

- 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. 2017, “Metal abundances in hot white dwarfs with signatures of a superionized wind”, A&A, accepted
2. 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
3. Suleimanov, V.F., Kajava, J.J.E., Molkov, S.V., Näätä, J., Lutovinov, A.A., Werner, K., Poutanen, J. 2017, “Basic parameters of the helium accreting X-ray bursting neutron star in 4U 1830–30”, MNRAS, 472, 3905
4. Hambaryan, V., Suleimanov, V., Haberl, F., Schwobe, A.D., Neuhäuser, R., Hohle, M., Werner, K. 2017, “On the compactness of the isolated neutron star RX J0720.4–3125”, A&A, 601, A108
5. Werner, K., Rauch, T., Kruk, J.W. 2017, “Far-UV spectroscopy of two extremely hot, helium-rich white dwarfs”, A&A, 601, A8
6. 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
7. 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
8. 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
9. Suleimanov, V.F., Poutanen, J., Näätä, 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
10. 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
11. Werner, K., Rauch, T., Kruk, J.W. 2016, “The far-ultraviolet spectra of two hot PG 1159 stars”, A&A, 593, A104
12. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2016, “The gaseous debris disk of the white dwarf SDSS J1228+1040. HST/COS search for far-ultraviolet signatures”, A&A, 593, A67
13. Werner, K., Rauch, T., Hoyer, D., Quinet, P. 2016, “Detection of forbidden line components of lithium-like carbon in stellar spectra”, ApJL, 827, L4
14. Suleimanov, V., Doroshenko, V., Ducci, L., Zhukov, G.V., Werner, K. 2016, “GK Per and EX Hya: Intermediate polars with small magnetospheres”, A&A, 591, A35
15. Rauch, T., Quinet, P., Hoyer, D., Werner, K., Richter, P., Kruk, J.W., Demleitner, M. 2016, “Stellar laboratories VII. New Kr IV–VII oscillator strengths and an improved spectral analysis of the hot, hydrogen-deficient DO-type white dwarf RE 0503–289”, A&A, 590, A128
16. 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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21. 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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24. Rauch, T., Werner, K., Quinet, P., Kruk, J.W. 2015, “Stellar laboratories IV. New Ga IV, Ga V, and Ga VI oscillator strengths and the gallium abundance in the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 577, A6
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