

# Ajit Kumar Mehta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5913739/publications.pdf>

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9  
papers

304  
citations

1040056

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1474206

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g-index

9  
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docs citations

9  
times ranked

494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for Gravitational Lensing Signatures in LIGO-Virgo Binary Black Hole Events. <i>Astrophysical Journal Letters</i> , 2019, 874, L2.	8.3	107
2	A Detailed Analysis of GW190521 with Phenomenological Waveform Models. <i>Astrophysical Journal</i> , 2022, 924, 79.	4.5	35
3	Observing Intermediate-mass Black Holes and the Upper Stellar-mass gap with LIGO and Virgo. <i>Astrophysical Journal</i> , 2022, 924, 39.	4.5	32
4	Accurate inspiral-merger-ringdown gravitational waveforms for nonspinning black-hole binaries including the effect of subdominant modes. <i>Physical Review D</i> , 2017, 96, .	4.7	30
5	Testing the nature of gravitational-wave polarizations using strongly lensed signals. <i>Physical Review D</i> , 2021, 103, .	4.7	30
6	Testing the no-hair nature of binary black holes using the consistency of multipolar gravitational radiation. <i>Physical Review D</i> , 2020, 101, .	4.7	18
7	Constraints on Compact Dark Matter from Gravitational Wave Microlensing. <i>Astrophysical Journal Letters</i> , 2022, 926, L28.	8.3	18
8	A no-hair test for binary black holes. <i>Physical Review D</i> , 2019, 99, .	4.7	17
9	Including mode mixing in a higher-multipole model for gravitational waveforms from nonspinning black-hole binaries. <i>Physical Review D</i> , 2019, 100, .	4.7	17