Alexander Gondarenko

List of Publications by Year
in descending order

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