

Ya-Ping Du

List of Publications by Year in descending order

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papers

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22132

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Few-Layer MoS ₂ Nanosheet-Coated TiO ₂ Nanobelt Heterostructures for Enhanced Photocatalytic Activities. <i>Small</i> , 2013, 9, 140-147.	5.2	1,166
2	Surface strategies for catalytic CO ₂ reduction: from two-dimensional materials to nanoclusters to single atoms. <i>Chemical Society Reviews</i> , 2019, 48, 5310-5349.	18.7	607
3	Near-Infrared Photoluminescent Ag ₂ S Quantum Dots from a Single Source Precursor. <i>Journal of the American Chemical Society</i> , 2010, 132, 1470-1471.	6.6	577
4	One-pot synthesis of CoFe ₂ O ₄ /graphene oxide hybrids and their conversion into FeCo/graphene hybrids for lightweight and highly efficient microwave absorber. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5535-5546.	5.2	494
5	Electrochemically Reduced Single-Layer MoS ₂ Nanosheets: Characterization, Properties, and Sensing Applications. <i>Small</i> , 2012, 8, 2264-2270.	5.2	373
6	A general method for the large-scale synthesis of uniform ultrathin metal sulphide nanocrystals. <i>Nature Communications</i> , 2012, 3, 1177.	5.8	368
7	pH-responsive injectable hydrogels with mucosal adhesiveness based on chitosan-grafted-dihydrocaffeic acid and oxidized pullulan for localized drug delivery. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 224-234.	5.0	334
8	Phosphorization boosts the capacitance of mixed metal nanosheet arrays for high performance supercapacitor electrodes. <i>Nanoscale</i> , 2018, 10, 11775-11781.	2.8	274
9	A general salt-resistant hydrophilic/hydrophobic nanoporous double layer design for efficient and stable solar water evaporation distillation. <i>Materials Horizons</i> , 2018, 5, 1143-1150.	6.4	232
10	Ultrathin PtNiM (M = Rh, Os, and Ir) Nanowires as Efficient Fuel Oxidation Electrocatalytic Materials. <i>Advanced Materials</i> , 2019, 31, e1805833.	11.1	223
11	Efficient Energy Transfer in Monodisperse Eu-Doped ZnO Nanocrystals Synthesized from Metal Acetylacetonates in High-Boiling Solvents. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12234-12241.	1.5	212
12	Rare-earth-containing perovskite nanomaterials: design, synthesis, properties and applications. <i>Chemical Society Reviews</i> , 2020, 49, 1109-1143.	18.7	211
13	Two-Dimensional Flexible Bilayer Janus Membrane for Advanced Photothermal Water Desalination. <i>ACS Energy Letters</i> , 2018, 3, 1165-1171.	8.8	203
14	From Trifluoroacetate Complex Precursors to Monodisperse Rare-Earth Fluoride and Oxyfluoride Nanocrystals with Diverse Shapes through Controlled Fluorination in Solution Phase. <i>Chemistry - A European Journal</i> , 2007, 13, 2320-2332.	1.7	189
15	Multimodal Luminescent Yb ³⁺ /Er ³⁺ /Bi ³⁺ -Doped Perovskite Single Crystals for X-ray Detection and Anti-Counterfeiting. <i>Advanced Materials</i> , 2020, 32, e2004506.	11.1	187
16	A facile, relative green, and inexpensive synthetic approach toward large-scale production of SnS ₂ nanoplates for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2013, 5, 1456.	2.8	177
17	Ultrathin Visible-Light-Driven Mo Incorporating In ₂ O ₃ –ZnIn ₂ Se ₄ Z-scheme Nanosheet Photocatalysts. <i>Advanced Materials</i> , 2019, 31, e1807226.	11.1	165
18	Fabrication of MoS ₂ nanosheet@TiO ₂ nanotube hybrid nanostructures for lithium storage. <i>Nanoscale</i> , 2014, 6, 5245-5250.	2.8	158

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19	Matchstick-Shaped Ag ₂ S-ZnS Heteronanostructures Preserving both UV/Blue and Near-Infrared Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7115-7118.	7.2	153
20	Tungsten-Doped Li ₂ O-PtCo Ultrasmall Nanoparticles as a High-Performance Fuel Cell Cathode. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15471-15477.	7.2	150
21	MOF-derived porous Ni ₂ P nanosheets as novel bifunctional electrocatalysts for the hydrogen and oxygen evolution reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18720-18727.	5.2	149
22	Regulating the active species of Ni(OH) ₂ using CeO ₂ : 3D CeO ₂ /Ni(OH) ₂ /carbon foam as an efficient electrode for the oxygen evolution reaction. <i>Chemical Science</i> , 2017, 8, 3211-3217.	3.7	141
23	Antibacterial mechanism and activity of cerium oxide nanoparticles. <i>Science China Materials</i> , 2019, 62, 1727-1739.	3.5	137
24	Electrochromic Poly(chalcogenoviologen)s as Anode Materials for High-Performance Organic Radical Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8468-8473.	7.2	134
25	Full Solution-Processed Synthesis of All Metal Oxide-Based Tree-like Heterostructures on Fluorine-Doped Tin Oxide for Water Splitting. <i>Advanced Materials</i> , 2012, 24, 5374-5378.	11.1	131
26	Luminescent Monodisperse Nanocrystals of Lanthanide Oxyfluorides Synthesized from Trifluoroacetate Precursors in High-Boiling Solvents. <i>Journal of Physical Chemistry C</i> , 2008, 112, 405-415.	1.5	130
27	Benzoxazole and benzimidazole heterocycle-grafted graphene for high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23439.	6.7	126
28	Rare earth incorporated electrode materials for advanced energy storage. <i>Coordination Chemistry Reviews</i> , 2019, 390, 32-49.	9.5	126
29	Colloidal synthesis of 1T' phase dominated WS ₂ towards durable electrocatalysis. <i>Nano Energy</i> , 2018, 50, 176-181.	8.2	123
30	Efficient Optimization of Electron/Oxygen Pathway by Constructing Ceria/Hydroxide Interface for Highly Active Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2020, 30, 1908367.	7.8	120
31	Highly Luminescent Self-Organized Sub-2-nm EuOF Nanowires. <i>Journal of the American Chemical Society</i> , 2009, 131, 16364-16365.	6.6	119
32	Optically active uniform potassium and lithium rare earth fluoride nanocrystals derived from metal trifluoroacetate precursors. <i>Dalton Transactions</i> , 2009, , 8574.	1.6	113
33	Self-Assembled Peptide-Lanthanide Nanoclusters for Safe Tumor Therapy: Overcoming and Utilizing Biological Barriers to Peptide Drug Delivery. <i>ACS Nano</i> , 2018, 12, 2017-2026.	7.3	110
34	Oxygen Vacancies on Layered Niobic Acid That Weaken the Catalytic Conversion of Polysulfides in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11491-11496.	7.2	104
35	Phase Transformation Fabrication of a Cu ₂ S Nanoplate as an Efficient Catalyst for Water Oxidation with Glycine. <i>Inorganic Chemistry</i> , 2015, 54, 3281-3289.	1.9	102
36	A Smart Nanoplatfom with Photothermal Antibacterial Capability and Antioxidant Activity for Chronic Wound Healing. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100033.	3.9	101

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37	Tailoring the d-band center of N-doped carbon nanotube arrays with Co ₄ N nanoparticles and single-atom Co for a superior hydrogen evolution reaction. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	95
38	Colloidally synthesized MoSe ₂ /graphene hybrid nanostructures as efficient electrocatalysts for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19706-19710.	5.2	92
39	MoSe ₂ nanosheets grown on carbon cloth with superior electrochemical performance as flexible electrode for sodium ion batteries. <i>RSC Advances</i> , 2016, 6, 1440-1444.	1.7	92
40	Ultrathin 2D Rare-Earth Nanomaterials: Compositions, Syntheses, and Applications. <i>Advanced Materials</i> , 2020, 32, e1806461.	11.1	92
41	Organic Thiocarboxylate Electrodes for a Room-Temperature Sodium-Ion Battery Delivering an Ultrahigh Capacity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15334-15338.	7.2	91
42	Atomically Efficient Synthesis of Self-assembled Monodisperse and Ultrathin Lanthanide Oxide Nanoplates. <i>Journal of the American Chemical Society</i> , 2009, 131, 3162-3163.	6.6	86
43	Rare-Earth Incorporated Alloy Catalysts: Synthesis, Properties, and Applications. <i>Advanced Materials</i> , 2021, 33, e2005988.	11.1	84
44	Uniform Alkaline Earth Fluoride Nanocrystals with Diverse Shapes Grown from Thermolysis of Metal Trifluoroacetates in Hot Surfactant Solutions. <i>Crystal Growth and Design</i> , 2009, 9, 2013-2019.	1.4	83
45	Facile synthesis of LiMn ₂ O ₄ octahedral nanoparticles as cathode materials for high capacity lithium ion batteries with long cycle life. <i>Journal of Power Sources</i> , 2015, 278, 574-581.	4.0	83
46	WO _x -Surface Decorated PtNi@Pt Dendritic Nanowires as Efficient pH-Universal Hydrogen Evolution Electrocatalysts. <i>Advanced Energy Materials</i> , 2021, 11, 2003192.	10.2	82
47	Tunable CO/H ₂ ratios of electrochemical reduction of CO ₂ through the Zn-Ln dual atomic catalysts. <i>Science Advances</i> , 2021, 7, eabl4915.	4.7	82
48	Symmetric full cells assembled by using self-supporting Na ₃ V ₂ (PO ₄) ₃ bipolar electrodes for superior sodium energy storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7155-7159.	5.2	81
49	Generalized synthesis of metal sulfide nanocrystals from single-source precursors: size, shape and chemical composition control and their properties. <i>CrystEngComm</i> , 2011, 13, 4572.	1.3	80
50	A Reversibly Responsive Fluorochromic Hydrogel Based on Lanthanide-Mannose Complex. <i>Advanced Science</i> , 2019, 6, 1802112.	5.6	76
51	One-Dimensional Lead-Free Halide with Near-Unity Greenish-Yellow Light Emission. <i>Chemistry of Materials</i> , 2020, 32, 6525-6531.	3.2	73
52	Superior-Performance Aqueous Zinc Ion Battery Based on Structural Transformation of MnO ₂ by Rare Earth Doping. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22735-22741.	1.5	70
53	Facile synthesis of ZnO/CuInS ₂ nanorod arrays for photocatalytic pollutants degradation. <i>Journal of Hazardous Materials</i> , 2016, 317, 430-439.	6.5	69
54	Kinetically-Driven Phase Transformation during Lithiation in Copper Sulfide Nanoflakes. <i>Nano Letters</i> , 2017, 17, 5726-5733.	4.5	67

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55	Synthesis of High-Quality $\text{I}^{\pm}\text{-MnSe}$ Nanostructures with Superior Lithium Storage Properties. <i>Inorganic Chemistry</i> , 2016, 55, 2765-2770.	1.9	66
56	Lanthanide doping induced electrochemical enhancement of $\text{Na}_{2}\text{Ti}_{3}\text{O}_{7}$ anodes for sodium-ion batteries. <i>Chemical Science</i> , 2018, 9, 3421-3425.	3.7	66
57	Lanthanide electronic perturbation in $\text{Pt}^{\epsilon}\text{-Ln}$ (La, Ce, Pr and Nd) alloys for enhanced methanol oxidation reaction activity. <i>Energy and Environmental Science</i> , 2021, 14, 5911-5918.	15.6	65
58	Tuning infrared plasmon resonances in doped metal-oxide nanocrystals through cation-exchange reactions. <i>Nature Communications</i> , 2019, 10, 1394.	5.8	64
59	Diverse-shaped iron sulfide nanostructures synthesized from a single source precursor approach. <i>CrystEngComm</i> , 2010, 12, 3658.	1.3	62
60	Room temperature stable CO -free H_{2} production from methanol with magnesium oxide nanophotocatalysts. <i>Science Advances</i> , 2016, 2, e1501425.	4.7	62
61	Assembled 3D electrocatalysts for efficient hydrogen evolution: WSe_{2} layers anchored on graphene sheets. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 313-319.	3.0	61
62	When rare earth meets carbon nanodots: mechanisms, applications and outlook. <i>Chemical Society Reviews</i> , 2020, 49, 9220-9248.	18.7	61
63	Interplanar space-controllable carboxylate pillared metal organic framework ultrathin nanosheet for superhigh capacity rechargeable alkaline battery. <i>Nano Energy</i> , 2019, 62, 876-882.	8.2	60
64	A Review on CeO_{2} -Based Electrocatalyst and Photocatalyst in Energy Conversion. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000063.	2.8	60
65	Solid Nanoporosity Governs Catalytic CO_{2} and N_{2} Reduction. <i>ACS Nano</i> , 2020, 14, 7734-7759.	7.3	59
66	A highly efficient atomically thin curved PdIr bimetallic electrocatalyst. <i>National Science Review</i> , 2021, 8, nwab019.	4.6	59
67	2D Materials Based on Main Group Element Compounds: Phases, Synthesis, Characterization, and Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2001127.	7.8	58
68	Single-Crystalline and Near-Monodispersed NaMF_{3} (M=Mn, Co, Ni, Mg) and LiMAIF_{6} (M=Ca, Sr) Nanocrystals from Cothermolysis of Multiple Trifluoroacetates in Solution. <i>Chemistry - an Asian Journal</i> , 2007, 2, 965-974.	1.7	57
69	Rare earth double perovskites: a fertile soil in the field of perovskite oxides. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2226-2238.	3.0	57
70	Layered Double Hydroxide Hollowcages with Adjustable Layer Spacing for High Performance Hybrid Supercapacitor. <i>Small</i> , 2021, 17, e2104423.	5.2	57
71	Structural-Phase Catalytic Redox Reactions in Energy and Environmental Applications. <i>Advanced Materials</i> , 2020, 32, e1905739.	11.1	56
72	Enhanced tribocatalytic degradation using piezoelectric CdS nanowires for efficient water remediation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14845-14854.	2.7	54

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73	Self-Assembled Sandwich-like Vanadium Oxide/Graphene Mesoporous Composite as High-Capacity Anode Material for Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2015, 54, 11799-11806.	1.9	52
74	Thermally Stable Hierarchical Nanostructures of Ultrathin MoS ₂ Nanosheet-Coated CeO ₂ Hollow Spheres as Catalyst for Ammonia Decomposition. <i>Inorganic Chemistry</i> , 2016, 55, 3992-3999.	1.9	52
75	Core-shell structured CeO ₂ @MoS ₂ nanocomposites for high performance symmetric supercapacitors. <i>CrystEngComm</i> , 2016, 18, 4158-4164.	1.3	51
76	Effective Construction of High-quality Iron Oxy-hydroxides and Co-doped Iron Oxy-hydroxides Nanostructures: Towards the Promising Oxygen Evolution Reaction Application. <i>Scientific Reports</i> , 2017, 7, 43590.	1.6	51
77	Electrolytes for Batteries with Earth-Abundant Metal Anodes. <i>Chemistry - A European Journal</i> , 2018, 24, 18220-18234.	1.7	50
78	High quality sulfur-doped titanium dioxide nanocatalysts with visible light photocatalytic activity from non-hydrolytic thermolysis synthesis. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 521-525.	3.0	49
79	Biodegradable thermal imaging-tracked ultralong nanowire-reinforced conductive nanocomposites elastomers with intrinsic efficient antibacterial and anticancer activity for enhanced biomedical application potential. <i>Biomaterials</i> , 2019, 201, 68-76.	5.7	49
80	Rare-Earth-Based Metal-Organic Frameworks as Multifunctional Platforms for Catalytic Conversion. <i>Small</i> , 2021, 17, e2005371.	5.2	47
81	Enhanced conversion efficiency in perovskite solar cells by effectively utilizing near infrared light. <i>Nanoscale</i> , 2016, 8, 14432-14437.	2.8	45
82	Tumor-Microenvironment-Induced Degradation of Ultrathin Gadolinium Oxide Nanoscrolls for Magnetic-Resonance-Imaging-Monitored, Activatable Cancer Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6880-6885.	7.2	44
83	Synthesis of MoX ₂ (X = Se or S) monolayers with high-concentration 1T phase on 4H/fcc-Au nanorods for hydrogen evolution. <i>Nano Research</i> , 2019, 12, 1301-1305.	5.8	44
84	Multifunctional cerium doped carbon dots nanoplatfrom and its applications for wound healing. <i>Chemical Engineering Journal</i> , 2021, 423, 130301.	6.6	44
85	Construction of High-Quality SnO ₂ @MoS ₂ Nanohybrids for Promising Photoelectrocatalytic Applications. <i>Inorganic Chemistry</i> , 2017, 56, 3386-3393.	1.9	42
86	Multiresponsive Supramolecular Luminescent Hydrogels Based on a Nucleoside/Lanthanide Complex. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47404-47412.	4.0	42
87	High-quality Cu ₂ ZnSnS ₄ and Cu ₂ ZnSnSe ₄ nanocrystals hybrid with ZnO and NaYF ₄ : Yb, Tm as efficient photocatalytic sensitizers. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 402-411.	10.8	41
88	Fast Li-ion Conductor of Li ₃ HoBr ₆ for Stable All-Solid-State Lithium-Sulfur Battery. <i>Nano Letters</i> , 2021, 21, 9325-9331.	4.5	41
89	Complete CO Oxidation by O ₂ and H ₂ O over Pt-CeO ₂ /MgO Following Langmuir-Hinshelwood and Mars-van Krevelen Mechanisms, Respectively. <i>ACS Catalysis</i> , 2021, 11, 11820-11830.	5.5	40
90	Identification of Singlet Self-Trapped Excitons in a New Family of White-Light-Emitting Zero-Dimensional Compounds. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11625-11630.	1.5	39

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91	Understanding MXene-Based "Symmetric" Supercapacitors and Redox Electrolyte Energy Storage. ACS Applied Energy Materials, 2020, 3, 5006-5014.	2.5	38
92	Multifunctional nanocomposites constructed from Fe ₃ O ₄ @Au nanoparticle cores and a porous silica shell in the solution phase. Dalton Transactions, 2011, 40, 10857.	1.6	36
93	Epoxy containing solid polymer electrolyte for lithium ion battery. Electrochimica Acta, 2019, 318, 302-313.	2.6	35
94	Visualization of the electrocatalytic activity of three-dimensional MoSe ₂ @reduced graphene oxide hybrid nanostructures for oxygen reduction reaction. Nano Research, 2016, 9, 3795-3811.	5.8	34
95	When C ₃ N ₄ meets BaTiO ₃ : Ferroelectric polarization plays a critical role in building a better photocatalyst. Ceramics International, 2020, 46, 4248-4255.	2.3	34
96	Recent advances on rare earths in solid lithium ion conductors. Journal of Rare Earths, 2021, 39, 1-10.	2.5	34
97	Synthesis of Porous Amorphous FePO ₄ Nanotubes and Their Lithium Storage Properties. Chemistry - A European Journal, 2013, 19, 1568-1572.	1.7	33
98	Constructing monodispersed MoSe ₂ anchored on graphene: a superior nanomaterial for sodium storage. Science China Materials, 2017, 60, 167-177.	3.5	33
99	Controlled Synthesis and Properties of Rare Earth Nanomaterials. Fundamental Theories of Physics, 2011, 41, 275-472.	0.1	32
100	Rare-Earth-Based Perovskite Cs ₂ AgScCl ₆ :Bi for Strong Full Visible Spectrum Emission. Advanced Functional Materials, 2022, 32, .	7.8	32
101	Multimodal channel cancer chemotherapy by 2D functional gadolinium metal-organic framework. National Science Review, 2021, 8, nwaa221.	4.6	31
102	Organic Thiocarboxylate Electrodes for a Room-Temperature Sodium-Ion Battery Delivering an Ultrahigh Capacity. Angewandte Chemie, 2017, 129, 15536-15540.	1.6	31
103	Construction of pH-responsive and up-conversion luminescent NaYF ₄ :Yb ³⁺ /Er ³⁺ @SiO ₂ @PMAA nanocomposite for colon targeted drug delivery. Scientific Reports, 2016, 6, 21335.	1.6	30
104	Tungsten-Doped Li ₂ O@PtCo Ultrasmall Nanoparticles as a High-Performance Fuel Cell Cathode. Angewandte Chemie, 2019, 131, 15617-15623.	1.6	30
105	Free-standing 2D nanorfts by assembly of 1D nanorods for biomolecule sensing. Nanoscale, 2019, 11, 12169-12176.	2.8	30
106	Construction of high quality ultrathin lanthanide oxyiodide nanosheets for enhanced CT imaging and anticancer drug delivery to efficient cancer theranostics. Biomaterials, 2020, 230, 119670.	5.7	30
107	Synthesis of Porous, Hollow Metal MCO ₃ (M=Mn, Co, Ca) Microstructures and Adsorption Properties Thereof. Chemistry - A European Journal, 2014, 20, 421-425.	1.7	29
108	Simultaneously targeted imaging cytoplasm and nucleus in living cell by biomolecules capped ultra-small GdOF nanocrystals. Biomaterials, 2015, 59, 21-29.	5.7	29

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109	Photoactivity and Stability Co-Enhancement: When Localized Plasmons Meet Oxygen Vacancies in MgO. <i>Small</i> , 2018, 14, e1803233.	5.2	28
110	High-quality ultralong copper sulphide nanowires for promising applications in high efficiency solar water evaporation. <i>Materials Chemistry Frontiers</i> , 2019, 3, 394-398.	3.2	28
111	Enhanced photocatalytic activity of perovskite NaNbO_3 by oxygen vacancy engineering. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 11697-11704.	1.3	27
112	Ultrafine CoP/Co ₂ P Nanorods Encapsulated in Janus/Twins-type Honeycomb 3D Nitrogen-Doped Carbon Nanosheets for Efficient Hydrogen Evolution. <i>IScience</i> , 2020, 23, 101264.	1.9	27
113	Bioactive Core-Shell CaF_2 Upconversion Nanostructure for Promotion and Visualization of Engineered Bone Reconstruction. <i>ACS Nano</i> , 2020, 14, 16085-16095.	7.3	26
114	Rare earth element based single-atom catalysts: synthesis, characterization and applications in photo/electro-catalytic reactions. <i>Nanoscale Horizons</i> , 2021, 7, 31-40.	4.1	26
115	High quality Fe^{2+} -FeOOH nanostructures constructed by a biomolecule-assisted hydrothermal approach and their pH-responsive drug delivery behaviors. <i>CrystEngComm</i> , 2015, 17, 4064-4069.	1.3	25
116	The interfacial effect induced by rare earth oxide in boosting the conversion of CO_2 to formate. <i>Energy and Environmental Science</i> , 2022, 15, 3494-3502.	15.6	25
117	Three-Electron Redox Enabled Dithiocarboxylate Electrode for Superior Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35469-35476.	4.0	24
118	Gelatin assisted wet chemistry synthesis of high quality Fe^{2+} -FeOOH nanorods anchored on graphene nanosheets with superior lithium-ion battery application. <i>RSC Advances</i> , 2016, 6, 17504-17509.	1.7	23
119	Facet Selectivity Guided Assembly of Nanoarchitectures onto Two-Dimensional Metal-Organic Framework Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17564-17569.	7.2	23
120	Nano Polymorphism-Enabled Redox Electrodes for Rechargeable Batteries. <i>Advanced Materials</i> , 2021, 33, e2004920.	11.1	23
121	Rare earth-based materials for bone regeneration: Breakthroughs and advantages. <i>Coordination Chemistry Reviews</i> , 2022, 450, 214236.	9.5	23
122	Electrochromic Poly(chalcogenoviologen)s as Anode Materials for High-Performance Organic Radical Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 8556-8561.	1.6	22
123	All in one theranostic nanoplatform enables efficient anti-tumor peptide delivery for triple-modal imaging guided cancer therapy. <i>Nano Research</i> , 2019, 12, 593-599.	5.8	22
124	Gram-Scale Synthesis of Nanosized Li_3HoBr_6 Solid Electrolyte for All-Solid-State Li-Se Battery. <i>Small Methods</i> , 2021, 5, e2101002.	4.6	22
125	A sandwich-type sulfur cathode based on multifunctional ceria hollow spheres for high-performance lithium-sulfur batteries. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1317-1322.	3.2	21
126	Phosphine-Free, Low-Temperature Synthesis of Tetrapod-Shaped CdS and Its Hybrid with Au Nanoparticles. <i>Small</i> , 2014, 10, 4727-4734.	5.2	20

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127	Periodic AuAg ₂ S Heterostructured Nanowires. <i>Small</i> , 2014, 10, 479-482.	5.2	20
128	High-Quality Copper Sulfide Nanocrystals with Diverse Shapes and Their Catalysis for Electrochemical Reduction of H ₂ O ₂ . <i>Particle and Particle Systems Characterization</i> , 2015, 32, 536-541.	1.2	20
129	Synthesis of high-quality lanthanide oxybromides nanocrystals with single-source precursor for promising applications in cancer cells imaging. <i>Applied Materials Today</i> , 2015, 1, 20-26.	2.3	20
130	Ultrathin lanthanide oxides nanomaterials: synthesis, properties and applications. <i>Science Bulletin</i> , 2016, 61, 1422-1434.	4.3	20
131	Study of a composite solid electrolyte made from a new pyrrolidone-containing polymer and LLZTO. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 389-398.	5.0	20
132	Rare-earth-incorporated low-dimensional chalcogenides: Dry-method syntheses and applications. <i>Informa Mater</i> , 2020, 2, 466-482.	8.5	20
133	Synthesis of high quality CuO nanoflakes and CuO@Au nanohybrids for superior visible light photocatalytic behavior. <i>RSC Advances</i> , 2016, 6, 81607-81613.	1.7	19
134	Controlled Synthesis of Ultrathin Lanthanide Oxide Nanosheets and Their Promising pH-Controlled Anticancer Drug Delivery. <i>Chemistry - A European Journal</i> , 2015, 21, 11954-11960.	1.7	18
135	Modulation of Surface Energy Transfer Cascade for Reversible Photoluminescence pH Sensing. <i>Chemistry of Materials</i> , 2019, 31, 8121-8128.	3.2	17
136	Self-Assembled Ferromagnetic Monodisperse Manganese Oxide Nanoplates Synthesized by a Modified Nonhydrolytic Approach. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6521-6528.	1.5	15
137	Lattice distortion and its role in the magnetic behavior of the Mn-doped ZnO system. <i>New Journal of Physics</i> , 2012, 14, 013033.	1.2	15
138	Well-defined Co _x CeO _{2+x} @MoS ₂ nanotube hybrids as novel electrocatalysts for promising hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9523-9527.	5.2	15
139	Ligand induced structure and property changes of 1T-MoS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9391-9398.	1.3	15
140	Organic-Rare Earth Hybrid Anode with Superior Cyclability for Lithium Ion Battery. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902168.	1.9	15
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