Jingli Xu

List of Publications by Year in descending order

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85	1,548	304743 22	377865 34
papers	citations	h-index	g-index

85	85	85	1565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Evolution and Compositional Modulation of ZIF-8-Derived Hybrids Comprised of Metallic Ni Nanoparticles and Silica as Interlayer. Inorganic Chemistry, 2019, 58, 7255-7266.	4.0	99
2	Carbon supported PdNi alloy nanoparticles on SiO₂ nanocages with enhanced catalytic performance. Inorganic Chemistry Frontiers, 2020, 7, 3081-3091.	6.0	94
3	Boosting soot combustion efficiencies over CuOâ€“CeO₂ catalysts with a 3DOM structure. Catalysis Science and Technology, 2016, 6, 7342-7350.	4.1	65
4	Anchoring nickel nanoparticles on three-dimensionally macro-/mesoporous titanium dioxide with a carbon layer from polydopamine using polymethylmethacrylate microspheres as sacrificial templates. Materials Chemistry Frontiers, 2019, 3, 224-232.	5.9	62
5	Sandwich-type electrochemical immunosensor for CEA detection using magnetic hollow Ni/C@SiO2 nanomatrix and boronic acid functionalized CPS@PANI@Au probe. Talanta, 2021, 225, 122006.	5.5	51
6	A thermoresponsive fluorescent rotor based on a hinged naphthalimide for a viscometer and a viscosity-related thermometer. Journal of Materials Chemistry C, 2016, 4, 5696-5701.	5.5	50
7	A type of raspberry-like silica composite with tunable nickel nanoparticles coverage towards nanocatalysis and protein adsorption. Green Chemistry, 2016, 18, 6282-6290.	9.0	50
8	A facile self-template and carbonization strategy to fabricate nickel nanoparticle supporting N-doped carbon microtubes. Inorganic Chemistry Frontiers, 2018, 5, 844-852.	6.0	42
9	Electrochemical performance of metal-organic framework synthesized by a solvothermal method for supercapacitors. Russian Journal of Electrochemistry, 2013, 49, 983-986.	0.9	40
10	Electrochemical Aptasensor of Carcinoembryonic Antigen Based on Concanavalin A-Functionalized Magnetic Copper Silicate Carbon Microtubes and Gold-Nanocluster-Assisted Signal Amplification. ACS Applied Nano Materials, 2020, 3, 3449-3458.	5.0	40
11	In Situ Construction of Co-MoS₂/Pd Nanosheets on Polypyrrole-Derived Nitrogen-Doped Carbon Microtubes as Multifunctional Catalysts with Enhanced Catalytic Performance. Inorganic Chemistry, 2022, 61, 542-553.	4.0	37
12	Surface oxygen vacancies dominated CeO2 as efficient catalyst for imine synthesis: Influences of different cerium precursors. Molecular Catalysis, 2017, 443, 131-138.	2.0	32
13	Facile synthesis of magnetic hierarchical copper silicate hollow nanotubes for efficient adsorption and removal of hemoglobin. Dalton Transactions, 2016, 45, 922-927.	3.3	31
14	Carbon-Supported Nickel Nanoparticles on SiO₂ Cores for Protein Adsorption and Nitroaromatics Reduction. ACS Applied Nano Materials, 2020, 3, 4623-4634.	5.0	31
15	Large Dimensional CeO₂ Nanoflakes by Microwaveâ€Assisted Synthesis: Lamellar Nanoâ€Channels and Surface Oxygen Vacancies Promote Catalytic Activity. ChemCatChem, 2018, 10, 4100-4108.	3.7	29
16	Plasma treated h-BN nanoflakes as barriers to enhance anticorrosion of acrylic coating on steel. Progress in Organic Coatings, 2019, 133, 139-144.	3.9	28
17	Preparation, characterization and catalytic activity of coreâ€“satellite Au/Pdop/SiO2/Fe3O4 magnetic nanocomposites. RSC Advances, 2013, 3, 13818.	3.6	27
18	High performance Na3V2 (PO4)3/C composite electrode for sodium-ion capacitors. Ionics, 2015, 21, 2633-2638.	2.4	27

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19	Microwave-aided synthesis of BiOI/g-C3N4 composites and their enhanced catalytic activities for Cr(VI) removal. Chemical Physics Letters, 2021, 762, 138143.	2.6	26
20	Effect of Hydrothermal Temperature on the Structure and Electrochemical Performance of Manganese Compound/Ordered Mesoporous Carbon Composites for Supercapacitors. Materials and Manufacturing Processes, 2012, 27, 119-124.	4.7	24
21	Rationally designed hierarchical nickel nanoparticles-based magnetic yolk-like nanospindles for enhanced catalysis and protein adsorption. CrystEngComm, 2018, 20, 5377-5386.	2.6	24
22	Synthesis and fabrication of CNTs/Fe₃O₄@Pdop@Au nanocables by a facile approach. RSC Advances, 2014, 4, 44423-44426.	3.6	23
23	Shapeâ€Dependent CeO₂@BiOI for Degradation of Aqueous Cr(VI). Advanced Materials Interfaces, 2020, 7, 1901879.	3.7	23
24	4-Phenyl-1,8-naphthalimides: Brightness and tuning emission over widely visible gamut in different aggregated states. Dyes and Pigments, 2018, 148, 99-107.	3.7	22
25	BiSbS3@N-doped carbon coreâ€“shell nanorods as efficient anode materials for sodium-ion batteries. Dalton Transactions, 2019, 48, 10448-10454.	3.3	22
26	Structural Evolution of Cu₂O-Derived Hybrids Comprised of Copper Cores, a Silica Interlayer, and Carbon as the Outlayer. Inorganic Chemistry, 2020, 59, 9356-9363.	4.0	22
27	Controllable Compositions and Structures of Fe_xO_y@SiO₂@C-Ni Hybrids with a Silica Layer as a Mineral Redox Buffer. Inorganic Chemistry, 2021, 60, 8880-8889.	4.0	22
28	Facile synthesis of CuO nanoparticles as anode for lithium ion batteries with enhanced performance. Functional Materials Letters, 2014, 07, 1440008.	1.2	20
29	Adsorptive Removal of Methylene Blue from Aqueous Solution using a Ni-Metal Organic Framework Material. Journal of Dispersion Science and Technology, 2016, 37, 1226-1231.	2.4	19
30	Solution-processed p-type nanocrystalline CoO films for inverted mixed perovskite solar cells. Journal of Colloid and Interface Science, 2020, 573, 78-86.	9.4	19
31	B-Doped g-C₃N₄ Quantum Dots-Modified Ni(OH)₂ Nanoflowers as an Efficient and Stable Electrode for Supercapacitors. ACS Applied Energy Materials, 2021, 4, 1496-1504.	5.1	19
32	Synthesis of hierarchical nickel anchored on Fe₃O₄@SiO₂ and its successful utilization to remove the abundant proteins (BHb) in bovine blood. New Journal of Chemistry, 2015, 39, 4876-4881.	2.8	18
33	One-Pot Method for Multifunctional Yolk Structured Nanocomposites with N-doped Carbon Shell Using Polydopamine as Precursor. Nanoscale Research Letters, 2016, 11, 212.	5.7	17
34	One dimensional hierarchical nanoflakes with nickel-immobilization for high performance catalysis and histidine-rich protein adsorption. Dalton Transactions, 2019, 48, 11308-11316.	3.3	17
35	Fe doped MoS₂/polypyrrole microtubes towards efficient peroxidase mimicking and colorimetric sensing application. Dalton Transactions, 2021, 50, 15380-15388.	3.3	17
36	ASb₂(SO₄)₂(PO₄) (A =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Anions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 343-349.	1.2	16

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37	A facile template method to fabricate strongly coupled 1D sandwich-like C@Fe₃O₄@C/Ni coaxial microtubes with enhanced catalytic performance. CrystEngComm, 2020, 22, 5302-5309.	2.6	16
38	TiO₂ Nanotubes Array on Carbon Cloth as a Flexibility Anode for Sodium-Ion Batteries. Journal of Nanoscience and Nanotechnology, 2019, 19, 226-230.	0.9	15
39	Highly Enhanced Visibleâ€light Photocatalytic Activity via a Novel Surface Structure of CeO₂/gâ^'C₃N₄ toward Removal of 2,4â€dichlorophenol and Cr(VI). ChemCatChem, 2021, 13, 2034-2044.	3.7	14
40	Rational design, synthesis, and applications of carbon-assisted dispersive Ni-based composites. CrystEngComm, 2022, 24, 912-921.	2.6	14
41	Hydrothermal synthesis, crystal structures, and optical properties of H[Bi3O(Te3O9)](NO3)2 and [Bi2(TeO3)2](SO4). Journal of Alloys and Compounds, 2017, 702, 410-417.	5.5	13
42	Fluorescence turn-on NapTp in CTAB micelles for efficient detecting ferric ions in aqueous system. Sensors and Actuators B: Chemical, 2018, 255, 3102-3107.	7.8	13
43	Multi-core yolkâ€“shell-structured Bi₂Se₃@C nanocomposite as an anode for high-performance lithium-ion batteries. Dalton Transactions, 2021, 50, 10758-10764.	3.3	13
44	Synthesis, Structure, and Optical Properties of BiCu₂(TeO₃)(SO₄)(OH)₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 568-572.	1.2	12
45	An electrochemical sensing strategy for the detection of the hepatitis B virus sequence with homogenous hybridization based on hostâ€“guest recognition. RSC Advances, 2015, 5, 92025-92032.	3.6	12
46	Increasing enzyme-like activity by in situ anchoring of Ag₃PO₄ nanoparticles on keratinâ€“inorganic hybrid nanoflowers. New Journal of Chemistry, 2019, 43, 15946-15955.	2.8	12
47	Synthesis, crystal structures of ASb(SO4)2 (AÂ=ÂK, Cs). Solid State Sciences, 2015, 50, 52-57.	3.2	11
48	Facile synthesis of magnetic resorcinolâ€“formaldehyde (RF) coated carbon nanotubes for methylene blue removal. RSC Advances, 2016, 6, 11973-11979.	3.6	11
49	Hydrothermal synthesis, structures and optical properties of A2Zn3(SeO3)4Â·XH2O (A=Li, Na, K; X=2 or) Tj ETQq1 1 0.784314 rgBT /Ov	2.9	10
50	Electrochemical performances of Na2MnSiO4 as an energy storage material in sodium-ion capacitors. Journal of Applied Electrochemistry, 2017, 47, 343-349.	2.9	10
51	A facile synthesis of one-dimensional hierarchical magnetic metal silicate microtubes with enhanced adsorption performance. Dalton Transactions, 2020, 49, 11120-11128.	3.3	10
52	Co/Ni-MOF-74-derived CoNi₂S₄ nanoparticles embedded in porous carbon as a high performance anode material for sodium ion batteries. New Journal of Chemistry, 2020, 44, 13141-13147.	2.8	10
53	A facile template method to fabricate one-dimensional Fe₃O₄@SiO₂@C/Ni microtubes with efficient catalytic and adsorption performance. CrystEngComm, 2021, 23, 7517-7524.	2.6	10
54	Keratin-inorganic hybrid nanoflowers decorated with Fe₃O₄ nanoparticles as enzyme mimics for colorimetric detection of glucose. Dalton Transactions, 2021, 50, 14753-14761.	3.3	10

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55	One-pot solvothermal synthesis of CoNi2S4/reduced graphene oxide (rGO) nanocomposites as anode for sodium-ion batteries. Ionics, 2020, 26, 213-221.	2.4	9
56	Energy-Guided Shape Control Towards Highly Active CeO2. Topics in Catalysis, 2020, 63, 1743-1753.	2.8	9
57	Copper-Based Nanocatalysts with SiO₂ and Carbon Dual-Layer Coatings and Metallic Ni/CuNi Decoration toward Highly Efficient Nitroaromatics Reduction. Inorganic Chemistry, 2022, 61, 1717-1727.	4.0	8
58	Ordered mesoporous carbon/SnO2 composites as the electrode material for supercapacitors. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 407-411.	1.0	7
59	Design of Rugby-Like GeO₂ Grown on Carbon Cloth as a Flexible Anode for High-Performance Lithium-Ion Batteries. Journal of Nanoscience and Nanotechnology, 2019, 19, 263-267.	0.9	7
60	Fabrication of Zn2GeO4 nanorods@TiO2 as anodes for lithium-ion batteries with enhanced cycling stability. Materials Letters, 2016, 185, 307-310.	2.6	6
61	New and Practical Synthesis of Momelotinib. Journal of Heterocyclic Chemistry, 2017, 54, 2902-2905.	2.6	6
62	Templated synthesis of nickel nanoparticles embedded in a carbon layer within silica capsules. Dalton Transactions, 2020, 49, 2570-2577.	3.3	6
63	Facile strategy for the synthesis of silver nanoparticles on magnetic Fe₃O₄@C coreâ€“shell nanocomposites and their application in catalytic reduction. Dalton Transactions, 2022, 51, 3170-3179.	3.3	6
64	Preparation of Ni/Mn compounds/ordered mesoporous carbon composite for use in an electrochemical supercapacitor. Journal of Applied Electrochemistry, 2011, 41, 901-907.	2.9	5
65	One-step hydrothermal synthesis of amorphous CoMoS4/N-rGO nanocomposites as anode materials with improved cyclability for sodium-ion batteries. Journal of Applied Electrochemistry, 2020, 50, 513-522.	2.9	5
66	Solvent-free synthesis of PEG modified polyurethane solid-solid phase change materials with different Mw for thermal energy storage. Colloid and Polymer Science, 2021, 299, 835-843.	2.1	5
67	A stable super-amphiphilic surface created from superhydrophobic silica/epoxy coating by low-temperature plasma-treatment. Surface Engineering, 2021, 37, 1282-1289.	2.2	5
68	Zwitterionic surfactant assisted fabrication of mesoporous silica coated carbon nanotubes for organic pollutants. New Journal of Chemistry, 2014, 38, 3212.	2.8	4
69	Synthesis, Crystal Structures, and Optical Properties of AM₂(OH)(SeO₃)₂ (A = Na, Rb; M = Mg, Zn). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1953-1958.	1.2	4
70	A New Synthesis of Cabozantinib. Organic Preparations and Procedures International, 2019, 51, 381-387.	1.3	4
71	Carbon-supported Ni and MoO₂ nanoparticles with Fe₃O₄ cores as a protein adsorbent. New Journal of Chemistry, 2020, 44, 15396-15402.	2.8	4
72	Coupled nickelâ€“cobalt nanoparticles/N,P,S-co-doped carbon hybrid nanocages with high performance for catalysis and protein adsorption. Dalton Transactions, 2022, 51, 9030-9038.	3.3	4

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73	Synthesis of Amine-Terminated Polyether over Cobalt Catalyst: Influence of Reaction Parameters. Materials and Manufacturing Processes, 2014, 29, 738-742.	4.7	3
74	Facile fabrication of ultrafine CoNi alloy nanoparticles supported on hexagonal N-doped carbon/Al₂O₃ nanosheets for efficient protein adsorption and catalysis. CrystEngComm, 2022, 24, 5226-5233.	2.6	3
75	Zn0.5Co0.5O Solid Solution Nanoparticles with Durable Life for Rechargeable Lithium-ion Batteries. Nano LIFE, 2014, 04, 1441015.	0.9	2
76	Facile route to synthesise larger mesoporous nickel silicate coated on carbon nanotubes and application for dye removal. Micro and Nano Letters, 2014, 9, 184-188.	1.3	2
77	Formation of oneâ€dimensional hierarchical magnetic nickel silicate hollow nanotubes. Micro and Nano Letters, 2017, 12, 260-263.	1.3	2
78	Intercalation pseudocapacitance of expanded graphite in sodiumâ€ion capacitors. Micro and Nano Letters, 2018, 13, 669-672.	1.3	2
79	Magnetically separable Ag NWs/Fe 3 O 4 @mTiO 2 nanowires: fabrication and photocatalytic activity. Micro and Nano Letters, 2019, 14, 577-580.	1.3	2
80	Nanostructured MnO₂ nanosheets grown on nickel foam: an efficient and readily recyclable 3D artificial oxidase for the colorimetric detection of ascorbic acid. New Journal of Chemistry, 2020, 44, 11959-11964.	2.8	2
81	A novel high mechanical and excellent hydrophilic electrospun polyurethane<scp>â€silkâ€</scp>bioactive glass nanofiber film for rotator cuff injury repair. Journal of Applied Polymer Science, 2022, 139, 51746.	2.6	2
82	New Synthesis of 7â€(3â€chloropropoxy)â€4â€hydroxyâ€6â€methoxyquinolineâ€3â€carbonitrile, a Key Intermediate to Bosutinib. Journal of Heterocyclic Chemistry, 2017, 54, 2237-2241.	2.6	1
83	Nitrogenâ€doped hollow carbon spheres as a support for the synthesis of multifunctional composites. Micro and Nano Letters, 2018, 13, 473-476.	1.3	1
84	A Practical, Wastewater-free Synthesis of m-Aminophenol and 3-(Dibutylamino)phenol. Organic Preparations and Procedures International, 2020, 52, 226-231.	1.3	1
85	Facile Synthesis of MOFâ€Derived Oneâ€Dimensional Nitrogenâ€doped Carbon/Ni Composites and their Application as Catalysts and Protein Adsorbents. ChemistrySelect, 2022, 7, .	1.5	0