Werner, K. 2018, “Stellar parameters for the central star of the planetary nebula PRTM 1 using the German Astrophysical Virtual Observatory service TheoSSA”, MNRAS, 475, 3896
6. Werner, K., Rauch, T., Kruk, J.W. 2018, “Metal abundances in hot white dwarfs with signatures of a superionized wind”, A&A, 609, A107
7. Rauch, T., Quinet, P., Knörzer, M., Hoyer, D., Werner, K., Kruk, J.W., Demleitner, M. 2017, “Stellar laboratories IX. New Se V, Sr IV-VII, Te VI, and I VI oscillator strengths and the Se, Sr, Te, and I abundances of the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 606, A105
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10. Werner, K., Rauch, T., Kruk, J.W. 2017, “Far-UV spectroscopy of two extremely hot, helium-rich white dwarfs”, A&A, 601, A8
11. Suleimanov, V.F., Klochkov, D., Poutanen, J., Werner, K. 2017, “Probing the possibility of hotspots on the central neutron star in HESS J1731–347”, A&A, 600, A43
12. Rauch, T., Gamrath, S., Quinet, P., Löbbling, L., Hoyer, D., Werner, K., Kruk, J.W., Demleitner, M. 2017, “Stellar laboratories VIII. New Zr IV–VII, Xe IV–V, and Xe VII oscillator strengths and the Al, Zr, and Xe abundances of the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 599, A142
13. Hoyer, D., Rauch, T., Werner, K., Kruk, J.W., Quinet, P. 2017, “The complete spectral energy distribution of the hot, helium-rich white dwarf RX J0503.9–2854”, A&A, 598, A135
14. Suleimanov, V.F., Poutanen, J., Nättilä, J., Kajava, J.J.E., Revnivtsev, M.G., Werner, K. 2017, “The direct cooling tail method for X-ray burst analysis to constrain neutron star masses and radii”, MNRAS, 466, 906
15. Reindl, N., Rauch, T., Miller Bertolami, M.M., Todt, H., Werner, K. 2017, “Breaking news from the HST: the central star of the Stingray Nebula is now returning towards the AGB”, MNRAS, 464, L51
16. Werner, K., Rauch, T., Kruk, J.W. 2016, “The far-ultraviolet spectra of two hot PG 1159 stars”, A&A, 593, A104
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21. Rauch, T., Quinet, P., Hoyer, D., Werner, K., Demleitner, M., Kruk, J.W. 2016, “Stellar laboratories VI. New Mo IV–VII oscillator strengths and the molybdenum abundance in the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 587, A39
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24. Richter, P., de Boer, K.S., Werner, K., Rauch, T. 2015, “High-velocity gas toward the LMC resides in the Milky Way halo”, A&A, 584, L6
25. Werner, K., Rauch, T. 2015, “Analysis of HST/COS spectra of the bare C-O stellar core H1504+65 and a high-velocity twin in the Galactic halo”, A&A, 584, A19
26. Werner, K., Rauch, T. 2015, “Hubble Space Telescope ultraviolet spectroscopy of the hottest known helium-rich pre-white dwarf KPD0005+5106”, A&A, 583, A131
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