

# SCIENTIFIC PUBLICATIONS UTILIZING DATA FROM THE UNIVERSITY OF ATHENS OBSERVATORY

*(The list below includes scientific publications between the years 2000-2025)*

## ***Publications of scientific papers in high-IF refereed journals:***

1. Ortiz, J. L.; Morales, N.; Sicardy, B. et al. (Gazeas, K. co-author), "A high geometric albedo and small size of the Haumea cluster member (24835) 1995 SM55 from a stellar occultation and photometric observations", 2025, A&A, 703, 147
2. Merc, Jaroslav; Wyrzykowski, Łukasz; Beck, Paul G. et al. (Gazeas, K. co-author), "Is the symbiotic recurrent nova T CrB late? Recent photometric evolution and comparison with past pre-outburst behavior", 2025, MNRAS, 541, 14
3. Dogra, Karan; Gupta, Alok C.; Raiteri, C. M. et al. (Gazeas, K. co-author), "Multiband Optical Variability of the Blazar 3C 454.3 on Diverse Timescales", 2025, ApJS, 276, 1D
4. Raiteri, C. M.; Villata, M.; Carnerero, M. I. et al. (Gazeas, K. co-author), "A wiggling filamentary jet at the origin of the blazar multi-wavelength behavior", 2024, A&A, 692, 48R
5. Álvarez-Hernández, A. ; Torres, M. A. P. ; Shahbaz, T. ; Rodríguez-Gil, P. ; Gazeas, K. D. ; Sánchez-Sierras, J. ; Jonker, P. G. ; Corral-Santana, J. M. ; Acosta-Pulido, J. A. ; Hakala, P., "The mass of the white dwarf in YY Dra (=DO Dra): Dynamical measurement and comparative study with X-ray estimates", 2024, A&A, 690A, 218A
6. Athanasopoulos, D.; Hanuš, J.; Avdellidou, C.; van Belle, G.; Ferrero, A.; Bonamico, R.; Gazeas, K.; Delbo, M.; Rivet, J. P.; Apostolovska, G.; Todorović, N.; Novakovic, B.; Bebekovska, E. V.; Romanyuk, Y.; Bolin, B. T.; Zhou, W.; Agrusa, H., "Spin states of X-complex asteroids in the inner main belt: I. Investigating Athor and Zita collisional families", 2024, A&A, 690A, 215A
7. Liakos, A., Moriarty, D. J. W., Erdem, A., et al., "Modelling of eclipsing binary systems with pulsating components and tertiary companions: BF Vel and RR Lep", 2024, A&A, 691, 260
8. MAGIC Collaboration; Abe, H.; Abe, S. et al. (Gazeas, K. co-author), "Multi-year characterisation of the broad-band emission from the intermittent extreme BL Lac 1ES 2344+514", 2024, A&A, 682A, 114M
9. Raiteri, C. M.; Villata, M.; Carnerero, M. I. et al. (Gazeas, K. co-author), "Extreme photometric and polarimetric variability of blazar S4 0954+65 at its maximum optical and  $\gamma$ -ray brightness levels", 2023, MNRAS, 526, 4502
10. Rommel, F. L.; Braga-Ribas, F.; Ortiz, J. L. et al. (Gazeas, K. co-author), "A large topographic feature on the surface of the trans-Neptunian object (307261) 2002 MS4 measured from stellar occultations", 2023, A&A, 678, 167
11. Álvarez-Hernández, A.; Torres, M. A. P.; Rodríguez-Gil, P. et al. (Gazeas, K. co-author), "Dynamical mass of the white dwarf in XY Ari: a test for intermediate polar X-ray spectral models", 2023 MNRAS, 524, 3314
12. Raiteri, C. M.; Villata, M.; Jorstad, S. G. et al. (Gazeas, K. co-author), "The optical behaviour of BL Lacertae at its maximum brightness levels: a blend of geometry and energetics", 2023, MNRAS, 522, 102

13. Abe, H.; Abe, S.; Acciari, V. A. et al. (Gazeas, K. co-author), "Multimessenger Characterization of Markarian 501 during Historically Low X-Ray and  $\gamma$ -Ray Activity", 2023, *ApJS*, 266, 37
14. Emelyanov, N.; Arlot, J. -E.; Anbazhagan, P. et al. (Gazeas, K. co-author), "The PHEMU21 catalogue and astrometric results of the observations of the mutual occultations and eclipses of the Galilean satellites of Jupiter made in 2021", 2022, *MNRAS*, 516, 3685
15. Athanasopoulos, D.; Hanuš, J.; Avdellidou, C. et al. (Gazeas, K. co-author), "Asteroid spin-states of a 4 Gyr collisional family", 2022, *A&A*, 666, 116
16. Latković, O.; Gazeas, K.; Markov, H., Čeki, A.; Palafouta, S., "Eccentric orbits and apsidal motion in the eclipsing binaries EK Cep and HS Her", 2022, *MNRAS*, 514, 5813
17. Loukaidou, G. A.; Gazeas, K. D.; Palafouta, S.; Athanasopoulos, D.; Zola, S.; Liakos, A.; Niarchos, P. G.; Hakala, P.; Essam, A.; Hatzidimitriou, D., "CoBiToM Project - II. Evolution of contact binary systems close to the orbital period cut-off", 2022, *MNRAS*, 514, 5528
18. Valtonen, Mauri J.; Dey, Lankeswar; Zola, S.; Ciprini, S.; Kidger, M.; Pursimo, T.; Gopakumar, A.; Matsumoto, K.; Sadakane, K.; Caton, D. B.; Nilsson, K.; Komossa, S.; Bagaglia, M.; Baransky, A.; Boumis, P.; Boyd, D.; Castro-Tirado, A. J.; Debski, B.; Drozd, M.; Escartin Pérez, A.; Fiorucci, M.; Garcia, F.; Gazeas, K.; Ghosh, S.; Godunova, V.; Gomez, J. L.; Gredel, R.; Grupe, D.; Haislip, J. B.; Henning, T.; Hurst, G.; Janík, J.; Kouprianov, V. V.; Lehto, H.; Liakos, A.; Mathur, S.; Mugrauer, M.; Naves Noguees, R.; Nucciarelli, G.; Ogloza, W.; Ojha, D. K.; Pajdosz-Śmierciak, U.; Pascolini, S.; Poyner, G.; Reichart, D. E.; Rizzi, N.; Roncella, F.; Sahu, D. K.; Sillanpää, A.; Simon, A.; Siwak, M.; Soldán Alfaro, F. C.; Sonbas, E.; Tosti, G.; Vasylenko, V.; Webb, J. R.; Zielinski, P., "Host galaxy magnitude of OJ 287 from its colours at minimum light", 2022, *MNRAS*, 514, 3017
19. Santos-Sanz, P.; Ortiz, J. L.; Sicardy, B.; Popescu, M.; Benedetti-Rossi, G.; Morales, N.; Varalubiano, M.; Camargo, J. I. B.; Pereira, C. L.; Rommel, F. L.; Assafin, M.; Desmars, J.; Braga-Ribas, F.; Duffard, R.; Marques Oliveira, J.; Vieira-Martins, R.; Fernández-Valenzuela, E.; Morgado, B. E.; Acar, M.; Anghel, S.; Atalay, E.; Ateş, A.; Bakiş, H.; Bakis, V.; Eker, Z.; Erece, O.; Kaspi, S.; Kayhan, C.; Kilic, S. E.; Kilic, Y.; Manulis, I.; Nedelcu, D. A.; Niaei, M. S.; Nir, G.; Ofek, E.; Ozisik, T.; Petrescu, E.; Satir, O.; Solmaz, A.; Sonka, A.; Tekes, M.; Unsalan, O.; Yesilyaprak, C.; Anghel, R.; Berteşteanu, D.; Curelaru, L.; Danescu, C.; Dumitrescu, V.; Gherase, R.; Hudin, L.; Stoian, A. -M.; Tercu, J. O.; Truta, R.; Turcu, V.; Vantdevara, C.; Belskaya, I.; Dementiev, T. O.; Gazeas, K.; Karampotsiou, S.; Kashuba, V.; Kiss, Cs.; Koshkin, N.; Kozhukhov, O. M.; Krugly, Y.; Lecacheux, J.; Pal, A.; Püsküllü, Ç.; Szakats, R.; Zhukov, V.; Bamberger, D.; Mondon, B.; Perelló, C.; Pratt, A.; Schnabel, C.; Selva, A.; Teng, J. P.; Tigani, K.; Tsamis, V.; Weber, C.; Wells, G.; Kalkan, S.; Kudak, V.; Marciniak, A.; Ogloza, W.; Özdemir, T.; Pakštienė, E.; Perig, V.; Žejmo, M., "Physical properties of the trans-Neptunian object (38628) Huya from a multi-chord stellar occultation", 2022, *A&A*, 664, 130
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Refereed (high-IF):	119
Refereed (low-IF):	41
Non-refereed:	141

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<b>TOTAL</b>	<b>301</b>
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