Tianyi Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1330670/publications.pdf

Version: 2024-02-01

18	403	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transparent Conducting Graphene Hybrid Films To Improve Electromagnetic Interference (EMI) Shielding Performance of Graphene. ACS Applied Materials & Interfaces, 2017, 9, 34221-34229.	8.0	112
2	Stacked 3D RRAM Array with Graphene/CNT as Edge Electrodes. Scientific Reports, 2015, 5, 13785.	3.3	38
3	A polarized infrared thermal detector made from super-aligned multiwalled carbon nanotube films. Nanotechnology, 2011, 22, 025502.	2.6	36
4	True-color real-time imaging and spectroscopy of carbon nanotubes on substrates using enhanced Rayleigh scattering. Nano Research, 2015, 8, 2721-2732.	10.4	34
5	Sensitivity Limits and Scaling of Bioelectronic Graphene Transducers. Nano Letters, 2013, 13, 2902-2907.	9.1	31
6	Benchmark study of the length dependent thermal conductivity of individual suspended, pristine SWCNTs. Nanoscale, 2017, 9, 1496-1501.	5.6	31
7	Vapor-Condensation-Assisted Optical Microscopy for Ultralong Carbon Nanotubes and Other Nanostructures. Nano Letters, 2014, 14, 3527-3533.	9.1	29
8	Thermal Transport Across the Interface Between a Suspended Single-Walled Carbon Nanotube and Air. Nanoscale and Microscale Thermophysical Engineering, 2013, 17, 349-365.	2.6	18
9	Growth and Fabrication of Highâ€Quality Single Nanowire Devices with Radial pâ€iâ€n Junctions. Small, 2019, 15, 1803684.	10.0	16
10	Metal-film-assisted ultra-clean transfer of single-walled carbon nanotubes. Nano Research, 2014, 7, 981-989.	10.4	15
11	Plasma treated graphene oxide films: structural and electrical studies. Journal of Materials Science: Materials in Electronics, 2015, 26, 4810-4815.	2.2	15
12	Ballistic Josephson junctions based on CVD graphene. Superconductor Science and Technology, 2018, 31, 045004.	3.5	10
13	Micro-SQUIDs based on MgB₂nano-bridges for NEMS readout. Superconductor Science and Technology, 2016, 29, 104008.	3.5	8
14	Broadband tunable phase shifter for microwaves. AIP Advances, 2020, 10, 065128.	1.3	4
15	Toward the Use of NanoSQUIDs to Measure the Displacement of an NEMS Resonator. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	3
16	Scalable, Tunable Josephson Junctions and DC SQUIDs Based on CVD Graphene. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	2
17	Josephson penetration depth in coplanar junctions based on 2D materials. Journal of Applied Physics, 2019, 126, 173901.	2.5	1
18	Investigation of niobium nanoSQUIDs based on nanobridge junctions. , 2016, , .		0