

An-Wu Xu

List of Publications by Year in descending order

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169
papers

12,110
citations

24978

57
h-index

28224

105
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174
all docs

174
docs citations

174
times ranked

16231
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-small Pd Nanoparticles Supported on Porous g-C ₃ N ₄ Nanosheet for Efficient Hydrogenation Reaction. <i>Catalysis Letters</i> , 2022, 152, 2200-2205.	1.4	5
2	In Situ Polymerized Polydopamine Nanoparticles as Enhanced Polymer Composite Electrolyte for All-Solid-State Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2022, 9, .	1.7	4
3	Constructing highly porous carbon materials from porous organic polymers for superior CO ₂ adsorption and separation. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 775-784.	5.0	31
4	A multifunctional Fe ₂ O ₃ @PEDOT core-shell nanoplatfrom for gene and photothermal combination anticancer therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1453-1462.	2.9	8
5	Interfacial Ti-N bonding of a g-C ₃ N ₄ /TiH _{1.92} type-II heterojunction photocatalyst significantly enhanced photocatalytic hydrogen evolution from water splitting. <i>Catalysis Science and Technology</i> , 2022, 12, 2023-2029.	2.1	16
6	Facile synthesis of anionic porous organic polymer for ethylene purification. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 631-637.	5.0	10
7	Hierarchically porous carbon derived from potassium-citrate-loaded poplar catkin for high performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 940-949.	5.0	57
8	Rational design of a bifunctional fluorescent probe for distinguishing Hcy/Cys from GSH with ideal properties. <i>Chinese Chemical Letters</i> , 2021, 32, 1061-1065.	4.8	37
9	Facile synthesis of highly porous hypercrosslinked polymer for light hydrocarbon separation. <i>Polymer Engineering and Science</i> , 2021, 61, 662-668.	1.5	5
10	Nitrogen dopants in nickel nanoparticles embedded carbon nanotubes promote overall urea oxidation. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119436.	10.8	151
11	Sulfur doped ruthenium nanoparticles as a highly efficient electrocatalyst for the hydrogen evolution reaction in alkaline media. <i>Catalysis Science and Technology</i> , 2021, 11, 3865-3872.	2.1	6
12	Biomolecular L-tryptophan as a hole mediator anchored on g-C ₃ N ₄ exhibits remarkably enhanced photocatalytic H ₂ evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 4776-4782.	2.1	14
13	Steering the Assembly and Disassembly of Active Pd Sites in Organometallic Networks for Electrocatalytic Performance and Organic Transformation. <i>Advanced Functional Materials</i> , 2021, 31, 2009557.	7.8	1
14	Controllable synthesis of nitrogen-doped carbon containing Co and Co ₃ Fe ₇ nanoparticles as effective catalysts for electrochemical oxygen conversion. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 622-631.	5.0	31
15	Construction of hierarchically porous 3D graphene-like carbon material by B, N co-doping for enhanced CO ₂ capture. <i>Microporous and Mesoporous Materials</i> , 2021, 322, 111158.	2.2	33
16	Facile construction of highly porous carbon materials derived from porous aromatic frameworks for greenhouse gas adsorption and separation. <i>Microporous and Mesoporous Materials</i> , 2021, 326, 111385.	2.2	19
17	Arming wood carbon with carbon-coated mesoporous nickel-silica nanolayer as monolithic composite catalyst for steam reforming of toluene. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 650-660.	5.0	16
18	Engineering of anatase/rutile TiO ₂ heterophase junction via in-situ phase transformation for enhanced photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 795-804.	5.0	34

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19	Construction of hierarchically porous biomass carbon using iodine as pore-making agent for energy storage. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 351-359.	5.0	7
20	Integrating a metal framework with Co-confined carbon nanotubes as trifunctional electrocatalysts to boost electron and mass transfer approaching practical applications. <i>Nanoscale</i> , 2021, 13, 12651-12658.	2.8	2
21	Precursor-reforming protocol to synthesis of porous N-doped g-C ₃ N ₄ for highly improved photocatalytic water treatments. <i>Materials Letters</i> , 2020, 264, 127329.	1.3	9
22	Surface functionalized red fluorescent dual-metallic Au/Ag nanoclusters for endoplasmic reticulum imaging. <i>Mikrochimica Acta</i> , 2020, 187, 606.	2.5	11
23	Honeycomb-like g-C ₃ N ₄ /CeO _{2-x} nanosheets obtained via one step hydrothermal-roasting for efficient and stable Cr(VI) photo-reduction. <i>Chinese Chemical Letters</i> , 2020, 31, 2747-2751.	4.8	19
24	Graphitic Carbon Nitride Decorated with Nickel(II)-(3-Pyridyl) Benzimidazole Complexes and Pt Nanoparticles as a Cocatalyst for Photocatalytic Hydrogen Production from Water Splitting. <i>ACS Applied Nano Materials</i> , 2020, 3, 10659-10667.	2.4	6
25	Bioproduced Polymers Self-Assemble with Graphene Oxide into Nanocomposite Films with Enhanced Mechanical Performance. <i>ACS Nano</i> , 2020, 14, 14731-14739.	7.3	49
26	Adsorption-enhanced nitrogen-doped mesoporous CeO ₂ as an efficient visible-light-driven catalyst for CO ₂ photoreduction. <i>Journal of CO₂ Utilization</i> , 2020, 39, 101176.	3.3	47
27	Dramatic enhancement of photocatalytic H ₂ evolution over hydrolyzed MOF-5 coupled Zn _{0.2} Cd _{0.8} S heterojunction. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 233-241.	5.0	22
28	Metal-organic framework derived nitrogen-doped carbon-RhNi alloys anchored on graphene for highly efficient hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2676-2684.	3.0	6
29	In situ integration of Co _{5.47} N and Co _{0.72} Fe _{0.28} alloy nanoparticles into intertwined carbon network for efficient oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 267-276.	5.0	17
30	A Hybrid VO _x Incorporated Hexacyanoferrate Nanostructured Hydrogel as a Multienzyme Mimetic via Cascade Reactions. <i>ACS Nano</i> , 2020, 14, 3017-3031.	7.3	53
31	Improving flashing light frequency and CO ₂ fixation rate with vortex movement of algal cells in raceway pond with conic baffles. <i>Chemical Engineering Science</i> , 2020, 216, 115536.	1.9	13
32	Facile synthesis of silica nanosheets with hierarchical pore structure and their amine-functionalized composite for enhanced CO ₂ capture. <i>Chemical Engineering Science</i> , 2020, 217, 115528.	1.9	47
33	Selenium-doped two-photon fluorescent carbon nanodots for in-situ free radical scavenging in mitochondria. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 402-409.	5.0	16
34	Polydopamine Coated PB-MnO ₂ Nanoparticles as an Oxygen Generator Nanosystem for Imaging-Guided Single-NIR-Laser Triggered Synergistic Photodynamic/Photothermal Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1474-1485.	1.8	27
35	Mechanistic insights into N-hydroxyphthalimide modified graphitic carbon nitride boosted photocatalytic hydrogen production. <i>Catalysis Science and Technology</i> , 2019, 9, 5441-5446.	2.1	5
36	Facile synthesis of 3D flower-like mesoporous Ce-ZnO at room temperature for the sunlight-driven photocatalytic degradations of RhB and phenol. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 726-733.	5.0	30

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37	Pd Nanoparticles Capped with [CpPd(II)Cl] ₂ Complexes for Hydrogenation and Acid-Free Acetalization of α,β -Unsaturated Aldehydes. ACS Applied Nano Materials, 2019, 2, 5634-5642.	2.4	3
38	Facile large-scale synthesis of macroscopic 3D porous graphene-like carbon nanosheets architecture for efficient CO ₂ adsorption. Carbon, 2019, 145, 751-756.	5.4	55
39	Powerful CO ₂ electroreduction performance with Ni ²⁺ -carbon doped with single Ni atoms. Catalysis Science and Technology, 2019, 9, 3669-3674.	2.1	49
40	Oxygen vacancy-rich nitrogen-doped Co ₃ O ₄ nanosheets as an efficient water-resistant catalyst for low temperature CO oxidation. Journal of Colloid and Interface Science, 2019, 553, 427-435.	5.0	46
41	A yellow-emissive carbon nanodot-based ratiometric fluorescent nanosensor for visualization of exogenous and endogenous hydroxyl radicals in the mitochondria of live cells. Journal of Materials Chemistry B, 2019, 7, 3737-3744.	2.9	33
42	Highly active and durable Pd nanocatalyst promoted by an oxygen-deficient terbium oxide (Tb ₄ O ₇ \cdot x) support for hydrogenation and cross-coupling reactions. New Journal of Chemistry, 2019, 43, 9210-9215.	1.4	4
43	A simple and general route to prepare functional mesoporous double-metal oxy(hydroxide). Journal of Materials Chemistry A, 2019, 7, 7932-7938.	5.2	13
44	Graphitic carbon nitride/CoTPP type-II heterostructures with significantly enhanced photocatalytic hydrogen evolution. Catalysis Science and Technology, 2019, 9, 2196-2202.	2.1	25
45	The doping of phosphorus atoms into graphitic carbon nitride for highly enhanced photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 11506-11512.	5.2	68
46	Metal ²⁺ -acid nanoplate-supported ultrafine Ru nanoclusters for efficient catalytic fractionation of lignin into aromatic alcohols. Green Chemistry, 2019, 21, 2739-2751.	4.6	28
47	Plasmonic MoO ₃ nanoparticles incorporated in Prussian blue frameworks exhibit highly efficient dual photothermal/photodynamic therapy. Journal of Materials Chemistry B, 2019, 7, 2032-2042.	2.9	51
48	Tuning the activity of N-doped carbon for CO ₂ reduction via in situ encapsulation of nickel nanoparticles into nano-hybrid carbon substrates. Journal of Materials Chemistry A, 2019, 7, 6894-6900.	5.2	51
49	Synthesis of graphitic mesoporous carbon supported Ce-doped nickel catalyst for steam reforming of toluene. Materials Letters, 2019, 244, 123-125.	1.3	16
50	Nanocasting synthesis of chromium doped mesoporous CeO ₂ with enhanced visible-light photocatalytic CO ₂ reduction performance. Journal of Hazardous Materials, 2019, 372, 69-76.	6.5	65
51	Dramatic Enhancement of CO ₂ Photoreduction by Biodegradable Light-Management Paper. Advanced Energy Materials, 2018, 8, 1703136.	10.2	29
52	Easy Synthesis of Ordered Mesoporous Carbon ²⁺ -Carbon Nanotube Nanocomposite as a Promising Support for CO ₂ Photoreduction. ACS Sustainable Chemistry and Engineering, 2018, 6, 2529-2534.	3.2	31
53	Hydrogen-bonding-assisted charge transfer: significantly enhanced photocatalytic H ₂ evolution over g-C ₃ N ₄ anchored with ferrocene-based hole relay. Catalysis Science and Technology, 2018, 8, 2853-2859.	2.1	28
54	An efficient multidoped Cu _{0.39} Zn _{0.14} Co _{2.47} O ₄ -ZnO electrode attached on reduced graphene oxide and copper foam as superior lithium-ion battery anodes. Chemical Engineering Journal, 2018, 336, 510-517.	6.6	36

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55	Hantzsch ester as hole relay significantly enhanced photocatalytic hydrogen production. <i>Catalysis Science and Technology</i> , 2018, 8, 6123-6128.	2.1	11
56	Erbium oxide as a novel support for palladium nanocatalysts with strong metal-support interactions: remarkable catalytic performance in hydrogenation reactions. <i>New Journal of Chemistry</i> , 2018, 42, 19901-19907.	1.4	17
57	Selenium phosphorus co-doped cobalt oxide nanosheets anchored on Co foil: A self-supported and stable bifunctional electrode for efficient electrochemical water splitting. <i>Electrochimica Acta</i> , 2018, 292, 247-255.	2.6	17
58	Confined Pyrolysis within a Nanochannel to Form a Highly Efficient Single Iron Site Catalyst for Zn-Air Batteries. <i>ACS Energy Letters</i> , 2018, 3, 2383-2389.	8.8	70
59	Molecule-Assisted Synthesis of Highly Dispersed Ultrasmall RuO ₂ Nanoparticles on Nitrogen-Doped Carbon Matrix as Ultraefficient Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11529-11535.	3.2	58
60	Oxygen deficient Pr ₆ O ₁₁ nanorod supported palladium nanoparticles: highly active nanocatalysts for styrene and 4-nitrophenol hydrogenation reactions. <i>RSC Advances</i> , 2018, 8, 17504-17510.	1.7	36
61	Boosting visible-light photocatalytic H ₂ evolution via UiO-66-NH ₂ octahedrons decorated with ultrasmall NiO nanoparticles. <i>Dalton Transactions</i> , 2018, 47, 11705-11712.	1.6	22
62	A novel route to prepare N-graphene/SnO ₂ composite as a high-performance anode for lithium batteries. <i>Dalton Transactions</i> , 2018, 47, 10206-10212.	1.6	12
63	Intrinsic peroxidase-like activity and enhanced photo-Fenton reactivity of iron-substituted polyoxometallate nanostructures. <i>Dalton Transactions</i> , 2018, 47, 7344-7352.	1.6	39
64	A rationally designed Fe-tetrapyridophenazine complex: a promising precursor to a single-atom Fe catalyst for an efficient oxygen reduction reaction in high-power Zn-air cells. <i>Nanoscale</i> , 2018, 10, 16145-16152.	2.8	37
65	Carbothermal activation synthesis of 3D porous g-C ₃ N ₄ /carbon nanosheets composite with superior performance for CO ₂ photoreduction. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 196-203.	10.8	125
66	Constructing Highly Uniform Onion-Ring-like Graphitic Carbon Nitride for Efficient Visible-Light-Driven Photocatalytic Hydrogen Evolution. <i>ACS Nano</i> , 2018, 12, 5551-5558.	7.3	231
67	Ultrasmall Ni nanoparticles embedded in Zr-based MOFs provide high selectivity for CO ₂ hydrogenation to methane at low temperatures. <i>Catalysis Science and Technology</i> , 2018, 8, 3160-3165.	2.1	87
68	Pd/TiO Nanocatalyst with Strong Metal-Support Interaction for Highly Efficient Durable Heterogeneous Hydrogenation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1162-1170.	1.5	54
69	Carbon-Coated Fe ₃ O ₄ /VO _x Hollow Microboxes Derived from Metal-Organic Frameworks as a High-Performance Anode Material for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3757-3765.	4.0	82
70	In situ redox deposition of palladium nanoparticles on oxygen-deficient tungsten oxide as efficient hydrogenation catalysts. <i>RSC Advances</i> , 2017, 7, 2351-2357.	1.7	25
71	Large improvement of visible-light photocatalytic H ₂ -evolution based on cocatalyst-free Zn _{0.5} Cd _{0.5} S synthesized through a two-step process. <i>Catalysis Science and Technology</i> , 2017, 7, 961-967.	2.1	57
72	One-Step In Situ Growth of Iron-Nickel Sulfide Nanosheets on FeNi Alloy Foils: High-Performance and Self-Supported Electrodes for Water Oxidation. <i>Small</i> , 2017, 13, 1604161.	5.2	177

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73	A Novel Magnetically Recoverable Ni-CeO ₂ /Pd Nanocatalyst with Superior Catalytic Performance for Hydrogenation of Styrene and 4-Nitrophenol. ACS Applied Materials & Interfaces, 2017, 9, 9756-9762.	4.0	75
74	Hydrogenation/oxidation triggered highly efficient reversible color switching of organic molecules. Catalysis Science and Technology, 2017, 7, 1379-1385.	2.1	9
75	Bimetallic phosphide hollow nanocubes derived from a prussian-blue-analog used as high-performance catalysts for the oxygen evolution reaction. Catalysis Science and Technology, 2017, 7, 1549-1555.	2.1	118
76	Direct growth of cobalt-rich cobalt phosphide catalysts on cobalt foil: an efficient and self-supported bifunctional electrode for overall water splitting in alkaline media. Journal of Materials Chemistry A, 2017, 5, 10561-10566.	5.2	130
77	Hydrogenation/oxidation induced efficient reversible color switching between methylene blue and leuco-methylene blue. RSC Advances, 2017, 7, 30080-30085.	1.7	32
78	Highly efficient redox-driven reversible color switching of dye molecules via hydrogenation/oxygenation. Chemical Communications, 2017, 53, 360-363.	2.2	7
79	Artificial Photosynthetic Z-scheme Photocatalyst for Hydrogen Evolution with High Quantum Efficiency. Journal of Physical Chemistry C, 2017, 121, 107-114.	1.5	67
80	“Healing” Effect of Graphene Oxide in Achieving Robust Dilute Ferromagnetism in Oxygen-Deficient Titanium Dioxide. Journal of Physical Chemistry C, 2017, 121, 22806-22814.	1.5	8
81	One-Step Growth of Iron-Nickel Bimetallic Nanoparticles on FeNi Alloy Foils: Highly Efficient Advanced Electrodes for the Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 28627-28634.	4.0	116
82	Highly dispersed ultra-small Pd nanoparticles on gadolinium hydroxide nanorods for efficient hydrogenation reactions. Nanoscale, 2017, 9, 13800-13807.	2.8	72
83	Catalytic Conversion of Biomass into Hydrocarbons over Noble-Metal-Free VO ₂ -Substituted Potassium Salt of Phosphotungstic Acid. ChemistrySelect, 2017, 2, 8625-8631.	0.7	3
84	Nanoheterostructured photocatalysts for improving photocatalytic hydrogen production. Chinese Journal of Catalysis, 2017, 38, 1295-1306.	6.9	114
85	Ultralow Pt Loaded Molybdenum Dioxide/Carbon Nanotubes for Highly Efficient and Durable Hydrogen Evolution Reaction. Journal of Physical Chemistry C, 2017, 121, 24979-24986.	1.5	30
86	g-C ₃ N ₄ Hydrogen-Bonding Viologen for Significantly Enhanced Visible-Light Photocatalytic H ₂ Evolution. ACS Catalysis, 2017, 7, 8228-8234.	5.5	131
87	A High-Performance, Low-Tortuosity Wood-Carbon Monolith Reactor. Advanced Materials, 2017, 29, 1604257.	11.1	110
88	Monodisperse Pd Nanotetrahedrons on Ultrathin MoO ₃ Nanosheets as Excellent Heterogeneous Catalyst for Chemoselective Hydrogenation Reactions. Journal of Physical Chemistry C, 2017, 121, 27528-27534.	1.5	25
89	Self-templated synthesis of novel carbon nanoarchitectures for efficient electrocatalysis. Scientific Reports, 2016, 6, 28049.	1.6	7
90	Multifunctional flexible free-standing titanate nanobelt membranes as efficient sorbents for the removal of radioactive ⁹⁰ Sr ²⁺ and ¹³⁷ Cs ⁺ ions and oils. Scientific Reports, 2016, 6, 20920.	1.6	52

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91	Supramolecular polymers-derived nonmetal N, S-codoped carbon nanosheets for efficient oxygen reduction reaction. RSC Advances, 2016, 6, 52937-52944.	1.7	25
92	Single Phase PtAg Bimetallic Alloy Nanoparticles Highly Dispersed on Reduced Graphene Oxide for Electrocatalytic Application of Methanol Oxidation Reaction. Electrochimica Acta, 2016, 197, 117-125.	2.6	64
93	Cobalt phosphate nanoparticles decorated with nitrogen-doped carbon layers as highly active and stable electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 8155-8160.	5.2	222
94	Bare Cd _{1-x} Zn _x S ZB/WZ Heterophase Nanojunctions for Visible Light Photocatalytic Hydrogen Production with High Efficiency. ACS Applied Materials & Interfaces, 2016, 8, 24550-24558.	4.0	93
95	2D Nanoporous Fe ^N /C Nanosheets as Highly Efficient Non-Platinum Electrocatalysts for Oxygen Reduction Reaction in Zn-Air Battery. Small, 2016, 12, 5710-5719.	5.2	95
96	Oxygen-Deficient TiO ₂ /Methylene Blue Colloids: Highly Efficient Photoreversible Intelligent Ink. Langmuir, 2016, 32, 8980-8987.	1.6	38
97	Synthesis of nanoporous structured iron carbide/Fe ^N carbon composites for efficient oxygen reduction reaction in Zn-air batteries. Journal of Materials Chemistry A, 2016, 4, 19037-19044.	5.2	53
98	Highly Efficient Fenton and Enzyme-Mimetic Activities of Mixed-Phase VO _x Nanoflakes. ACS Applied Materials & Interfaces, 2016, 8, 30126-30132.	4.0	61
99	Nonprecious Bimetallic (Fe,Mo) ^N /C Catalyst for Efficient Oxygen Reduction Reaction. ACS Catalysis, 2016, 6, 4449-4454.	5.5	127
100	Metallic 1T-LiMoS ₂ Cocatalyst Significantly Enhanced the Photocatalytic H ₂ Evolution over Cd _{0.5} Zn _{0.5} S Nanocrystals under Visible Light Irradiation. ACS Applied Materials & Interfaces, 2016, 8, 4023-4030.	4.0	59
101	Synergistic effect of graphene and multi-walled carbon nanotubes composite supported Pd nanocubes on enhancing catalytic activity for electro-oxidation of formic acid. Catalysis Science and Technology, 2016, 6, 4794-4801.	2.1	38
102	P doped molybdenum dioxide on Mo foil with high electrocatalytic activity for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 1647-1652.	5.2	60
103	Facile Fabrication of Bi ₁₂ O ₁₇ Br ₂ /Bi ₂₄ O ₃₁ Br ₁₀ Type II Heterostructures with High Visible Photocatalytic Activity. Journal of Physical Chemistry C, 2015, 119, 13032-13040.	1.5	100
104	Carbon nanotube/S ^N C nanohybrids as high performance bifunctional electrocatalysts for both oxygen reduction and evolution reactions. New Journal of Chemistry, 2015, 39, 6289-6296.	1.4	32
105	Plasmon enhanced photocurrent in strongly coupled Ag@perylene core-shell nanowires. Journal of Materials Chemistry A, 2015, 3, 12845-12851.	5.2	7
106	Core-Shell Carbon-Coated CuO Nanocomposites: A Highly Stable Electrode Material for Supercapacitors and Lithium-Ion Batteries. Chemistry - an Asian Journal, 2015, 10, 595-601.	1.7	46
107	Plasmon enhanced visible light photocatalytic activity of ternary Ag ₂ Mo ₂ O ₇ @AgBr rod-like heterostructures. Journal of Materials Chemistry A, 2015, 3, 14661-14668.	5.2	68
108	Oxygen deficient ZnO _{1-x} nanosheets with high visible light photocatalytic activity. Nanoscale, 2015, 7, 7216-7223.	2.8	190

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109	The synergistic effect of metallic molybdenum dioxide nanoparticle decorated graphene as an active electrocatalyst for an enhanced hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8055-8061.	5.2	85
110	BaTiO ₃ –graphene nanocomposites: synthesis and visible light photocatalytic activity. <i>New Journal of Chemistry</i> , 2015, 39, 4407-4413.	1.4	67
111	Controlled synthesis of thin BiOCl nanosheets with exposed {001} facets and enhanced photocatalytic activities. <i>CrystEngComm</i> , 2015, 17, 3845-3851.	1.3	40
112	Metallic MoO ₂ cocatalyst significantly enhances visible-light photocatalytic hydrogen production over MoO ₂ /Zn _{0.5} Cd _{0.5} S heterojunction. <i>Nanoscale</i> , 2015, 7, 5752-5759.	2.8	94
113	Synthesis of BiOI/Bi ₄ O ₅ I ₂ /Bi ₂ O ₃ heterojunctions with superior photocatalytic activities. <i>New Journal of Chemistry</i> , 2015, 39, 8321-8328.	1.4	33
114	A highly-ordered and uniform sunflower-like dendritic silver nanocomplex array as reproducible SERS substrate. <i>RSC Advances</i> , 2015, 5, 3860-3867.	1.7	8
115	Synthesis of one-dimensional WO ₃ –Bi ₂ WO ₆ heterojunctions with enhanced photocatalytic activity. <i>CrystEngComm</i> , 2015, 17, 569-576.	1.3	99
116	Stable blue TiO ₂ ^x nanoparticles for efficient visible light photocatalysts. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4429.	5.2	295
117	Entropically Driven Formation of Ultralong Helical Mesostructured Organosilica Nanofibers. <i>Small</i> , 2014, 10, 888-894.	5.2	3
118	Byssal threads inspired ionic cross-linked narce-like graphene oxide paper with superior mechanical strength. <i>RSC Advances</i> , 2014, 4, 40390-40395.	1.7	50
119	Dipole-directed assembly of Fe ₃ O ₄ nanoparticles into nanorings via oriented attachment. <i>CrystEngComm</i> , 2014, 16, 1482-1487.	1.3	18
120	Efficient adsorption/photodegradation of organic pollutants from aqueous systems using Cu ₂ O nanocrystals as a novel integrated photocatalytic adsorbent. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14563.	5.2	96
121	Efficient catalytic reduction of azo dyes by N,N-dimethylformamide mediated by viologen. <i>New Journal of Chemistry</i> , 2014, 38, 4661-4665.	1.4	13
122	Novel one-dimensional Bi ₂ O ₃ –Bi ₂ WO ₆ hierarchical heterojunction with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8517-8524.	5.2	240
123	Noble-Metal-Free Fe–N/C Catalyst for Highly Efficient Oxygen Reduction Reaction under Both Alkaline and Acidic Conditions. <i>Journal of the American Chemical Society</i> , 2014, 136, 11027-11033.	6.6	941
124	Highly efficient removal of humic acid from aqueous solutions by Mg/Al layered double hydroxides–Fe ₃ O ₄ nanocomposites. <i>RSC Advances</i> , 2014, 4, 21802.	1.7	43
125	Bifunctional pH-sensitive Zn(II)–curcumin nanoparticles/siRNA effectively inhibit growth of human bladder cancer cells in vitro and in vivo. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2714.	2.9	21
126	A novel and environmentally friendly colorimetric method for detection of cystine in human urine using unmodified gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 27297-27300.	1.7	9

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127	Template-free facile solution synthesis and optical properties of ZnO mesocrystals. <i>CrystEngComm</i> , 2013, 15, 376-381.	1.3	29
128	Selective and sensitive colorimetric detection of copper ions based on anti-aggregation of the glutathione-induced aggregated gold nanoparticles and its application for determining sulfide anions. <i>RSC Advances</i> , 2013, 3, 21424.	1.7	19
129	A new fluorescent probe for monitoring amyloid fibrillation with high sensitivity and reliability. <i>RSC Advances</i> , 2013, 3, 21092.	1.7	19
130	Highly dispersed platinum nanoparticles generated in viologen micelles with high catalytic activity and stability. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12206.	5.2	25
131	Preparation of Rod-Like YF ₃ Superstructures by a Facile Incubation Method. <i>Materials and Manufacturing Processes</i> , 2013, 28, 130-132.	2.7	2
132	Fabrication of porous Cd-doped ZnO nanorods with enhanced photocatalytic activity and stability. <i>CrystEngComm</i> , 2013, 15, 6518.	1.3	67
133	Convenient and sensitive synchronous fluorescence detection of trace TNT based on FRET using FITC-PAH as a probe. <i>Analytical Methods</i> , 2013, 5, 603-607.	1.3	18
134	Highly Branched Concave Au/Pd Bimetallic Nanocrystals with Superior Electrocatalytic Activity and Highly Efficient SERS Enhancement. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 645-649.	7.2	152
135	Heterostructured Calcium Carbonate Microspheres with Calcite Equatorial Loops and Vaterite Spherical Cores. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6317-6321.	7.2	34
136	Facile Synthesis of the Novel Ag ₃ VO ₄ /AgBr/Ag Plasmonic Photocatalyst with Enhanced Photocatalytic Activity and Stability. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5894-5900.	1.5	198
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