

Hana Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

494
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloroaluminate Anion Intercalation in Graphene and Graphite: From Two-Dimensional Devices to Aluminum-Ion Batteries. <i>Nano Letters</i> , 2022, 22, 1726-1733.	9.1	13
2	Green Flexible Graphene-Inorganic-Hybrid Micro-Supercapacitors Made of Fallen Leaves Enabled by Ultrafast Laser Pulses. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	46
3	Green Flexible Graphene-Inorganic-Hybrid Micro-Supercapacitors Made of Fallen Leaves Enabled by Ultrafast Laser Pulses (<i>Adv. Funct. Mater.</i> 20/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	1
4	Attachable micropseudocapacitors using highly swollen laser-induced-graphene electrodes. <i>Chemical Engineering Journal</i> , 2020, 386, 123972.	12.7	11
5	Nanoconfinement Effects on Enhanced Reversibility of Redox Reactions Coupled with an Irreversible Chemical Process by Electrolysis Acceleration in Nanoporous Carbon Electrodes for a Redox-Enhanced Electrochemical Capacitor. <i>ACS Applied Energy Materials</i> , 2020, 3, 7844-7855.	5.1	10
6	Understanding and improving photoelectrochemical performance of $\text{Bi}_2\text{O}_3/\text{Bi}_2\text{S}_3$ composite. <i>New Journal of Chemistry</i> , 2019, 43, 11893-11902.	2.8	10
7	Single-crystalline Co_2Si nanowires directly synthesized on silicon substrate for high-performance micro-supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 370, 973-979.	12.7	8
8	Enhanced Surface Properties of Light-Trapping Si Nanowires Using Synergetic Effects of Metal-Assisted and Anisotropic Chemical Etchings. <i>Scientific Reports</i> , 2019, 9, 15914.	3.3	13
9	Self-templated synthesis of interconnected porous carbon nanosheets with controllable pore size: Mechanism and electrochemical capacitor application. <i>Microporous and Mesoporous Materials</i> , 2018, 261, 119-125.	4.4	28
10	Mussel-inspired surface functionalization of porous carbon nanosheets using polydopamine and Fe^{3+} /tannic acid layers for high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25368-25377.	10.3	37
11	Frequency comb transferred by surface plasmon resonance. <i>Nature Communications</i> , 2016, 7, 10685.	12.8	18
12	Epitaxy-driven vertical growth of single-crystalline cobalt nanowire arrays by chemical vapor deposition. <i>Journal of Materials Chemistry C</i> , 2015, 3, 100-106.	5.5	26
13	Pseudocapacitive slurry electrodes using redox-active quinone for high-performance flow capacitors: an atomic-level understanding of pore texture and capacitance enhancement. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23323-23332.	10.3	58
14	Atomistically observing real-space structure of composition modulated $(\text{Nb}_{0.94}\text{V}_{0.06})_{10}(\text{Si}_x\text{Ge}_{1-x})_7$ nanowires with ultralow resistivity. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1674.	5.5	5
15	Three-dimensionally kinked high-conducting CoGe nanowire growth induced by rotational twinning. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6259.	5.5	5
16	Truncated Tetrahedron Seed Crystals Initiating Stereoaligned Growth of FeSi Nanowires. <i>ACS Nano</i> , 2012, 6, 8652-8657.	14.6	6
17	Epitaxially Integrating Ferromagnetic $\text{Fe}_{1.3}\text{Ge}$ Nanowire Arrays on Few-Layer Graphene. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 956-960.	4.6	17
18	Vertical epitaxial $\text{Co}_{5}\text{Ge}_{7}$ nanowires and nanobelts arrays on a thin graphitic layer for flexible FED. , 2010, , .		0

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19	Structure-Induced Ferromagnetic Stabilization in Free-Standing Hexagonal Fe _{1.3} Ge Nanowires. Journal of the American Chemical Society, 2010, 132, 17447-17451.	13.7	23
20	Vertically Aligned Single-Crystalline Ferromagnetic Ni ₃ Co Nanowires. Chemistry of Materials, 2010, 22, 1831-1835.	6.7	16
21	Itinerant Helimagnetic Single-Crystalline MnSi Nanowires. ACS Nano, 2010, 4, 2569-2576.	14.6	39
22	Vertical Epitaxial Co ₅ Ge ₇ Nanowire and Nanobelt Arrays on a Thin Graphitic Layer for Flexible Field Emission Displays. Advanced Materials, 2009, 21, 4979-4982.	21.0	39
23	Composition-Tuned CoSi Nanowires: Location-Selective Simultaneous Growth along Temperature Gradient. ACS Nano, 2009, 3, 1145-1150.	14.6	48
24	Morphology-Tuned Synthesis of Single-Crystalline V ₅ Si ₃ Nanotubes and Nanowires. Journal of Physical Chemistry C, 2009, 113, 12996-13001.	3.1	17