

- A. Refereed Publications
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A. Refereed Publications

1. Córscico, A.H., Calcaferro, L.M., Uzundag, M., Althaus, L.G., Kepler, S.O., Werner, K. 2024, “An analysis of spectroscopic, seismic, and astrometric masses of pulsating white dwarf stars”, A&A, submitted
2. Bond, H.E., Chaturvedi, A.S., Ciardullo, R., Werner, K., Zeimann, G.R., Siegel, M.H. 2024, “Spectroscopic survey of faint planetary-nebula nuclei. V. The EGB 6-Type Central Star of Abell 57”, ApJ, submitted
3. Suleimanov, V.F., Tavleev, A.S., Doroshenko, V., Werner, K. 2024, “Application of hydrostatic LTE atmosphere models to interpretation of supersoft X-ray sources spectra”, A&A, submitted
4. Werner, K., Todt, H., Bond, H.E., Zeimann, G.R. 2024, “Spectroscopic survey of faint planetary-nebula nuclei. III. A [WC] central star and two new PG1159 nuclei”, A&A, accepted
5. Calcaferro, L.M., Sowicka, P., Uzundag, M., Córscico, A.H., Kepler, S.O., Bell, K.J., Althaus, L.G., Handler, G., Kawaler, S.D., Werner, K. 2024, “Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. VI. Asteroseismology of the GW Vir-type central star of the Planetary Nebula NGC 246”, A&A, accepted
6. Kovtyukh, V.V., Andrievsky, S.M., Werner, K., Korotin, S.A., Kniazev, A.Y. 2024, “Lithium Cepheid V708 Car with an unusual chemical composition”, A&A, 684, A145
7. Werner, K., Reindl, N., Rauch, T., El-Badry, K., Bédard, A. 2024, “The photospheres of the hottest fastest stars in the Galaxy”, A&A, 682, A42
8. Kovtyukh, V.V., Andrievsky, S.M., Werner, K., Korotin, S.A. 2023, “Unique distant classical cepheid OGLE GD-CEP-1353 with anomalously high abundances of s- and r-process elements”, A&A, 679, A140
9. Sowicka, P., Handler, G., Jones, D., Caldwell, J.A.R., van Wyk, F., Paunzen, E., Bakowska, K., Peralta de Arriba, L., Short, P., Suarez-Andres, L., Karjalainen, M., Werner, K., Humphries, S., Tabor, M., Holdsworth, D.L. 2023, “The GW Vir instability strip in the light of new observations of PG 1159 stars. Discovery of pulsations in the central star of Abell 72 and variability of RX J0122.9–7521”, ApJS, 269, 32
10. Werner, K., Reindl, N., Raddi, R., Griggio, M., Bedin, L.R., Camisassa, M.E., Rebassa-Mansergas, A., Torres, S., Goodhew, P. 2023, “The unusual planetary nebula nucleus in the Galactic open cluster M37 and six further hot white dwarf candidates”, A&A, 678, A89
11. Andrievsky, S.M., Korotin, S.A., Werner, K. 2023, “Abundance of radioactive technetium in Przybylski’s star revisited”, AN, 344, e230077
12. Reindl, N., Islami, R., Werner, K., Kepler, S.O., Pritzkeleit, M., Dawson, H., Dorsch, M., Istrate, A., Pelisoli, I., Geier, S., Uzundag, M., Provencal, J., Justham, S. 2023, “The bright blue side of the night sky: Spectroscopic survey of bright and hot (pre-) white dwarfs”, A&A, 677, A29
13. Weidmann, W.A., Werner, K., Ahumada, J.A., Pignata, R.A., Firpo, V. 2023, “Revealing the ionising star of evolved planetary nebulae”, A&A, 676, A1
14. Andrievsky, S.M., Korotin, S.A., Werner, K., Kovtyukh, V.V. 2023, “An enigma of Przybylski’s star: is there promethium on its surface?”, AN, 344, e230056
15. Bond, H.E., Werner, K., Zeimann, G.R., Talbot, J. 2023, “Spectroscopic survey of faint planetary-nebula nuclei. II. The subdwarf O central star of Fr 2-30”, MNRAS, 523, 3699
16. Suleimanov, V.F., Poutanen, J., Doroshenko, V., Werner, K. 2023, “Expected polarization properties of non-magnetized CCOs”, A&A, 673, A15
17. Greiner, J., Maitra, C., Haberl, F., Willer, R., Burgess, J.M., Langer, N., Bodensteiner, J., Buckley, D.A.H., Monageng, I.M., Udalski, A., Ritter, H., Werner, K., Maggi, P., Jayaraman, R., Vanderspek, R. 2023, “A helium-burning white dwarf binary as a supersoft X-ray source”, Nature, 615, 605
18. Bond, H.E., Werner, K., Jacoby, G.H., Zeimann, G.R. 2023, “Spectroscopic survey of faint planetary-nebula nuclei. I. Six new O VI central stars”, MNRAS, 521, 668
19. Jeffery, C.S., Werner, K., Kilkenny, D., Miszalski, B., Monageng, I., Snowdon, E.J. 2023, “Hot white dwarfs and pre-white dwarfs discovered with SALT”, MNRAS, 519, 2312
20. Suleimanov, V.F., Mushtukov, A., Ognev, I., Doroshenko, V.A., Werner, K. 2022, “Opacity of a strongly magnetized high temperature plasma”, MNRAS, 517, 4022
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23. Uzundag, M., Córscico, A.H., Kepler, S.O., Althaus, L., Werner, K., Reindl, N., Vučković, M. 2022, “Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. IV. Discovery of two new GW Vir stars: TIC 0403800675 and TIC 1989122424”, MNRAS, 513, 2285

24. Suleimanov, V.F., Doroshenko, V., Werner, K. 2022, “Hard X-ray luminosity functions of cataclysmic variables: Joint Swift/BAT and Gaia data”, *MNRAS*, 511, 4937
25. Werner, K., Reindl, N., Geier, S., Pritzkeleit, M. 2022, “Discovery of hot subdwarfs covered with helium-burning ash”, *MNRAS*, 511, L66
26. Werner, K., Reindl, N., Dorsch, M., Geier, S., Munari, U., Raddi, R. 2022, “Non-local thermodynamic equilibrium spectral analysis of five hot hydrogen-deficient pre-white dwarfs”, *A&A*, 658, A66
27. Uzundag, M., Córscico, A.H., Kepler, S.O., Althaus, L., Werner, K., Reindl, N., Bell, K.J., Higgins, M., Vučković, M., Istrate, A. 2021, “Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. II. Discovery of two new GW Vir stars: TIC 333432673 and TIC 095332541”, *A&A*, 655, A27
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30. Suleimanov, V.F., Poutanen, J., Werner, K. 2020, “Observational appearance of rapidly rotating neutron stars: X-ray bursts, cooling tail method and radius determination”, *A&A*, 639, A33
31. Rauch, T., Gamrath, S., Quinet, P., Demleitner, M., Knörzer, M., Werner, K., Kruk, J.W. 2020, “Stellar laboratories X. New Cu IV-VII oscillator strengths and the first detection of copper and indium in hot white dwarfs”, *A&A*, 637, A4
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46. Suleimanov, V.F., Kajava, J.J.E., Molkov, S.V., Nättilä, 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
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B. Non-refereed Publications

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