

Yuhang Zhao

List of Publications by Year in descending order

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20
papers

1,175
citations

759233

12
h-index

839539

18
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20
all docs

20
docs citations

20
times ranked

1910
citing authors

#	ARTICLE	IF	CITATIONS
1	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
2	The Current Status and Future Prospects of KAGRA, the Large-Scale Cryogenic Gravitational Wave Telescope Built in the Kamioka Underground. Galaxies, 2022, 10, 63.	3.0	13
3	Improving the stability of frequency-dependent squeezing with bichromatic control of filter cavity length, alignment, and incident beam pointing. Physical Review D, 2022, 105, .	4.7	2
4	Overview of KAGRA: Detector design and construction history. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	198
5	Overview of KAGRA: KAGRA science. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	31
6	Overview of KAGRA: Calibration, detector characterization, physical environmental monitors, and the geophysics interferometer. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	66
7	Vibration isolation systems for the beam splitter and signal recycling mirrors of the KAGRA gravitational wave detector. Classical and Quantum Gravity, 2021, 38, 065011.	4.0	7
8	Radiative Cooling of the Thermally Isolated System in KAGRA Gravitational Wave Telescope. Journal of Physics: Conference Series, 2021, 1857, 012002.	0.4	1
9	Investigation of crackling noise in the vibration isolation systems of the KAGRA gravitational wave detector. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 416, 127664.	2.1	0
10	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
11	Application of independent component analysis to the iKAGRA data. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	7
12	Prospects for improving the sensitivity of the cryogenic gravitational wave detector KAGRA. Physical Review D, 2020, 102, .	4.7	12
13	Control of a filter cavity with coherent control sidebands. Physical Review D, 2020, 102, .	4.7	6
14	An arm length stabilization system for KAGRA and future gravitational-wave detectors. Classical and Quantum Gravity, 2020, 37, 035004.	4.0	10
15	Frequency-Dependent Squeezed Vacuum Source for Broadband Quantum Noise Reduction in Advanced Gravitational-Wave Detectors. Physical Review Letters, 2020, 124, 171101.	7.8	63
16	A peculiar low-luminosity short gamma-ray burst from a double neutron star merger progenitor. Nature Communications, 2018, 9, 447.	12.8	125
17	Construction of KAGRA: an underground gravitational-wave observatory. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	73
18	Measurement of optical losses in a high-finesse 300Åm filter cavity for broadband quantum noise reduction in gravitational-wave detectors. Physical Review D, 2018, 98, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	Measuring the speed of light with ultra-compact radio quasars. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 012-012.	5.4	80
20	A peculiar low-luminosity short gamma-ray burst from a double neutron star merger progenitor. , 0, .		1