

# Andrew R Wade

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

1,427  
citations

10  
h-index

19  
g-index

19  
ext. papers

1,864  
ext. citations

8.9  
avg, IF

1.54  
L-index

#	Paper	IF	Citations
18	Absolute Frequency Readout of Cavity against Atomic Reference. <i>Remote Sensing</i> , <b>2022</b> , 14, 2689	5	1
17	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 218	4.7	46
16	High stability laser locking to an optical cavity using tilt locking. <i>Optics Letters</i> , <b>2021</b> , 46, 3199-3202	3	1
15	Absolute frequency readout derived from ULE cavity for next generation geodesy missions. <i>Optics Express</i> , <b>2021</b> , 29, 26014-26027	3.3	2
14	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2020</b> , 23, 3	32.5	144
13	Phase-sensitive optomechanical amplifier for quantum noise reduction in laser interferometers. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	1
12	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2018</b> , 21, 3	32.5	543
11	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA <b>2018</b> , 21, 1		2
10	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600209	2.6	45
9	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> , <b>2017</b> , 841, 89	4.7	42
8	Optomechanical design and construction of a vacuum-compatible optical parametric oscillator for generation of squeezed light. <i>Review of Scientific Instruments</i> , <b>2016</b> , 87, 063104	1.7	3
7	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , <b>2016</b> , 33,	3.3	155
6	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , <b>2016</b> , 19, 1	32.5	393
5	A squeezed light source operated under high vacuum. <i>Scientific Reports</i> , <b>2015</b> , 5, 18052	4.9	14
4	Concepts and research for future detectors. <i>General Relativity and Gravitation</i> , <b>2014</b> , 46, 1	2.3	2
3	Photo-induced and Thermal Annealing of Chalcogenide Films for Waveguide Fabrication. <i>Physics Procedia</i> , <b>2013</b> , 48, 196-205		19
2	Path length modulation technique for scatter noise immunity in squeezing measurements. <i>Optics Letters</i> , <b>2013</b> , 38, 2265-7	3	3

1 Polarization speed meter for gravitational-wave detection. *Physical Review D*, **2012**, 86,

4.9 11