John J Oh

List of Publications by Year
in descending order

24 papers	1,774 citations	623188 14 h-index	580395 25 g-index
25 all docs	25 docs citations	25 times ranked	2937 citing authors

#	Article	IF	Citations
1	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	8.2	808
2	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	1.5	225
3	Overview of KAGRA: Detector design and construction history. Progress of Theoretical and Experimental Physics, 2021, 2021, .	1.8	198
4	Application of machine learning algorithms to the study of noise artifacts in gravitational-wave data. Physical Review D, 2013, 88, .	1.6	89
5	Construction of KAGRA: an underground gravitational-wave observatory. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	73
6	Overview of KAGRA: Calibration, detector characterization, physical environmental monitors, and the geophysics interferometer. Progress of Theoretical and Experimental Physics, 2021, 2021, .	1.8	66
7	First cryogenic test operation of underground km-scale gravitational-wave observatory KAGRA. Classical and Quantum Gravity, 2019, 36, 165008.	1.5	45
8	Gravitationally collapsing shells in(2+1)dimensions. Physical Review D, 2006, 74, .	1.6	33
9	Dilaton driven Hawking radiation in AdS2 black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 189-195.	1.5	32
10	Role of angular momentum and cosmic censorship in(2+1)-dimensional rotating shell collapse. Physical Review D, 2009, 79, .	1.6	29
11	Decay rate and low-energy near-horizon dynamics of acoustic black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 608, 10-16.	1.5	28
12	Absorption cross section in warped AdS3black hole. Journal of High Energy Physics, 2009, 2009, 067-067.	1.6	26
13	Yang-Mills instantons from gravitational instantons. Journal of High Energy Physics, 2011, 2011, 1.	1.6	22
14	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	1.8	20
15	Application of artificial neural network to search for gravitational-wave signals associated with short gamma-ray bursts. Classical and Quantum Gravity, 2015, 32, 245002.	1.5	13
16	Gravitational collapse of the shells with the smeared gravitational source in noncommutative geometry. Journal of High Energy Physics, 2010, 2010, 1.	1.6	12
17	An arm length stabilization system for KAGRA and future gravitational-wave detectors. Classical and Quantum Gravity, 2020, 37, 035004.	1.5	10
18	An efficient representation of Euclidean gravity I. Journal of High Energy Physics, 2011, 2011, 1.	1.6	8

#	Article	IF	Citations
19	Application of independent component analysis to the iKAGRA data. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	7
20	Vibration isolation systems for the beam splitter and signal recycling mirrors of the KAGRA gravitational wave detector. Classical and Quantum Gravity, 2021, 38, 065011.	1.5	7
21	Absorption cross section in the topologically massive gravity atÂtheÂcritical point. European Physical Journal C, 2010, 65, 275.	1.4	6
22	Time series anomaly detection for gravitational-wave detectors based on the Hilbertâ€"Huang transform. Journal of the Korean Physical Society, 2021, 78, 878-885.	0.3	5
23	Neutron star structure in HoÅ™ava-Lifshitz gravity. Physical Review D, 2021, 103, .	1.6	4
24	Sensing and Vetoing Loud Transient Noises for the Gravitational-wave Detection. Journal of the Korean Physical Society, 2018, 73, 1197-1210.	0.3	2