

Eirini Messaritaki

List of Publications by Year in descending order

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35
papers

2,321
citations

218677

26
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

2290
citing authors

#	ARTICLE	IF	CITATIONS
1	CW150914: First results from the search for binary black hole coalescence with Advanced LIGO. Physical Review D, 2016, 93, .	4.7	315
2	Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. Physical Review Letters, 2005, 94, 181103.	7.8	130
3	Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. Physical Review D, 2007, 76, .	4.7	128
4	Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. Physical Review D, 2008, 77, .	4.7	126
5	Upper limits on gravitational wave emission from 78 radio pulsars. Physical Review D, 2007, 76, .	4.7	121
6	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. Astrophysical Journal, 2007, 659, 918-930.	4.5	120
7	Search for gravitational waves from galactic and extra-galactic binary neutron stars. Physical Review D, 2005, 72, .	4.7	109
8	Self-force of a scalar field for circular orbits about a Schwarzschild black hole. Physical Review D, 2003, 67, .	4.7	90
9	Upper limit map of a background of gravitational waves. Physical Review D, 2007, 76, .	4.7	90
10	Upper Limits on a Stochastic Background of Gravitational Waves. Physical Review Letters, 2005, 95, 221101.	7.8	89
11	Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. Physical Review D, 2005, 72, .	4.7	79
12	Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369.	4.0	78
13	First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. Physical Review D, 2005, 72, .	4.7	75
14	Search for gravitational waves from binary black hole inspirals in LIGO data. Physical Review D, 2006, 73, .	4.7	75
15	Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors. Physical Review D, 2005, 72, .	4.7	74
16	Search for gravitational waves associated with 39 gamma-ray bursts using data from the second, third, and fourth LIGO runs. Physical Review D, 2008, 77, .	4.7	60
17	Scalar field self-force effects on orbits about a Schwarzschild black hole. Physical Review D, 2004, 70, .	4.7	57
18	Upper limits on gravitational wave bursts in LIGO's second science run. Physical Review D, 2005, 72, .	4.7	57

#	ARTICLE	IF	CITATIONS
19	Search of S3 LIGO data for gravitational wave signals from spinning black hole and neutron star binary inspirals. <i>Physical Review D</i> , 2008, 78, .	4.7	54
20	Search for gravitational wave radiation associated with the pulsating tail of the SGR γ -ray flare of 27 December 2004 using LIGO. <i>Physical Review D</i> , 2007, 76, .	4.7	51
21	Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. <i>Physical Review D</i> , 2005, 72, .	4.7	49
22	Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , 2006, 73, .	4.7	40
23	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S29-S39.	4.0	40
24	Spatiotemporal dynamics in human visual cortex rapidly encode the emotional content of faces. <i>Human Brain Mapping</i> , 2018, 39, 3993-4006.	3.6	38
25	Optimization of graph construction can significantly increase the power of structural brain network studies. <i>NeuroImage</i> , 2019, 199, 495-511.	4.2	37
26	First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. <i>Physical Review D</i> , 2007, 76, .	4.7	35
27	Searching for gravitational waves from binary inspirals with LIGO. <i>Classical and Quantum Gravity</i> , 2004, 21, S1625-S1633.	4.0	31
28	Predicting MEG resting-state functional connectivity from microstructural information. <i>Network Neuroscience</i> , 2021, 5, 477-504.	2.6	20
29	Assessment and elimination of the effects of head movement on MEG resting-state measures of oscillatory brain activity. <i>NeuroImage</i> , 2017, 159, 302-324.	4.2	18
30	Dementia Risk Factors Modify Hubs but Leave Other Connectivity Measures Unchanged in Asymptomatic Individuals: A Graph Theoretical Analysis. <i>Brain Connectivity</i> , 2022, 12, 26-40.	1.7	9
31	The impact of graph construction scheme and community detection algorithm on the repeatability of community and hub identification in structural brain networks. <i>Human Brain Mapping</i> , 2021, 42, 4261-4280.	3.6	7
32	Report on the first binary black hole inspiral search in LIGO data. <i>Classical and Quantum Gravity</i> , 2005, 22, S1119-S1127.	4.0	4
33	Improving the Predictions of Computational Models of Convection-Enhanced Drug Delivery by Accounting for Diffusion Non-gaussianity. <i>Frontiers in Neurology</i> , 2018, 9, 1092.	2.4	3
34	Singular field used to calculate the self-force on nonspinning and spinning particles. <i>Physical Review D</i> , 2007, 75, .	4.7	1
35	Publisher's Note: All-sky search for periodic gravitational waves in LIGO S4 data [Phys. Rev. D77, 022001 (2008)]. <i>Physical Review D</i> , 2008, 77, .	4.7	0