Joon Hyong Cho

List of Publications by Year
in descending order

13 papers	108 citations	1684188 5 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	188 citing authors

#	Article	IF	Citations
1	Radio-frequency characteristics of graphene oxide. Applied Physics Letters, 2010, 97, .	3.3	27
2	Growth of monolayer graphene on nanoscale copper-nickel alloy thin films. Carbon, 2017, 115, 441-448.	10.3	23
3	Controlling the number of layers in graphene using the growth pressure. Nanotechnology, 2019, 30, 235602.	2.6	17
4	Resonance Properties of 3C-SiC Nanoelectromechanical Resonator in Room-Temperature Magnetomotive Transduction. IEEE Electron Device Letters, 2009, 30, 1042-1044.	3.9	9
5	Towards Repeatable, Scalable Graphene Integrated Micro-Nano Electromechanical Systems (MEMS/NEMS). Micromachines, 2022, 13, 27.	2.9	6
6	Detection of Retinitis Pigmentosa by Differential Interference Contrast Microscopy. PLoS ONE, 2014, 9, e97170.	2.5	5
7	Monolayer Graphene Grown on Nanoscale Pt Films Deposited on TiO$_2$ Substrates for Micro- and Nanoelectromechanical Systems. ACS Applied Nano Materials, 2020, 3, 9731-9739.	5.0	5
8	Nonlinearity Control of Nanoelectromechanical Resonators. IEEE Electron Device Letters, 2012, 33, 1489-1491.	3.9	4
9	A MEMS dynamic mechanical analyzer for *in situ* viscoelastic characterization of 3D printed nanostructures. Journal of Micromechanics and Microengineering, 2020, 30, 075008.	2.6	4
10	Transition of a nanomechanical Sharvin oscillator towards the chaotic regime. New Journal of Physics, 2017, 19, 033033.	2.9	3
11	Mechanical Properties Changes During Electrothermal RF Tuning in a Nanoelectromechanical Resonator. IEEE Nanotechnology Magazine, 2013, 12, 596-600.	2.0	2
12	Graphene Growth on and Transfer From Platinum Thin Films. Journal of Micro and Nano-Manufacturing, 2018, 6, .	0.7	2
13	Microwave transmission characteristics of ZnO nanowire. Electronics Letters, 2012, 48, 1073-1074.	1.0	1