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Papers (short authorlist)

10. **Aditya Vijaykumar**, Avinash Tiwari, Shasvath J. Kapadia, K.G. Arun, Parameswaran Ajith

Waltzing binaries: Probing line-of-sight acceleration of merging compact objects with gravitational waves

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9. Adhrit Ravichandran, **Aditya Vijaykumar**, Shasvath J. Kapadia, Prayush Kumar Rapid Identification and Classification of Eccentric Gravitational Wave Inspirals with Machine Learning

Submitted to *Physical Review D*, arXiv:2302.00666.

- 8. Srashti Goyal, **Aditya Vijaykumar**, Jose Maria Ezquiaga, Miguel Zumalacarregui *Probing lens-induced gravitational-wave birefringence as a test of general relativity* Submitted to *Physical Review D*, arXiv:2301.04826.
- 7. Bikram Keshari Pradhan, **Aditya Vijaykumar**, Debarati Chatterjee
 Impact of updated Multipole Love and f-Love Universal Relations in context of Binary Neutron
 Stars

Phys. Rev. D. 107 (2023) 2, 023010, arXiv:2210.09425.

6. Aditya Vijaykumar, Shasvath J. Kapadia, Parameswaran Ajith Can a binary neutron star merger in the vicinity of a supermassive black hole enable a detection of a post-merger gravitational wave signal?

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- 5. Aditya Vijaykumar, Ajit Kumar Mehta, Apratim Ganguly

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- Sumit Kumar, Aditya Vijaykumar, Alexander H. Nitz
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 ApJ 930 113, arXiv:2110.06152.
- 3. M. Saleem et al. (including **Aditya Vijaykumar**)

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- 2. Aditya Vijaykumar, M. V. S. Saketh, Sumit Kumar, Parameswaran Ajith, Tirthankar Roy Choudhury

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1. Aditya Vijaykumar, Shasvath J. Kapadia, Parameswaran Ajith

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- 4. Abbott et al. (LIGO Scientific and Virgo Collaborations)

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 Accepted to Physical Review D, arXiv:2112.06861.
- Abbott et al. (LIGO Scientific and Virgo Collaborations)
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- 2. Abbott et al. (LIGO Scientific and Virgo Collaborations)

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 Phys. Rev. X 11 (2021) 021053, arXiv:2010.14527.
- 1. P. Virtanen et al. (including Aditya Vijaykumar as SciPy 1.0 Contributor) SciPy 1.0-Fundamental Algorithms for Scientific Computing in Python, Nat Methods 17, 261–272 (2020), arXiv:1907.10121.