

Hana Yoon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3305255/publications.pdf>

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	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
2	Composition-Tuned ConSi Nanowires: Location-Selective Simultaneous Growth along Temperature Gradient. <i>ACS Nano</i> , 2009, 3, 1145-1150.	14.6	48
3	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
4	Vertical Epitaxial Co ₅ Ge ₇ Nanowire and Nanobelt Arrays on a Thin Graphitic Layer for Flexible Field Emission Displays. <i>Advanced Materials</i> , 2009, 21, 4979-4982.	21.0	39
5	Itinerant Helimagnetic Single-Crystalline MnSi Nanowires. <i>ACS Nano</i> , 2010, 4, 2569-2576.	14.6	39
6	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
7	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
8	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
9	Structure-Induced Ferromagnetic Stabilization in Free-Standing Hexagonal Fe _{1.3} Ge Nanowires. <i>Journal of the American Chemical Society</i> , 2010, 132, 17447-17451.	13.7	23
10	Frequency comb transferred by surface plasmon resonance. <i>Nature Communications</i> , 2016, 7, 10685.	12.8	18
11	Morphology-Tuned Synthesis of Single-Crystalline V ₅ Si ₃ Nanotubes and Nanowires. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12996-13001.	3.1	17
12	Epitaxially Integrating Ferromagnetic Fe _{1.3} Ge Nanowire Arrays on Few-Layer Graphene. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 956-960.	4.6	17
13	Vertically Aligned Single-Crystalline Ferromagnetic Ni ₃ Co Nanowires. <i>Chemistry of Materials</i> , 2010, 22, 1831-1835.	6.7	16
14	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
15	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
16	Attachable micropseudocapacitors using highly swollen laser-induced-graphene electrodes. <i>Chemical Engineering Journal</i> , 2020, 386, 123972.	12.7	11
17	Understanding and improving photoelectrochemical performance of Bi ₂ O ₃ /Bi ₂ S ₃ composite. <i>New Journal of Chemistry</i> , 2019, 43, 11893-11902.	2.8	10
18	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

#	ARTICLE	IF	CITATIONS
19	Single-crystalline Co ₂ Si nanowires directly synthesized on silicon substrate for high-performance micro-supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 370, 973-979.	12.7	8
20	Truncated Tetrahedron Seed Crystals Initiating Stereoaligned Growth of FeSi Nanowires. <i>ACS Nano</i> , 2012, 6, 8652-8657.	14.6	6
21	Atomistically observing real-space structure of composition modulated (Nb _{0.94} V _{0.06}) ₁₀ (Si _x Ge _{1-x}) ₇ nanowires with ultralow resistivity. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1674.	5.5	5
22	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
23	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
24	Vertical epitaxial Co ₅ Ge ₇ nanowires and nanobelts arrays on a thin graphitic layer for flexible FED. , 2010, , .		0