

Vaibhav Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,452
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2639
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	26.7	808
2	Method for detection and reconstruction of gravitational wave transients with networks of advanced detectors. <i>Physical Review D</i> , 2016, 93, .	4.7	275
3	Estimation of the sensitive volume for gravitational-wave source populations using weighted Monte Carlo integration. <i>Classical and Quantum Gravity</i> , 2018, 35, 145009.	4.0	51
4	Proposed search for the detection of gravitational waves from eccentric binary black holes. <i>Physical Review D</i> , 2016, 93, .	4.7	47
5	The Emergence of Structure in the Binary Black Hole Mass Distribution. <i>Astrophysical Journal Letters</i> , 2021, 913, L19.	8.3	47
6	Constraining Black Hole Spins with Gravitational-wave Observations. <i>Astrophysical Journal</i> , 2018, 868, 140.	4.5	45
7	Regression of environmental noise in LIGO data. <i>Classical and Quantum Gravity</i> , 2015, 32, 165014.	4.0	39
8	coherent WaveBurst, a pipeline for unmodeled gravitational-wave data analysis. <i>SoftwareX</i> , 2021, 14, 100678.	2.6	37
9	Exploring Features in the Binary Black Hole Population. <i>Astrophysical Journal</i> , 2022, 928, 155.	4.5	25
10	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
11	Reconstruction of chirp mass in searches for gravitational wave transients. <i>Classical and Quantum Gravity</i> , 2016, 33, 01LT01.	4.0	18
12	VAMANA: modeling binary black hole population with minimal assumptions. <i>Classical and Quantum Gravity</i> , 2021, 38, 155007.	4.0	18
13	Understanding How Fast Black Holes Spin by Analyzing Data from the Second Gravitational-wave Catalogue. <i>Astrophysical Journal</i> , 2022, 928, 75.	4.5	14
14	Binary black hole mergers from merged stars in the Galactic field. <i>Physical Review D</i> , 2022, 106, .	4.7	8