

Vincent T K Sauer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

150
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving mechanical sensor performance through larger damping. Science, 2018, 360, .	12.6	53
2	Nano-Optomechanical Systems for Gas Chromatography. Nano Letters, 2016, 16, 6975-6981.	9.1	28
3	Stiction-free fabrication of lithographic nanostructures on resist-supported nanomechanical resonators. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2013, 31, .	1.2	15
4	Confocal Scanner for Highly Sensitive Photonic Transduction of Nanomechanical Resonators. Applied Physics Express, 2013, 6, 065202.	2.4	13
5	Recent advances in mechanical torque studies of small-scale magnetism. Journal Physics D: Applied Physics, 2018, 51, 483001.	2.8	13
6	Wavelength-division multiplexing of nano-optomechanical doubly clamped beam systems. Optics Letters, 2015, 40, 1948.	3.3	8
7	Single laser modulated drive and detection of a nano-optomechanical cantilever. AIP Advances, 2017, 7, .	1.3	7
8	Porous Nanophotonic Optomechanical Beams for Enhanced Mass Adsorption. ACS Sensors, 2019, 4, 1197-1202.	7.8	5
9	Pulsed laser deposition of uniform semiconductor nanodot arrays. Applied Physics A: Materials Science and Processing, 2013, 110, 817-821.	2.3	4
10	Integrated On-Chip Nano-Optomechanical Systems. International Journal of High Speed Electronics and Systems, 2017, 26, 1740005.	0.7	4
11	Integrated On-Chip Nano-Optomechanical Systems. Selected Topics in Electronics and Systems, 2017, , 119-140.	0.2	0
12	Nanomechanical Torque Magnetometry. , 2021, , 151-168.		0