Evan D Hall

List of Publications by Year
in descending order

14	3,056	933447	1125743
papers	citations	10	13
		h-index	g-index

14	14	14	3093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimizing the Third Generation of Gravitational-wave Observatories for Galactic Astrophysics. Astrophysical Journal, 2022, 926, 231.	4.5	8
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
3	Science-driven Tunable Design of Cosmic Explorer Detectors. Astrophysical Journal, 2022, 931, 22.	4.5	27
4	Tuning Advanced LIGO to kilohertz signals from neutron-star collisions. Physical Review D, 2021, 103, .	4.7	14
5	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
6	Gravitational-wave physics with Cosmic Explorer: Limits to low-frequency sensitivity. Physical Review D, 2021, 103, .	4.7	37
7	Approaching the motional ground state of a 10 kg object. , 2021, , .		1
8	Point Absorber Limits to Future Gravitational-Wave Detectors. Physical Review Letters, 2021, 127, 241102.	7.8	3
9	A cryogenic silicon interferometer for gravitational-wave detection. Classical and Quantum Gravity, 2020, 37, 165003.	4.0	120
10	Metrics for next-generation gravitational-wave detectors. Classical and Quantum Gravity, 2019, 36, 225002.	4.0	68
11	Systematic calibration error requirements for gravitational-wave detectors via the CramÃ©râ€“Rao bound. Classical and Quantum Gravity, 2019, 36, 205006.	4.0	6
12	Laser interferometers as dark matter detectors. Physical Review D, 2018, 98, .	4.7	29
13	Exploring the sensitivity of next generation gravitational wave detectors. Classical and Quantum Gravity, 2017, 34, 044001.	4.0	735
14	Advanced LIGO. Classical and Quantum Gravity, 2015, 32, 074001.	4.0	1,929