

Zhancheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

664
citations

1163117

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times ranked

1487
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Low-Temperature Growth of Graphene by Chemical Vapor Deposition Using Solid and Liquid Carbon Sources. ACS Nano, 2011, 5, 3385-3390. | 14.6 | 353 |
| 2 | Graphene Thickness Control via Gas-Phase Dynamics in Chemical Vapor Deposition. Journal of Physical Chemistry C, 2012, 116, 10557-10562. | 3.1 | 70 |
| 3 | Drastic reduction in the growth temperature of graphene on copper via enhanced London dispersion force. Scientific Reports, 2013, 3, 1925. | 3.3 | 62 |
| 4 | Ultrastiff, Strong, and Highly Thermally Conductive Crystalline Graphitic Films with Mixed Stacking Order. Advanced Materials, 2019, 31, e1903039. | 21.0 | 49 |
| 5 | Camphor-Enabled Transfer and Mechanical Testing of Centimeter-Scale Ultrathin Films. Advanced Materials, 2018, 30, e1800888. | 21.0 | 32 |
| 6 | Folding Large Graphene-on-Polymer Films Yields Laminated Composites with Enhanced Mechanical Performance. Advanced Materials, 2018, 30, e1707449. | 21.0 | 32 |
| 7 | Conductivity mapping of graphene on polymeric films by terahertz time-domain spectroscopy. Optics Express, 2018, 26, 17748. | 3.4 | 29 |
| 8 | Symmetry-Dependent Plasmonic Properties of Three-Dimensional Hybrid Metallic Nanostructure Arrays. Journal of Physical Chemistry C, 2012, 116, 17781-17786. | 3.1 | 9 |
| 9 | Batch production of uniform graphene films via controlling gas-phase dynamics in confined space. Nanotechnology, 2021, 32, 105603. | 2.6 | 9 |
| 10 | Hybrid graphene heterojunction photodetector with high infrared responsivity through barrier tailoring. Nanotechnology, 2019, 30, 195202. | 2.6 | 8 |
| 11 | High zero-bias responsivity induced by photogating effect in asymmetric device structure. Optical Materials, 2022, 124, 112013. | 3.6 | 5 |
| 12 | The Effect of Ethanol on Abnormal Grain Growth in Copper Foils. Nanomaterials, 2021, 11, 3069. | 4.1 | 4 |
| 13 | Graphene Growth across the Twin Boundaries of Copper Substrate. Advanced Functional Materials, 2022, 32, . | 14.9 | 2 |
| 14 | Graphene composite anode for flexible polymer light emitting diode. Proceedings of SPIE, 2014, , . | 0.8 | 0 |