

Hongling Li

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,363
citations

566801

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580395

25
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docs citations

25
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Porous Graphene Films with Large Area In-Plane Exterior Skins. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	3
2	Thermally Conductive and Leakage-Proof Phase-Change Materials Composed of Dense Graphene Foam and Paraffin for Thermal Management. <i>ACS Applied Nano Materials</i> , 2022, 5, 8362-8370.	2.4	10
3	An effective thermal conductivity model for architected phase change material enhancer: Theoretical and experimental investigations. <i>International Journal of Heat and Mass Transfer</i> , 2021, 176, 121364.	2.5	11
4	Boron nanosheets induced microstructure and charge transfer tailoring in carbon nanofibrous mats towards highly efficient water splitting. <i>Nano Energy</i> , 2021, 88, 106246.	8.2	15
5	Lightweight, Superelastic Boron Nitride/Polydimethylsiloxane Foam as Air Dielectric Substitute for Multifunctional Capacitive Sensor Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1909604.	7.8	117
6	Versatile and scalable chemical vapor deposition of vertically aligned MoTe ₂ on reusable Mo foils. <i>Nano Research</i> , 2020, 13, 2371-2377.	5.8	5
7	Synthesis of Atomically Thin 1T-TaSe ₂ with a Strongly Enhanced Charge-Density-Wave Order. <i>Advanced Functional Materials</i> , 2020, 30, 2001903.	7.8	15
8	Supercompressible Coaxial Carbon Nanotube@Graphene Arrays with Invariant Viscoelasticity over ~100 to 500 Å°C in Ambient Air. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9688-9695.	4.0	10
9	Scalable Production of Few-Layer Boron Sheets by Liquid-Phase Exfoliation and Their Superior Supercapacitive Performance. <i>ACS Nano</i> , 2018, 12, 1262-1272.	7.3	177
10	Large Area Atomic Layers of the Charge-Density-Wave Conductor TiSe ₂ . <i>Advanced Materials</i> , 2018, 30, 1704382.	11.1	60
11	Engineering of High-Density Thin-Layer Graphite Foam-Based Composite Architectures with Superior Compressibility and Excellent Electromagnetic Interference Shielding Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41707-41716.	4.0	55
12	Wafer-Scale Vertically Aligned Carbon Nanotubes Locked by In Situ Hydrogelation toward Strengthening Static and Dynamic Compressive Responses. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800024.	1.7	6
13	Concentric and Spiral Few-Layer Graphene: Growth Driven by Interfacial Nucleation vs Screw Dislocation. <i>Chemistry of Materials</i> , 2018, 30, 6858-6866.	3.2	21
14	Smoothing of wrinkles in CVD-grown hexagonal boron nitride films. <i>Nanoscale</i> , 2018, 10, 16243-16251.	2.8	15
15	Thermal Conductivity Enhancement of Coaxial Carbon@Boron Nitride Nanotube Arrays. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14555-14560.	4.0	35
16	Biocompatible Hydroxylated Boron Nitride Nanosheets/Poly(vinyl alcohol) Interpenetrating Hydrogels with Enhanced Mechanical and Thermal Responses. <i>ACS Nano</i> , 2017, 11, 3742-3751.	7.3	191
17	Composition-controlled synthesis and tunable optical properties of ternary boron carbonitride nanotubes. <i>RSC Advances</i> , 2017, 7, 12511-12517.	1.7	14
18	Multifunctional and highly compressive cross-linker-free sponge based on reduced graphene oxide and boron nitride nanosheets. <i>Chemical Engineering Journal</i> , 2017, 328, 825-833.	6.6	30

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19	Coaxial carbon@boron nitride nanotube arrays with enhanced thermal stability and compressive mechanical properties. <i>Nanoscale</i> , 2016, 8, 11114-11122.	2.8	30
20	Trimethylamine Borane: A New Single-Source Precursor for Monolayer h-BN Single Crystals and h-BCN Thin Films. <i>Chemistry of Materials</i> , 2016, 28, 2180-2190.	3.2	62
21	Paper-based all-solid-state flexible micro-supercapacitors with ultra-high rate and rapid frequency response capabilities. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3754-3764.	5.2	136
22	Synthesis of aligned symmetrical multifaceted monolayer hexagonal boron nitride single crystals on resolidified copper. <i>Nanoscale</i> , 2016, 8, 2434-2444.	2.8	81
23	Controllable Synthesis of Highly Luminescent Boron Nitride Quantum Dots. <i>Small</i> , 2015, 11, 6491-6499.	5.2	148
24	Reduced Graphene Oxide/Boron Nitride Composite Film as a Novel Binder-Free Anode for Lithium Ion Batteries with Enhanced Performances. <i>Electrochimica Acta</i> , 2015, 166, 197-205.	2.6	69
25	Facile Synthesis of Millimeter-Scale Vertically Aligned Boron Nitride Nanotube Forests by Template-Assisted Chemical Vapor Deposition. <i>Chemistry of Materials</i> , 2015, 27, 7156-7163.	3.2	47