

Sam Cooper

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1492129/publications.pdf>

Version: 2024-02-01

16
papers

15,955
citations

840119

11
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

11964
citing authors

#	ARTICLE	IF	CITATIONS
1	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, 161101.	2.9	6,413
2	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
3	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13.	3.0	2,314
4	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101.	2.9	1,600
5	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	2.9	1,473
6	GW190521: A Binary Black Hole Merger with a Total Mass of 150% . Physical Review Letters, 2020, 125, 101102.	2.9	1,336
7	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	2.9	359
8	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	6.0	59
9	Contributed Review: A review of compact interferometers. Review of Scientific Instruments, 2018, 89, 121501.	0.6	32
10	A compact, large-range interferometer for precision measurement and inertial sensing. Classical and Quantum Gravity, 2018, 35, 095007.	1.5	31
11	Towards windproofing LIGO: reducing the effect of wind-driven floor tilt by using rotation sensors in active seismic isolation. Classical and Quantum Gravity, 2020, 37, 185018.	1.5	11
12	A six degree-of-freedom fused silica seismometer: design and tests of a metal prototype. Classical and Quantum Gravity, 2022, 39, 015006.	1.5	9
13	Interferometric sensing of a commercial geophone. Classical and Quantum Gravity, 2022, 39, 075023.	1.5	9
14	Particle swarming of sensor correction filters. Classical and Quantum Gravity, 2020, 37, 205009.	1.5	2
15	An interactive gravitational-wave detector model for museums and fairs. American Journal of Physics, 2021, 89, 702-712.	0.3	1
16	Metasurface-enhanced spatial mode decomposition. Physical Review A, 2022, 105, .	1.0	1