

# Joshua R Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7486709/publications.pdf>

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9  
papers

586  
citations

1684188

5  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	7.8	359
2	The path to the enhanced and advanced LIGO gravitational-wave detectors. Classical and Quantum Gravity, 2009, 26, 114013.	4.0	104
3	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
4	Gravitational-wave physics with Cosmic Explorer: Limits to low-frequency sensitivity. Physical Review D, 2021, 103, .	4.7	37
5	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
6	In-vacuum measurements of optical scatter versus annealing temperature for amorphous Ta2O5 and TiO2:Ta2O5 thin films. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 534.	1.5	3
7	Point Absorber Limits to Future Gravitational-Wave Detectors. Physical Review Letters, 2021, 127, 241102.	7.8	3
8	Apparatus to Measure Optical Scatter of Coatings Versus Annealing Temperature. , 2019, , .		1
9	Diagnostic methods for gravitational-wave detectors. International Journal of Population Studies, 2019, , 373-392.	0.1	0