Maciek Wielgus

Complete list of papers - updated: December 2021

Journal papers

- 61. *Collimation of the relativistic jet in the quasar 3C 273*, Okino, H., Akiyama, K., Asada, K., +32 authors, submitted to ApJ, arXiv:2112.12233,
- 60. *The intrinsic structure of Sagittarius A* at 1.3 cm and 7 mm*, Cho, I., Zhao, G.-Y., Kawashima, T., +63 authors, accepted in ApJ, arXiv:2112.04929,
- 59. *The Variability of the Black-Hole Image in M87 at the Dynamical Time Scale*, Satapathy, K., Psaltis, D., Ozel, F., Medeiros, L., Dougall, S. T., Chan, C., **Wielgus**, **M.**, +231 authors, accepted in ApJ, arXiv:2111.01317,
- 58. *Photon rings of spherically symmetric black holes and robust tests of non-Kerr metrics*, **Wielgus**, **M.**, PRD 104, 124058 (2021), arXiv:2109.10840,
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- 56. *Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz*, Issaoun, S., Johnson, M., Blackburn, L., Broderick, A., Tiede, P., **Wielgus, M.**, + 23 authors, ApJ 915, 99 (2021), arXiv:2104.07610,
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- 50. First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon, EHT Collaboration (240 authors), ApJL 910, L13 (2021),
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- 46. *Reflection-asymmetric wormholes and their double shadows*, **Wielgus**, **M.**, Horák, J., Vincent, F., Abramowicz, M., PRD 102, 084044 (2020), arXiv:2008.10130,
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- 37. Optically thin outbursts of rotating neutron stars can not be spherical, **Wielgus, M.**, MNRAS, 488, 4937 (2019), arXiv:1907.11268,
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