

Hideki Asada

List of Publications by Year in descending order

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29
papers

2,109
citations

331670

21
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2429
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	Gravitational bending angle of light for finite distance and the Gauss-Bonnet theorem. <i>Physical Review D</i> , 2016, 94, .	4.7	160
3	Gravitomagnetic bending angle of light with finite-distance corrections in stationary axisymmetric spacetimes. <i>Physical Review D</i> , 2017, 96, .	4.7	127
4	Finite-distance corrections to the gravitational bending angle of light in the strong deflection limit. <i>Physical Review D</i> , 2017, 95, .	4.7	117
5	Deflection angle of light in an Ellis wormhole geometry. <i>Physical Review D</i> , 2012, 85, .	4.7	116
6	ASTROMETRIC IMAGE CENTROID DISPLACEMENTS DUE TO GRAVITATIONAL MICROLENSING BY THE ELLIS WORMHOLE. <i>Astrophysical Journal</i> , 2011, 740, 121.	4.5	92
7	Constraints on Cosmic Strings Using Data from the Third Advanced LIGO“Virgo Observing Run. <i>Physical Review Letters</i> , 2021, 126, 241102.	7.8	87
8	Deflection angle of light for an observer and source at finite distance from a rotating wormhole. <i>Physical Review D</i> , 2018, 98, .	4.7	70
9	Deflection angle of light for an observer and source at finite distance from a rotating global monopole. <i>Physical Review D</i> , 2019, 99, .	4.7	52
10	Gravitational lensing shear by an exotic lens object with negative convergence or negative mass. <i>Physical Review D</i> , 2013, 88, .	4.7	51
11	Demagnifying gravitational lenses toward hunting a clue of exotic matter and energy. <i>Physical Review D</i> , 2013, 87, .	4.7	48
12	Gravitational deflection angle of light: Definition by an observer and its application to an asymptotically nonflat spacetime. <i>Physical Review D</i> , 2020, 101, .	4.7	44
13	The Effects of Finite Distance on the Gravitational Deflection Angle of Light. <i>Universe</i> , 2019, 5, 218.	2.5	39
14	Gravitational lensing in Tangherlini spacetime in the weak gravitational field and the strong gravitational field. <i>Physical Review D</i> , 2014, 90, .	4.7	37
15	Can We See a Rotating Gravitational Lens?. <i>Progress of Theoretical Physics</i> , 2000, 104, 95-102.	2.0	34
16	Overview of KAGRA: KAGRA science. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	31
17	Negative time delay of light by a gravitational concave lens. <i>Physical Review D</i> , 2014, 90, .	4.7	30
18	Constraining extra gravitational wave polarizations with Advanced LIGO, Advanced Virgo, and KAGRA and upper bounds from GW170817. <i>Physical Review D</i> , 2019, 100, .	4.7	26

#	ARTICLE	IF	CITATIONS
19	Microlensed image centroid motions by an exotic lens object with negative convergence or negative mass. <i>Physical Review D</i> , 2014, 89, .	4.7	25
20	Probing gravitational wave polarizations with Advanced LIGO, Advanced Virgo, and KAGRA. <i>Physical Review D</i> , 2018, 98, .	4.7	24
21	Gravitational lens without asymptotic flatness: Its application to Weyl gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	23
22	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
23	The Current Status and Future Prospects of KAGRA, the Large-Scale Cryogenic Gravitational Wave Telescope Built in the Kamioka Underground. <i>Galaxies</i> , 2022, 10, 63.	3.0	13
24	Condition for directly testing scalar modes of gravitational waves by four detectors. <i>Physical Review D</i> , 2020, 101, .	4.7	12
25	Iterative solutions for the gravitational lens equation in the strong deflection limit. <i>Physical Review D</i> , 2021, 103, .	4.7	10
26	Gravitational lens on de Sitter background. <i>Physical Review D</i> , 2022, 105, .	4.7	4
27	Performance of the KAGRA detector during the first joint observation with GEO600 (O3GK). <i>Progress of Theoretical and Experimental Physics</i> , 2023, 2023, .	6.6	4
28	Gravitational Wave Physics and Astronomy in the nascent era. <i>Progress of Theoretical and Experimental Physics</i> , 0, .	6.6	3
29	Nondivergent deflection of light around a photon sphere of a compact object. <i>Physical Review D</i> , 2022, 105, .	4.7	2