

Jocelyn N Westwood-Bachman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9579125/publications.pdf>

Version: 2024-02-01

9
papers

149
citations

1684188
5
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of optomechanical nonlinearities in nanomechanical cantilevers. Physical Review A, 2022, 105, .	2.5	1
2	Transduction of large optomechanical amplitudes with racetrack-loaded Mach-Zehnder interferometers. Optics Express, 2020, 28, 21835.	3.4	1
3	Efficient actuation design for optomechanical sensors. Optics Express, 2020, 28, 32349.	3.4	1
4	Optomechanical spring enhanced mass sensing. Applied Physics Letters, 2019, 115, .	3.3	11
5	Silicon Photonic Circuit Design Using Rapid Prototyping Foundry Process Design Kits. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-26.	2.9	62
6	Porous Nanophotonic Optomechanical Beams for Enhanced Mass Adsorption. ACS Sensors, 2019, 4, 1197-1202.	7.8	5
7	Improving mechanical sensor performance through larger damping. Science, 2018, 360, .	12.6	53
8	Single laser modulated drive and detection of a nano-optomechanical cantilever. AIP Advances, 2017, 7, .	1.3	7
9	Even nanomechanical modes transduced by integrated photonics. Applied Physics Letters, 2016, 108, .	3.3	8