Hongling Li

List of Publications by Year
in descending order

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25	1,363	566801	580395
papers	citations	15 h-index	25 g-index

25	25	25	2629
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biocompatible Hydroxylated Boron Nitride Nanosheets/Poly(vinyl alcohol) Interpenetrating Hydrogels with Enhanced Mechanical and Thermal Responses. ACS Nano, 2017, 11, 3742-3751.	7.3	191
2	Scalable Production of Few-Layer Boron Sheets by Liquid-Phase Exfoliation and Their Superior Supercapacitive Performance. ACS Nano, 2018, 12, 1262-1272.	7.3	177
3	Controllable Synthesis of Highly Luminescent Boron Nitride Quantum Dots. Small, 2015, 11, 6491-6499.	5.2	148
4	Paper-based all-solid-state flexible micro-supercapacitors with ultra-high rate and rapid frequency response capabilities. Journal of Materials Chemistry A, 2016, 4, 3754-3764.	5.2	136
5	Lightweight, Superelastic Boron Nitride/Polydimethylsiloxane Foam as Air Dielectric Substitute for Multifunctional Capacitive Sensor Applications. Advanced Functional Materials, 2020, 30, 1909604.	7.8	117
6	Synthesis of aligned symmetrical multifaceted monolayer hexagonal boron nitride single crystals on resolidified copper. Nanoscale, 2016, 8, 2434-2444.	2.8	81
7	Reduced Graphene Oxide/Boron Nitride Composite Film as a Novel Binder-Free Anode for Lithium Ion Batteries with Enhanced Performances. Electrochimica Acta, 2015, 166, 197-205.	2.6	69
8	Trimethylamine Borane: A New Single-Source Precursor for Monolayer h-BN Single Crystals and h-BCN Thin Films. Chemistry of Materials, 2016, 28, 2180-2190.	3.2	62
9	Largeâ€Area Atomic Layers of the Chargeâ€Densityâ€Wave Conductor TiSe₂. Advanced Materials, 2018, 30, 1704382.	11.1	60
10	Engineering of High-Density Thin-Layer Graphite Foam-Based Composite Architectures with Superior Compressibility and Excellent Electromagnetic Interference Shielding Performance. ACS Applied Materials & Interfaces, 2018, 10, 41707-41716.	4.0	55
11	Facile Synthesis of Millimeter-Scale Vertically Aligned Boron Nitride Nanotube Forests by Template-Assisted Chemical Vapor Deposition. Chemistry of Materials, 2015, 27, 7156-7163.	3.2	47
12	Thermal Conductivity Enhancement of Coaxial Carbon@Boron Nitride Nanotube Arrays. ACS Applied Materials & Interfaces, 2017, 9, 14555-14560.	4.0	35
13	Coaxial carbon@boron nitride nanotube arrays with enhanced thermal stability and compressive mechanical properties. Nanoscale, 2016, 8, 11114-11122.	2.8	30
14	Multifunctional and highly compressive cross-linker-free sponge based on reduced graphene oxide and boron nitride nanosheets. Chemical Engineering Journal, 2017, 328, 825-833.	6.6	30
15	Concentric and Spiral Few-Layer Graphene: Growth Driven by Interfacial Nucleation vs Screw Dislocation. Chemistry of Materials, 2018, 30, 6858-6866.	3.2	21
16	Smoothening of wrinkles in CVD-grown hexagonal boron nitride films. Nanoscale, 2018, 10, 16243-16251.	2.8	15
17	Synthesis of Atomically Thin 1Tâ€TaSe₂ with a Strongly Enhanced Chargeâ€Densityâ€Wave Order. Advanced Functional Materials, 2020, 30, 2001903.	7.8	15
18	Boron nanosheets induced microstructure and charge transfer tailoring in carbon nanofibrous mats towards highly efficient water splitting. Nano Energy, 2021, 88, 106246.	8.2	15

#	Article	IF	Citations
19	Composition-controlled synthesis and tunable optical properties of ternary boron carbonitride nanotubes. RSC Advances, 2017, 7, 12511-12517.	1.7	14
20	An effective thermal conductivity model for architected phase change material enhancer: Theoretical and experimental investigations. International Journal of Heat and Mass Transfer, 2021, 176, 121364.	2.5	11
21	Supercompressible Coaxial Carbon Nanotube@Graphene Arrays with Invariant Viscoelasticity over â^'100 to 500 Â°C in Ambient Air. ACS Applied Materials & Interfaces, 2018, 10, 9688-9695.	4.0	10
22	Thermally Conductive and Leakage-Proof Phase-Change Materials Composed of Dense Graphene Foam and Paraffin for Thermal Management. ACS Applied Nano Materials, 2022, 5, 8362-8370.	2.4	10
23	Waferâ€Scale Vertically Aligned Carbon Nanotubes Locked by In Situ Hydrogelation toward Strengthening Static and Dynamic Compressive Responses. Macromolecular Materials and Engineering, 2018, 303, 1800024.	1.7	6
24	Versatile and scalable chemical vapor deposition of vertically aligned MoTe2 on reusable Mo foils. Nano Research, 2020, 13, 2371-2377.	5.8	5
25	3D Porous Graphene Films with Largeâ€Area Inâ€Plane Exterior Skins. Advanced Materials Interfaces, 2022, 9, .	1.9	3