

Saleem Muhammed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4232903/publications.pdf>

Version: 2024-02-01

20
papers

1,913
citations

840119

11
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	The science case for LIGO-India. <i>Classical and Quantum Gravity</i> , 2022, 39, 025004.	1.5	48
2	Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. <i>Astrophysical Journal</i> , 2022, 925, 58.	1.6	3
3	Investigating the relation between gravitational wave tests of general relativity. <i>Physical Review D</i> , 2022, 105, .	1.6	13
4	Detectability of electromagnetic counterparts from neutron star mergers: prompt emission versus afterglow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2356-2366.	1.6	1
5	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
6	Hardware-accelerated inference for real-time gravitational-wave astronomy. <i>Nature Astronomy</i> , 2022, 6, 529-536.	4.2	3
7	Parametrized tests of post-Newtonian theory using principal component analysis. <i>Physical Review D</i> , 2022, 105, .	1.6	10
8	Population inference of spin-induced quadrupole moments as a probe for nonblack hole compact binaries. <i>Physical Review D</i> , 2022, 105, .	1.6	11
9	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144
10	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
11	Imprints of the redshift evolution of double neutron star merger rate on the signal-to-noise ratio distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 523-531.	1.6	2
12	On the Energetics of a Possible Relativistic Jet Associated with the Binary Neutron Star Merger Candidate S190425z. <i>Astrophysical Journal</i> , 2020, 891, 130.	1.6	4
13	Prospects of joint detections of neutron star mergers and short GRBs with Gaussian structured jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1633-1639.	1.6	11
14	Constraints on the binary black hole nature of GW151226 and GW170608 from the measurement of spin-induced quadrupole moments. <i>Physical Review D</i> , 2019, 100, .	1.6	23
15	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
16	Exploring short-GRB afterglow parameter space for observations in coincidence with gravitational waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5340-5350.	1.6	9
17	Rates of short-GRB afterglows in association with binary neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 699-707.	1.6	10
18	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69

#	ARTICLE	IF	CITATIONS
19	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	1.6	52
20	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225