

Jian-Chun Bao

List of Publications by Year in descending order

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129
papers

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30070

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Enabling Superior Electrochemical Properties for Highly Efficient Potassium Storage by Impregnating Ultrafine Sb Nanocrystals within Nanochannel-Containing Carbon Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14578-14583.	13.8	332
2	Ru Modulation Effects in the Synthesis of Unique Rod-like Ni@Ni ₂ P-Ru Heterostructures and Their Remarkable Electrocatalytic Hydrogen Evolution Performance. <i>Journal of the American Chemical Society</i> , 2018, 140, 2731-2734.	13.7	326
3	Confining SnS ₂ Ultrathin Nanosheets in Hollow Carbon Nanostructures for Efficient Capacitive Sodium Storage. <i>Joule</i> , 2018, 2, 725-735.	24.0	324
4	Rice husk-derived hard carbons as high-performance anode materials for sodium-ion batteries. <i>Carbon</i> , 2018, 127, 658-666.	10.3	294
5	A Yolk-Shell Structured FePO ₄ Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17504-17510.	13.8	275
6	Co ₃ S ₄ porous nanosheets embedded in graphene sheets as high-performance anode materials for lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6787-6791.	10.3	247
7	2D Electron Gas and Oxygen Vacancy Induced High Oxygen Evolution Performances for Advanced Co ₃ O ₄ /CeO ₂ Nanohybrids. <i>Advanced Materials</i> , 2019, 31, e1900062.	21.0	242
8	A Yolk-Shell Structured FePO ₄ Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 17657-17663.	2.0	191
9	Wet milled synthesis of an Sb/MWCNT nanocomposite for improved sodium storage. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13727.	10.3	188
10	Electrochemiluminescence for Electric-Driven Antibacterial Therapeutics. <i>Journal of the American Chemical Society</i> , 2018, 140, 2284-2291.	13.7	180
11	Metal-organic framework templated nitrogen and sulfur co-doped porous carbons as highly efficient metal-free electrocatalysts for oxygen reduction reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6316-6319.	10.3	179
12	Heteroatoms ternary-doped porous carbons derived from MOFs as metal-free electrocatalysts for oxygen reduction reaction. <i>Scientific Reports</i> , 2014, 4, 5130.	3.3	174
13	Defect-Rich Ni ₃ FeN Nanocrystals Anchored on N-Doped Graphene for Enhanced Electrocatalytic Oxygen Evolution. <i>Advanced Functional Materials</i> , 2018, 28, 1706018.	14.9	169
14	Polyoxometalate-based metal-organic framework-derived hybrid electrocatalysts for highly efficient hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1202-1207.	10.3	165
15	Fluorine-Doped Carbon Particles Derived from Lotus Petioles as High-Performance Anode Materials for Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21336-21344.	3.1	158
16	Kelp-derived hard carbons as advanced anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5761-5769.	10.3	143
17	A Chemically Coupled Antimony/Multilayer Graphene Hybrid as a High-Performance Anode for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2015, 27, 8138-8145.	6.7	139
18	A selenium-confined microporous carbon cathode for ultrastable lithium-selenium batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17735-17739.	10.3	117

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19	Cesium Lead Halide Perovskite Quantum Dots as a Photoluminescence Probe for Metal Ions. <i>Advanced Materials</i> , 2017, 29, 1700150.	21.0	112
20	Cobalt Phosphides Nanocrystals Encapsulated by P-doped Carbon and Married with P-doped Graphene for Overall Water Splitting. <i>Small</i> , 2019, 15, e1804546.	10.0	110
21	Template-free synthesis of metal oxide hollow micro-/nanospheres via Ostwald ripening for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10168-10175.	10.3	109
22	Heterostructural CsPbX ₃ -PbS (X = Cl, Br, I) Quantum Dots with Tunable Vis-NIR Dual Emission. <i>Journal of the American Chemical Society</i> , 2020, 142, 4464-4471.	13.7	107
23	A Few-Layer SnS ₂ /Reduced Graphene Oxide Sandwich Hybrid for Efficient Sodium Storage. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3261-3269.	3.1	105
24	An SbO _x /Reduced Graphene Oxide Composite as a High-Rate Anode Material for Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23527-23534.	3.1	101
25	Photocatalytic Activity of (Copper, Nitrogen)-codoped Titanium Dioxide Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1369-1371.	3.8	100
26	Electrochemiluminescence Tuned by Electron-Hole Recombination from Symmetry-Breaking in Wurtzite ZnSe. <i>Journal of the American Chemical Society</i> , 2016, 138, 1154-1157.	13.7	96
27	Integrating ultrathin and modified NiCoAl-layered double-hydroxide nanosheets with N-doped reduced graphene oxide for high-performance all-solid-state supercapacitors. <i>Nanoscale</i> , 2019, 11, 9896-9905.	5.6	95
28	Fluorescence Regulation of Poly(thymine)-Templated Copper Nanoparticles via an Enzyme-Triggered Reaction toward Sensitive and Selective Detection of Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2017, 89, 3681-3686.	6.5	93
29	Ge Nanoparticles Encapsulated in Nitrogen-Doped Reduced Graphene Oxide as an Advanced Anode Material for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28502-28508.	3.1	92
30	Aggregation of Individual Sensing Units for Signal Accumulation: Conversion of Liquid-Phase Colorimetric Assay into Enhanced Surface-Tethered Electrochemical Analysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 8880-8883.	13.7	92
31	Synthesis and magnetic behavior of an array of nickel-filled carbon nanotubes. <i>Applied Physics Letters</i> , 2002, 81, 4592-4594.	3.3	91
32	Coralloid Co ₂ P ₂ O ₇ Nanocrystals Encapsulated by Thin Carbon Shells for Enhanced Electrochemical Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22534-22544.	8.0	91
33	Improving the Anode Performance of WS ₂ through a Self-Assembled Double Carbon Coating. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15874-15881.	3.1	90
34	Candied-Haws-like Architecture Consisting of FeS ₂ @C Core-Shell Particles for Efficient Potassium Storage. , 2021, 3, 356-363.		90
35	Ultrathin palladium nanosheets with selectively controlled surface facets. <i>Chemical Science</i> , 2018, 9, 4451-4455.	7.4	89
36	An efficient sodium-ion battery consisting of reduced graphene oxide bonded Na ₃ V ₂ (PO ₄) ₃ in a composite carbon network. <i>Journal of Alloys and Compounds</i> , 2018, 767, 131-140.	5.5	86

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37	Dual Signal Amplification Using Gold Nanoparticles-Enhanced Zinc Selenide Nanoflakes and P19 Protein for Ultrasensitive Photoelectrochemical Biosensing of MicroRNA in Cell. <i>Analytical Chemistry</i> , 2016, 88, 10459-10465.	6.5	85
38	Chemical bonding between antimony and ionic liquid-derived nitrogen-doped carbon for sodium-ion battery anode. <i>Journal of Power Sources</i> , 2017, 349, 37-44.	7.8	85
39	Facile synthesis of high-quality nano-sized CdS hollow spheres and their application in electrogenerated chemiluminescence sensing. <i>Journal of Materials Chemistry</i> , 2007, 17, 1087-1093.	6.7	83
40	Hierarchical Nanospheres Constructed by Ultrathin MoS ₂ Nanosheets Braced on Nitrogen-Doped Carbon Polyhedra for Efficient Lithium and Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2112-2119.	8.0	83
41	Uniformly-distributed Sb nanoparticles in ionic liquid-derived nitrogen-enriched carbon for highly reversible sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13411-13420.	10.3	79
42	Engineering Zn _{1-x} Cd _x S/CdS Heterostructures with Enhanced Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14535-14541.	8.0	73
43	Fe-Porphyrin-Based Covalent Organic Framework As a Novel Peroxidase Mimic for a One-Pot Glucose Colorimetric Assay. <i>ACS Applied Bio Materials</i> , 2018, 1, 382-388.	4.6	72
44	A facile synthesis of PdCo bimetallic hollow nanospheres and their application to Sonogashira reaction in aqueous media. <i>New Journal of Chemistry</i> , 2006, 30, 832.	2.8	71
45	Concave octahedral Pd@PdPt electrocatalysts integrating core-shell, alloy and concave structures for high-efficiency oxygen reduction and hydrogen evolution reactions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16690-16697.	10.3	69
46	Two-dimensional nanostructures of non-layered ternary thiospinels and their bifunctional electrocatalytic properties for oxygen reduction and evolution: the case of CuCo ₂ S ₄ nanosheets. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1501-1509.	6.0	69
47	Preparation of lotus-leaf-like polystyrene micro- and nanostructure films and its blood compatibility. <i>Journal of Materials Chemistry</i> , 2009, 19, 9025.	6.7	68
48	A general strategy for embedding ultrasmall CoM _x nanocrystals (M = S, O, Se, and Te) in hierarchical porous carbon nanofibers for high-performance potassium storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1487-1494.	10.3	68
49	Ultralong Cycle Life Sodium-Ion Battery Anodes Using a Graphene-Templated Carbon Hybrid. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22426-22431.	3.1	66
50	Self-assembly of a mesoporous ZnS/mediating interface/CdS heterostructure with enhanced visible-light hydrogen-production activity and excellent stability. <i>Chemical Science</i> , 2015, 6, 5263-5268.	7.4	65
51	Sn ₄ P ₃ nanoparticles confined in multilayer graphene sheets as a high-performance anode material for potassium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 66, 413-421.	12.9	64
52	Polarized Optoelectronics of CsPbX ₃ (X = Cl, Br, I) Perovskite Nanoplates with Tunable Size and Thickness. <i>Advanced Functional Materials</i> , 2018, 28, 1800283.	14.9	63
53	Novel nitrogen-doped reduced graphene oxide-bonded Sb nanoparticles for improved sodium storage performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11244-11251.	10.3	62
54	Enhancing the Anode Performance of Antimony through Nitrogen-Doped Carbon and Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3214-3220.	3.1	61

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55	Component-Controlled Synthesis of Necklace-Like Hollow Ni _x Ru _y Nanoalloys as Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17326-17336.	8.0	60
56	Construction of Metal-Ion-Free G-quadruplex-Hemin DNAzyme and Its Application in S1 Nuclease Detection. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 827-833.	8.0	56
57	3D Porous Nanoarchitectures Derived from SnS/S-doped Graphene Hybrid Nanosheets for Flexible All-Solid-State Supercapacitors. <i>Small</i> , 2017, 13, 1603494.	10.0	55
58	Engineering Mo/Mo ₂ C/MoC hetero-interfaces for enhanced electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8920-8926.	10.3	54
59	Phase-Modulation of Iron/Nickel Phosphides Nanocrystals "Armored" with Porous Doped Carbon and Anchored on Doped Graphene Nanohybrids for Enhanced Overall Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2010912.	14.9	54
60	Enabling Superior Electrochemical Properties for Highly Efficient Potassium Storage by Impregnating Ultrafine Sb Nanocrystals within Nanochannel-Containing Carbon Nanofibers. <i>Angewandte Chemie</i> , 2019, 131, 14720-14725.	2.0	53
61	Fabrication of Hierarchical Nanostructure of Silver via a Surfactant-Free Mixed Solvents Route. <i>Crystal Growth and Design</i> , 2009, 9, 3941-3947.	3.0	52
62	Arabinogalactan protein "rare earth element complexes activate plant endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14349-14357.	7.1	52
63	A novel tetragonal pyramid-shaped porous ZnO nanostructure and its application in the biosensing of horseradish peroxidase. <i>Journal of Materials Chemistry</i> , 2008, 18, 1919.	6.7	51
64	Synergistic effect of mesoporous Mn ₂ O ₃ -supported Pd nanoparticle catalysts for electrocatalytic oxygen reduction reaction with enhanced performance in alkaline medium. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1272-1276.	10.3	51
65	Quantum dots sensitized titanium dioxide decorated reduced graphene oxide for visible light excited photoelectrochemical biosensing at a low potential. <i>Biosensors and Bioelectronics</i> , 2014, 54, 331-338.	10.1	49
66	Crystalline Facet-Directed Generation Engineering of Ultrathin Platinum Nanodendrites. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 663-671.	4.6	49
67	Novel surfactant-directed synthesis of ultra-thin palladium nanosheets as efficient electrocatalysts for glycerol oxidation. <i>Chemical Communications</i> , 2017, 53, 1642-1645.	4.1	47
68	Fluorescence Regulation of Copper Nanoclusters via DNA Template Manipulation toward Design of a High Signal-to-Noise Ratio Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6965-6971.	8.0	47
69	A localized surface plasmon resonance-enhanced photoelectrochemical biosensing strategy for highly sensitive and scatheless cell assay under red light excitation. <i>Chemical Communications</i> , 2016, 52, 11799-11802.	4.1	45
70	Vertically Oriented and Interpenetrating CuSe Nanosheet Films with Open Channels for Flexible All-Solid-State Supercapacitors. <i>ACS Omega</i> , 2017, 2, 1089-1096.	3.5	45
71	Synthesis of multicore-shell FeS ₂ @C nanocapsules for stable potassium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 73, 126-132.	12.9	43
72	High-Performance Flexible In-Plane Micro-Supercapacitors Based on Vertically Aligned CuSe@Ni(OH) ₂ Hybrid Nanosheet Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38341-38349.	8.0	41

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73	Conjugated Polymer-Quantum Dot Hybrid Materials for Pathogen Discrimination and Disinfection. ACS Applied Materials & Interfaces, 2020, 12, 21263-21269.	8.0	41
74	Two-dimensional porous $\text{Al}(\text{OOH})_2$ and Al_2O_3 nanosheets: hydrothermal synthesis, formation mechanism and catalytic performance. RSC Advances, 2015, 5, 71728-71734.	3.6	40
75	All-Inorganic Perovskite Quantum Dots/Si Heterojunction Light-Emitting Diodes under DC and AC Driving Modes. Advanced Optical Materials, 2018, 6, 1700897.	7.3	39
76	A Signal-On-Photoelectrochemical Biosensor Based on Bismuth@N,O-Codoped Carbon Core-Shell Nanohybrids for Ultrasensitive Detection of Telomerase in HeLa Cells. Chemistry - A European Journal, 2018, 24, 3677-3682.	3.3	35
77	Engineering the Morphology and Configuration of Ternary Heterostructures for Improving Their Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 4516-4522.	8.0	34
78	Novel Blood-Compatible Polyurethane Ionomer Nanoparticles. Macromolecules, 2009, 42, 9366-9368.	4.8	32
79	Highly branched ultrathin Pt-Ru nanodendrites. Chemical Communications, 2019, 55, 11131-11134.	4.1	31
80	Facile synthesis of ultrathin single-crystalline palladium nanowires with enhanced electrocatalytic activities. Chemical Communications, 2016, 52, 12996-12999.	4.1	30
81	A novel nanostructure of nickel nanotubes encapsulated in carbon nanotubes. Chemical Communications, 2003, , 208-209.	4.1	29
82	Construction of Amorphous FePO_4 Nanosheets with Enhanced Sodium Storage Properties. ACS Applied Energy Materials, 2018, 1, 4395-4402.	5.1	29
83	Reversible Transformation between CsPbBr_3 Perovskite Nanowires and Nanorods with Polarized Optoelectronic Properties. Advanced Functional Materials, 2021, 31, 2011251.	14.9	29
84	A highly stable potassium-ion battery anode enabled by multilayer graphene sheets embedded with SnTe nanoparticles. Chemical Engineering Journal, 2022, 435, 135100.	12.7	29
85	Electrochemical monitoring of an important biomarker and target protein: VEGFR2 in cell lysates. Scientific Reports, 2014, 4, 3982.	3.3	28
86	Low Potential Detection of NADH at Titanium-Containing MCM-41-Modified Glassy Carbon Electrode. Electroanalysis, 2007, 19, 604-607.	2.9	27
87	Component-Controlled Synthesis of Small-Sized Pd-Ag Bimetallic Alloy Nanocrystals and Their Application in a Non-Enzymatic Glucose Biosensor. Particle and Particle Systems Characterization, 2013, 30, 549-556.	2.3	27
88	SbSI Nanocrystals: An Excellent Visible Light Photocatalyst with Efficient Generation of Singlet Oxygen. ACS Sustainable Chemistry and Engineering, 2018, 6, 12166-12175.	6.7	27
89	Polyoxometalate-Decorated $\text{g-C}_3\text{N}_4$ -Wrapping Snowflake-Like CdS Nanocrystal for Enhanced Photocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 15930-15936.	3.3	27
90	Significantly Enhanced Hydrogen Evolution Activity of Freestanding Pd-Ru Distorted Icosahedral Clusters with less than 600 Atoms. Chemistry - A European Journal, 2017, 23, 18203-18207.	3.3	24

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91	Sequence and Structure Dual-Dependent Interaction between Small Molecules and DNA for the Detection of Residual Silver Ions in As-Prepared Silver Nanomaterials. <i>Analytical Chemistry</i> , 2017, 89, 6815-6820.	6.5	23
92	Ligand-controlled synthesis of high density and ultra-small Ru nanoparticles with excellent electrocatalytic hydrogen evolution performance. <i>Nano Research</i> , 2022, 15, 1269-1275.	10.4	23
93	Synergistic effects of ZrO ₂ or BaO ₃ on flame-retarded poly (butyl) Tj ETQg ₁ 1 0.784314 rgB ₂₂	2.0	14
94	Dual-path modulation of hydrogen peroxide to ameliorate hypoxia for enhancing photodynamic/starvation synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9933-9942.	5.8	22
95	Synergistic effects of nano-Mn _{0.4} Zn _{0.6} Fe ₂ O ₄ on intumescent flame-retarded polypropylene. <i>Journal of Vinyl and Additive Technology</i> , 2008, 14, 120-125.	3.4	21
96	Well-Coupled Nanohybrids Obtained by Component-Controlled Synthesis and in Situ Integration of Mn _x Pd _y Nanocrystals on Vulcan Carbon for Electrocatalytic Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8155-8164.	8.0	20
97	Amorphous Y(OH) ₃ -promoted Ru/Y(OH) ₃ nanohybrids with high durability for electrocatalytic hydrogen evolution in alkaline media. <i>Chemical Communications</i> , 2018, 54, 12202-12205.	4.1	19
98	Nanostructured metal chalcogenides confined in hollow structures for promoting energy storage. <i>Nanoscale Advances</i> , 2020, 2, 583-604.	4.6	18
99	Anchoring ultrafine CoP and CoSb nanoparticles into rich N-doped carbon nanofibers for efficient potassium storage. <i>Science China Materials</i> , 2022, 65, 43-50.	6.3	18
100	Detection of NADH and Ethanol at Titanium Containing MCM-41 with Low Overpotential. <i>Electroanalysis</i> , 2007, 19, 1591-1596.	2.9	15
101	Polyoxometalate-assisted fabrication of the Pd nanoparticle/reduced graphene oxide nanocomposite with enhanced methanol-tolerance for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2016, 40, 914-918.	2.8	15
102	Double-Coated Fe ₂ N@TiO ₂ @C Core-Shell Submicrocubes as an Advanced Anode for Potassium-Ion Batteries. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1878-1884.	4.9	15
103	CsPbX ₃ ∕TiO ₂ (X = Cl, Br, I) Nano-Heterojunctions: Voltage Tuned Positive to Negative Photoresponse. <i>Small</i> , 2021, 17, e2101403.	10.0	15
104	Facile synthesis of PdFe alloy tetrahedrons for boosting electrocatalytic properties towards formic acid oxidation. <i>Nanoscale</i> , 2019, 11, 18015-18020.	5.6	14
105	Charge, adsorption, water stability and bandgap tuning of an anionic Cd(II) porphyrinic metal-organic framework. <i>Dalton Transactions</i> , 2019, 48, 8678-8692.	3.3	14
106	Versatile Synthesis of Pd ^m M (M=Cr, Mo, W) Alloy Nanosheets Flower-like Superstructures for Efficient Oxygen Reduction Electrocatalysis. <i>ChemCatChem</i> , 2020, 12, 4138-4148.	3.7	14
107	Monoclinic Copper(I) Selenide Nanocrystals and Copper(I) Selenide/Palladium Heterostructures: Synthesis, Characterization, and Surface-Enhanced Raman Scattering Performance. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2229-2236.	2.0	13
108	Unveiling the anti-cancer mechanism for half-sandwich and cyclometalated Ir(III)-based complexes with functionalized Lipoic acid. <i>RSC Advances</i> , 2020, 10, 5392-5398.	3.6	13

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109	Rapid Aqueous Synthesis of Large-Size and Edge/Defect-Rich Porous Pd and Pd-Alloyed Nanomesh for Electrocatalytic Ethanol Oxidation. <i>Chemistry - A European Journal</i> , 2021, 27, 11175-11182.	3.3	12
110	A postsynthetic ion exchange method for tunable doping of hydroxyapatite nanocrystals. <i>RSC Advances</i> , 2017, 7, 56537-56542.	3.6	11
111	Mesoporous SiO ₂ -(l)-lysine hybrid nanodisks: direct electron transfer of superoxide dismutase, sensitive detection of superoxide anions and its application in living cell monitoring. <i>RSC Advances</i> , 2013, 3, 20456.	3.6	10
112	Continuous preparation of antimony nanocrystals with near infrared photothermal property by pulsed laser ablation in liquids. <i>Scientific Reports</i> , 2020, 10, 15095.	3.3	9
113	Ambipolar Photoresponse of CsPbX ₃ -ZnO (X = Cl, Br, and I) Heterojunctions. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1525-1532.	4.3	9
114	General Preparation and Shaping of Multifunctional Nanowire Aerogels for Pressure/Gas/Photo-Sensing. <i>Advanced Fiber Materials</i> , 2022, 4, 66-75.	16.1	7
115	Ternary phase diagram of all-inorganic perovskite CsPbCl _a Br _b I _{3-a-b} nanocrystals. <i>Nano Research</i> , 2022, 15, 7590-7596.	10.4	7
116	Synergistic Effects of Nano-BaWO ₄ on Intumescent Flame-Retarded Polypropylene. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 621-626.	1.9	6
117	Small-sized Ag nanocrystals: high yield synthesis in a solid-liquid phase system, growth mechanism and their successful application in the Sonogashira reaction. <i>RSC Advances</i> , 2012, 2, 6061.	3.6	6
118	Correction to Two-Dimensional Tin Selenide Nanostructures for Flexible All-Solid-State Supercapacitors. <i>ACS Nano</i> , 2014, 8, 6509-6509.	14.6	6
119	Quantum Dots for Monitoring Choline Consumption Process of Living Cells via an Electrostatic Force-Mediated Energy Transfer. <i>ACS Applied Bio Materials</i> , 2019, 2, 5528-5534.	4.6	5
120	Two anionic Ni(II) porphyrinic metal-organic frameworks: Syntheses, flexibility and roles in visible-light photocatalytic CO ₂ reduction to CO in the Ru(bpy) ₃ Cl ₂ /TEA/CH ₃ CN system. <i>Journal of Solid State Chemistry</i> , 2020, 287, 121340.	2.9	5
121	Gram-Scale Synthesis of Multipod Pd Nanocrystals by a Simple Solid-Liquid Phase Reaction and Their Remarkable Electrocatalytic Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3740-3746.	2.0	4
122	Overall Water Splitting: Cobalt Phosphides Nanocrystals Encapsulated by P-Doped Carbon and Married with P-Doped Graphene for Overall Water Splitting (Small 10/2019). <i>Small</i> , 2019, 15, 1970052.	10.0	4
123	The cocatalyst roles of three anionic Cd(II) porphyrinic metal-organic frameworks in the photocatalytic CO ₂ reduction to CO process carried out in Ru(bpy) ₃ Cl ₂ /CH ₃ CN/H ₂ O/Triethylamine or triethanolamine system. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121690.	2.9	4
124	Engineering PdIr Nanostructures Synergistically Induced by Self-Assembled Surfactants and Halide Ions for Alcohol Electrooxidation. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
125	Geometric bionics: Lotus effect helps polystyrene nanotube films get good blood compatibility. <i>Nature Precedings</i> , 2009, , .	0.1	3
126	Agar-induced hollow porous carbon nanospheres anchored platinum for high-performance hydrogenation. <i>Chemosphere</i> , 2020, 243, 125387.	8.2	3

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127	Theoretical Investigation into Thermodynamics and Electronic Structure of an Ammonia-productive Molybdenum-centered Catalyst. <i>Inorganic Chemistry</i> , 2021, 60, 11878-11882.	4.0	3
128	A nanoscaled Au-horseradish peroxidase composite fabricated by an interface reaction and its characterization, immobilization and biosensing. <i>Analytical Methods</i> , 2015, 7, 3466-3471.	2.7	1
129	Supercapacitors: 3D Porous Nanoarchitectures Derived from SnS/S-doped Graphene Hybrid Nanosheets for Flexible All-Solid-State Supercapacitors (<i>Small</i> 12/2017). <i>Small</i> , 2017, 13, .	10.0	0