

Mengqi Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2043391/publications.pdf>

Version: 2024-02-01

22
papers

1,113
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1749
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu ₃ N Nanocubes for Selective Electrochemical Reduction of CO ₂ to Ethylene. <i>Nano Letters</i> , 2019, 19, 8658-8663.	9.1	173
2	Preparation of phosphorylated polyacrylonitrile-based nanofiber mat and its application for heavy metal ion removal. <i>Chemical Engineering Journal</i> , 2015, 268, 290-299.	12.7	148
3	Nanosheet-Based Hierarchical Ni ₂ (CO ₃)(OH) ₂ Microspheres with Weak Crystallinity for High-Performance Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17208-17214.	8.0	126
4	Photocatalytic dehydrogenation of formic acid promoted by a superior PdAg@g-C ₃ N ₄ Mott-Schottky heterojunction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2022-2026.	10.3	116
5	MOF-derived CuS@CuBTC Composites as High-Performance Anodes for Lithium-Ion Batteries. <i>Small</i> , 2019, 15, e1903522.	10.0	85
6	Anisotropic Strain Tuning of L ₁ Ternary Nanoparticles for Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 19209-19216.	13.7	76
7	Room-Temperature Chemoselective Reduction of 3-Nitrostyrene to 3-Vinylaniline by Ammonia Borane over Cu Nanoparticles. <i>Journal of the American Chemical Society</i> , 2018, 140, 16460-16463.	13.7	73
8	A New Hexagonal Cobalt Nanosheet Catalyst for Selective CO ₂ Conversion to Ethanol. <i>Journal of the American Chemical Society</i> , 2021, 143, 15335-15343.	13.7	64
9	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 451-455.	13.8	47
10	Surface Pd-rich PdAg nanowires as highly efficient catalysts for dehydrogenation of formic acid and subsequent hydrogenation of adiponitrile. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17323-17328.	10.3	41
11	Stabilizing Hard Magnetic SmCo ₅ Nanoparticles by N-Doped Graphitic Carbon Layer. <i>Journal of the American Chemical Society</i> , 2020, 142, 8440-8446.	13.7	37
12	One-pot formic acid dehydrogenation and synthesis of benzene-fused heterocycles over reusable AgPd/WO _{2.72} nanocatalyst. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23766-23772.	10.3	29
13	Nanoparticle-Catalyzed Green Chemistry Synthesis of Polybenzoxazole. <i>Journal of the American Chemical Society</i> , 2021, 143, 2115-2122.	13.7	20
14	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15933-15936.	13.8	19
15	Linking melem with conjugated Schiff-base bonds to boost photocatalytic efficiency of carbon nitride for overall water splitting. <i>Nanoscale</i> , 2021, 13, 9315-9321.	5.6	17
16	Carbon-coated Zinc Sulfide nano-clusters: Synthesis, photothermal conversion and adsorption properties. <i>Journal of Colloid and Interface Science</i> , 2014, 436, 63-69.	9.4	11
17	Highly Efficient AuPd Catalyst for Synthesizing Polybenzoxazole with Controlled Polymerization. <i>Matter</i> , 2019, 1, 1631-1643.	10.0	8
18	Cu ₂ O nanoparticle-catalyzed tandem reactions for the synthesis of robust polybenzoxazole. <i>Nanoscale</i> , 2022, 14, 6162-6170.	5.6	8

#	ARTICLE	IF	CITATIONS
19	An assembled-nanosheets discus-like Ni(OH) ₂ hierarchical structure as a high performance electrode material for supercapacitors. RSC Advances, 2015, 5, 59659-59664.	3.6	6
20	Microwave-assistant route to hybrid semiconductor nanocrystals with quasi solution-solid-solid mechanism. Crystal Research and Technology, 2014, 49, 431-434.	1.3	5
21	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. Angewandte Chemie, 2018, 130, 460-464.	2.0	2
22	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. Angewandte Chemie, 2020, 132, 16067-16070.	2.0	2