

Alan J Weinstein

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,633
citations

471509
17
h-index

752698
20
g-index

22
all docs

22
docs citations

22
times ranked

3506
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the effects of non-Gaussian noise transients and their mitigation in parameterized gravitational-wave tests of general relativity. <i>Physical Review D</i> , 2022, 105, .	4.7	8
2	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
3	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	26.7	447
4	Full analytical formulas for frequency response of space-based gravitational wave detectors. <i>Physical Review D</i> , 2020, 101, .	4.7	14
5	Characterization of systematic error in Advanced LIGO calibration. <i>Classical and Quantum Gravity</i> , 2020, 37, 225008.	4.0	98
6	Frequency response of space-based interferometric gravitational-wave detectors. <i>Physical Review D</i> , 2019, 99, .	4.7	29
7	Frequency response of time-delay interferometry for space-based gravitational wave antenna. <i>Physical Review D</i> , 2019, 100, .	4.7	18
8	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
9	Reconstructing the calibrated strain signal in the Advanced LIGO detectors. <i>Classical and Quantum Gravity</i> , 2018, 35, 095015.	4.0	57
10	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
11	Improving LIGO calibration accuracy by tracking and compensating for slow temporal variations. <i>Classical and Quantum Gravity</i> , 2017, 34, 015002.	4.0	25
12	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	4.5	52
13	Probing dynamical gravity with the polarization of continuous gravitational waves. <i>Physical Review D</i> , 2017, 96, .	4.7	66
14	Observing gravitational waves with a single detector. <i>Classical and Quantum Gravity</i> , 2017, 34, 155007.	4.0	19
15	Calibration uncertainty for Advanced LIGO's first and second observing runs. <i>Physical Review D</i> , 2017, 96, .	4.7	97
16	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	4.0	225
17	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	26.7	427
18	The Advanced LIGO photon calibrators. <i>Review of Scientific Instruments</i> , 2016, 87, 114503.	1.3	65

#	ARTICLE	IF	CITATIONS
19	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
20	Detecting beyond-Einstein polarizations of continuous gravitational waves. Physical Review D, 2015, 91, .	4.7	54
21	Improving the sensitivity of a search for coalescing binary black holes with nonprecessing spins in gravitational wave data. Physical Review D, 2014, 89, .	4.7	93
22	Astronomy and astrophysics with gravitational waves in the advanced detector era. Classical and Quantum Gravity, 2012, 29, 124012.	4.0	8