

Alexander Gondarenko

List of Publications by Year in descending order

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12
papers

1,543
citations

933447

10
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

1993
citing authors

#	ARTICLE	IF	CITATIONS
1	CMOS-compatible multiple-wavelength oscillator for on-chip optical interconnects. Nature Photonics, 2010, 4, 37-40.	31.4	847
2	High confinement micron-scale silicon nitride high Q ring resonator. Optics Express, 2009, 17, 11366.	3.4	265
3	Radio frequency electrical transduction of graphene mechanical resonators. Applied Physics Letters, 2010, 97, .	3.3	112
4	Î±-Actinin links extracellular matrix rigidity-sensing contractile units with periodic cell-edge retractions. Molecular Biology of the Cell, 2016, 27, 3471-3479.	2.1	68
5	Electrically integrated SU-8 clamped graphene drum resonators for strain engineering. Applied Physics Letters, 2013, 102, 153101.	3.3	67
6	Spontaneous Emergence of Periodic Patterns in a Biologically Inspired Simulation of Photonic Structures. Physical Review Letters, 2006, 96, 143904.	7.8	55
7	Low modal volume dipole-like dielectric slab resonator. Optics Express, 2008, 16, 17689.	3.4	52
8	Modulation of mechanical resonance by chemical potential oscillation in graphene. Nature Physics, 2016, 12, 240-244.	16.7	47
9	Graphene Metallization of High-Stress Silicon Nitride Resonators for Electrical Integration. Nano Letters, 2013, 13, 4275-4279.	9.1	19
10	On-chip supercontinuum optical trapping and resonance excitation of microspheres. Optics Letters, 2010, 35, 1626.	3.3	11
11	Smallest modal volume integrated dielectric resonator. , 2008, , .		0
12	CMOS-compatible waveguiding platform on bulk silicon. , 2009, , .		0