Andreas Sawadsky

List of Publications by Citations

13 papers	1,288 citations	8 h-index	14 g-index
14 ext. papers	1,533 ext. citations	9.5 avg, IF	2.04 L-index

#	Paper	IF	Citations
13	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, **2018**, 21, 3	32.5	543
12	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. *Living Reviews in Relativity*, **2016**, 19, 1	32.5	393
11	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. *Classical and Quantum Gravity*, **2016**, 33,	3.3	155
10	Observation of generalized optomechanical coupling and cooling on cavity resonance. *Physical Review Letters*, **2015**, 114, 043601	7.4	68
9	The basic physics of the binary black hole merger GW150914. *Annalen Der Physik*, **2017**, 529, 1600209	2.6	45
8	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. *Astrophysical Journal*, **2017**, 841, 89	4.7	42
7	Laser interferometry with translucent and absorbing mechanical oscillators. *New Journal of Physics*, **2011**, 13, 093017	2.9	19
6	Strong optical coupling through superfluid Brillouin lasing. *Nature Physics*, **2020**, 16, 417-421	16.2	16
5	Tomographic readout of an opto-mechanical interferometer. *New Journal of Physics*, **2012**, 14, 095018	2.9	3
4	Proposal for a quantum traveling Brillouin resonator. *Optics Express*, **2020**, 28, 22450-22461	3.3	2
3	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA **2018**, 21, 1		2
2	Squeezed-Light Interferometry on a Cryogenically Cooled Micromechanical Membrane. *Physical Review Letters*, **2020**, 125, 213601	7.4	0
1	K□hlen von gro□n Objekten mit Laserlicht. *Physik in Unserer Zeit*, **2015**, 46, 162-163	0.1	