

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

A. Refereed Publications

1. 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*, accepted
2. 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*, accepted
3. 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
4. Werner, K., Rauch, T., Kruk, J.W. 2018, “Metal abundances in hot white dwarfs with signatures of a superionized wind”, *A&A*, 609, A107
5. 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 RE0503–289”, *A&A*, 606, A105
6. Suleimanov, V.F., Kajava, J.J.E., Molkov, S.V., Nästtilä, 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
7. Hambaryan, V., Suleimanov, V., Haberl, F., Schwöpe, 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
8. Werner, K., Rauch, T., Kruk, J.W. 2017, “Far-UV spectroscopy of two extremely hot, helium-rich white dwarfs”, *A&A*, 601, A8
9. 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
10. 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 RE0503–289”, *A&A*, 599, A142
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12. Suleimanov, V.F., Poutanen, J., Nästtilä, 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
13. 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
14. Werner, K., Rauch, T., Kruk, J.W. 2016, “The far-ultraviolet spectra of two hot PG 1159 stars”, *A&A*, 593, A104
15. 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
16. Werner, K., Rauch, T., Hoyer, D., Quinet, P. 2016, “Detection of forbidden line components of lithium-like carbon in stellar spectra”, *ApJL*, 827, L4
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23. 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
24. 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
25. Werner, K., Rauch, T., Kruk, J.W. 2015, “The far-ultraviolet spectra of “cool” PG 1159 stars”, *A&A*, 582, A94
26. Hoyer, D., Rauch, T., Werner, K., Hauschildt, P.H., Kruk, J.W. 2015, “Search with UVES and XSHOOTER for signatures of the low-mass secondary in the post-common envelope binary AA Doradus”, *A&A*, 578, A125

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