

Tianyi Li

List of Publications by Year in descending order

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18
papers

403
citations

840776

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all docs

18
docs citations

18
times ranked

903
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Broadband tunable phase shifter for microwaves. AIP Advances, 2020, 10, 065128. | 1.3 | 4 |
| 2 | Scalable, Tunable Josephson Junctions and DC SQUIDs Based on CVD Graphene. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4. | 1.7 | 2 |
| 3 | Josephson penetration depth in coplanar junctions based on 2D materials. Journal of Applied Physics, 2019, 126, 173901. | 2.5 | 1 |
| 4 | Growth and Fabrication of High-Quality Single Nanowire Devices with Radial p-n Junctions. Small, 2019, 15, 1803684. | 10.0 | 16 |
| 5 | Ballistic Josephson junctions based on CVD graphene. Superconductor Science and Technology, 2018, 31, 045004. | 3.5 | 10 |
| 6 | 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 |
| 7 | Benchmark study of the length dependent thermal conductivity of individual suspended, pristine SWCNTs. Nanoscale, 2017, 9, 1496-1501. | 5.6 | 31 |
| 8 | 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 |
| 9 | Micro-SQUIDs based on MgB ₂ nano-bridges for NEMS readout. Superconductor Science and Technology, 2016, 29, 104008. | 3.5 | 8 |
| 10 | Investigation of niobium nanoSQUIDs based on nanobridge junctions. , 2016, , . | | 0 |
| 11 | Stacked 3D RRAM Array with Graphene/CNT as Edge Electrodes. Scientific Reports, 2015, 5, 13785. | 3.3 | 38 |
| 12 | 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 |
| 13 | Plasma treated graphene oxide films: structural and electrical studies. Journal of Materials Science: Materials in Electronics, 2015, 26, 4810-4815. | 2.2 | 15 |
| 14 | Vapor-Condensation-Assisted Optical Microscopy for Ultralong Carbon Nanotubes and Other Nanostructures. Nano Letters, 2014, 14, 3527-3533. | 9.1 | 29 |
| 15 | Metal-film-assisted ultra-clean transfer of single-walled carbon nanotubes. Nano Research, 2014, 7, 981-989. | 10.4 | 15 |
| 16 | Sensitivity Limits and Scaling of Bioelectronic Graphene Transducers. Nano Letters, 2013, 13, 2902-2907. | 9.1 | 31 |
| 17 | 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 |
| 18 | A polarized infrared thermal detector made from super-aligned multiwalled carbon nanotube films. Nanotechnology, 2011, 22, 025502. | 2.6 | 36 |