

Soheila Sanati

List of Publications by Year in descending order

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37
papers

1,904
citations

304743

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345221

36
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docs citations

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1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Framework Derived Bimetallic Materials for Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11048-11067.	13.8	179
2	First-row transition metal-based materials derived from bimetallic metal-organic frameworks as highly efficient electrocatalysts for electrochemical water splitting. <i>Energy and Environmental Science</i> , 2022, 15, 3119-3151.	30.8	125
3	An Asymmetric Supercapacitor Based on a Non-Calcined 3D Pillared Cobalt(II) Metal-Organic Framework with Long Cyclic Stability. <i>Inorganic Chemistry</i> , 2019, 58, 16100-16111.	4.0	111
4	Simultaneous Presence of Open Metal Sites and Amine Groups on a 3D Dy(III)-Metal-Organic Framework Catalyst for Mild and Solvent-Free Conversion of CO ₂ to Cyclic Carbonates. <i>Inorganic Chemistry</i> , 2021, 60, 2056-2067.	4.0	105
5	Metal-organic frameworks and derived materials as photocatalysts for water splitting and carbon dioxide reduction. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214664.	18.8	100
6	Ni-Ti Layered Double Hydroxide@Graphitic Carbon Nitride Nanosheet: A Novel Nanocomposite with High and Ultrafast Sonophotocatalytic Performance for Degradation of Antibiotics. <i>Inorganic Chemistry</i> , 2019, 58, 1834-1849.	4.0	98
7	Dual-Purpose 3D Pillared Metal-Organic Framework with Excellent Properties for Catalysis of Oxidative Desulfurization and Energy Storage in Asymmetric Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 14759-14773.	8.0	97
8	g-C ₃ N ₄ nanosheet@CoAl-layered double hydroxide composites for electrochemical energy storage in supercapacitors. <i>Chemical Engineering Journal</i> , 2019, 362, 743-757.	12.7	94
9	High specific capacitance of a 3D-metal-organic framework-confined growth in CoMn ₂ O ₄ nanostars as advanced supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11001-11012.	10.3	80
10	Perovskite LaFeO ₃ nanoparticles synthesized by the reverse microemulsion nanoreactors in the presence of aerosol-OT: Morphology, crystal structure, and their optical properties. <i>Superlattices and Microstructures</i> , 2013, 64, 148-157.	3.1	73
11	Ultrafast post-synthetic modification of a pillared cobalt-based metal-organic framework via sulfurization of its pores for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11953-11966.	10.3	72
12	Enhanced electrochemical oxygen and hydrogen evolution reactions using an NU-1000@NiMn-LDHS composite electrode in alkaline electrolyte. <i>Chemical Communications</i> , 2020, 56, 6652-6655.	4.1	70
13	Mixed Metal Fe ₂ Ni MIL-88B Metal-Organic Frameworks Decorated on Reduced Graphene Oxide as a Robust and Highly Efficient Electrocatalyst for Alkaline Water Oxidation. <i>Inorganic Chemistry</i> , 2022, 61, 3396-3405.	4.0	68
14	Ultrasound-assisted synthesis of NiFe-layered double hydroxides as efficient electrode materials in supercapacitors. <i>Ultrasonics Sonochemistry</i> , 2018, 48, 199-206.	8.2	64
15	Instantaneous Sonophotocatalytic Degradation of Tetracycline over NU-1000@ZnIn ₂ S ₄ Core-Shell Nanorods as a Robust and Eco-friendly Catalyst. <i>Inorganic Chemistry</i> , 2021, 60, 9660-9672.	4.0	57
16	A unique and facile preparation of lanthanum ferrite nanoparticles in emulsion nanoreactors: Morphology, structure, and efficient photocatalysis. <i>Materials Science in Semiconductor Processing</i> , 2014, 25, 301-306.	4.0	56
17	Hierarchical CuAl-layered double hydroxide/CoWO ₄ nanocomposites with enhanced efficiency for use in supercapacitors with long cycling stability. <i>New Journal of Chemistry</i> , 2019, 43, 15240-15248.	2.8	54
18	Characterization and optical properties of spherical WO ₃ nanoparticles synthesized via the reverse microemulsion process and their photocatalytic behavior. <i>Materials Letters</i> , 2014, 133, 208-211.	2.6	53

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19	A facile and efficient preparation of anatase titania nanoparticles in micelle nanoreactors: morphology, structure, and their high photocatalytic activity under UV light illumination. RSC Advances, 2014, 4, 56406-56414.	3.6	52
20	Magnetically recoverable Fe ₃ O ₄ -ZnO/AOT nanocomposites: Synthesis of a core-shell structure via a novel and mild route for photocatalytic degradation of toxic dyes. Journal of Molecular Liquids, 2016, 223, 1133-1142.	4.9	52
21	Non-aggregated divanadium pentoxide nanoparticles: A one-step facile synthesis. Morphological, structural, compositional, optical properties and photocatalytic activities. Chemical Engineering Journal, 2014, 236, 82-90.	12.7	47
22	Ni(OH) ₂ and NiO Nanostructures: Synthesis, Characterization and Electrochemical Performance. Bulletin of the Korean Chemical Society, 2012, 33, 2613-2618.	1.9	43
23	The NiGa-LDH@NiWO ₄ nanocomposite as an electrode material for pseudocapacitors. New Journal of Chemistry, 2018, 42, 18426-18436.	2.8	23
24	Solvothermal synthesis and characterization of Fe_2O_3 nanodiscs and Mn ₃ O ₄ nanoparticles with 1,10-phenanthroline. Superlattices and Microstructures, 2012, 52, 92-98.	3.1	19
25	Electrocatalytic oxidation of selected parabens on zinc hydroxide nanoparticles. Catalysis Communications, 2012, 19, 10-16.	3.3	18
26	Room temperature synthesis of tungsten (VI) tri-oxide nanoparticles with one-pot multi-component reaction in emulsion nanoreactors stabilized by aerosol-OT. Materials Letters, 2013, 107, 329-332.	2.6	16
27	Co-intercalation of Acid Red-27/sodium dodecyl sulfate in a Ce-containing Ni-Al-layered double hydroxide matrix and characterization of its luminescent properties. Journal of Molecular Liquids, 2018, 249, 318-325.	4.9	16
28	Metal-Organic Framework Derived Bimetallic Materials for Electrochemical Energy Storage. Angewandte Chemie, 2021, 133, 11148-11167.	2.0	12
29	Synthesis, characterization and electrochemical properties of Co ₃ O ₄ nanostructures by using cobalt hydroxide as a precursor. Research on Chemical Intermediates, 2015, 41, 4361-4372.	2.7	10
30	Aqueous Solution Synthesis of Plate-Like Cd(OH) ₂ Nanostructures and Their Conversion to CdO Nanoparticles. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 1285-1290.	0.6	9
31	Anticancer, antibacterial and antifungal activity of new ni (ii) and cu (ii) complexes of imidazole-phenanthroline derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 667-675.	1.1	9
32	Simple template-free solution route for the synthesis of Cu(OH) ₂ and CuO nanostructures and application for electrochemical determination of <i>l</i> -tryptophan-blockers. Journal of Experimental Nanoscience, 2014, 9, 763-775.	2.4	7
33	Effect of PEG6000 on the morphology the $\text{Ni}(\text{OH})_2$ nanostructures: solvothermal synthesis, characterization, and formation mechanism. Research on Chemical Intermediates, 2015, 41, 2071-2079.	2.7	5
34	Preparation and Characterization of Nickel Oxide Nanostructures via Solid State Thermal Decomposition Approach. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 466-470.	0.6	4
35	One-Pot Synthesis of Dialkyl 2-(Alkyl or Aryl)-6-(pyrimidin-2-ylthio)-4-thioxo-5,6-dihydro-1,2,4-triazine-3-carboxylate via a Four-Component Reaction. Journal of Heterocyclic Chemistry, 2013, 50, 1391-1394.	2.6	3
36	Synthesis and Characterization of $\text{Co}(\text{OH})_2$, CuO and ZnO Nanostructures by Solvothermal Method without Any Additive. Journal of the Chinese Chemical Society, 2013, 60, 339-344.	1.4	3

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37	Synthesis and Characterization of Two Copper (II) Complexes of 4-tolyl-2,6-terpyridine and Simultaneous Detection and Separation of [Cu(ttpy)(NO ₃) ₂] and CuO by Capillary Zone Electrophoresis Method. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 597-604.	0.6	0