

# Yong Chen

## List of Publications by Year in descending order

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169  
papers

9,841  
citations

26567

56  
h-index

42291

92  
g-index

176  
all docs

176  
docs citations

176  
times ranked

11617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstitial P-doped CdS with Long-Lived Photogenerated Electrons for Photocatalytic Water Splitting without Sacrificial Agents. <i>Advanced Materials</i> , 2018, 30, 1705941.	11.1	438
2	Direct Z-scheme Heterophase Junction of Black/Red Phosphorus for Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11791-11795.	7.2	301
3	Ternary Ni-Co-P nanoparticles as noble-metal-free catalysts to boost the hydrolytic dehydrogenation of ammonia-borane. <i>Energy and Environmental Science</i> , 2017, 10, 1770-1776.	15.6	222
4	Spectacular photocatalytic hydrogen evolution using metal-phosphide/CdS hybrid catalysts under sunlight irradiation. <i>Chemical Communications</i> , 2015, 51, 8708-8711.	2.2	210
5	Nanostructured Ni <sub>2</sub> P as a Robust Catalyst for the Hydrolytic Dehydrogenation of Ammonia-Borane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15725-15729.	7.2	204
6	P-doped ZnxCd1-xS solid solutions as photocatalysts for hydrogen evolution from water splitting coupled with photocatalytic oxidation of 5-hydroxymethylfurfural. <i>Applied Catalysis B: Environmental</i> , 2018, 233, 70-79.	10.8	203
7	Indirect Photodegradation of Amine Drugs in Aqueous Solution under Simulated Sunlight. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2760-2765.	4.6	195
8	Ultrafine CoP Nanoparticles Supported on Carbon Nanotubes as Highly Active Electrocatalyst for Both Oxygen and Hydrogen Evolution in Basic Media. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28412-28419.	4.0	187
9	Highly efficient visible-light driven photocatalytic reduction of CO <sub>2</sub> over g-C <sub>3</sub> N <sub>4</sub> nanosheets/tetra(4-carboxyphenyl)porphyrin iron(III) chloride heterogeneous catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 312-319.	10.8	186
10	Photoresponsive Supramolecular Organometallic Nanosheets Induced by Pt <sup>II</sup> and Cu <sup>I</sup> Interactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9909-9913.	7.2	181
11	Synergetic effect of Cu and graphene as cocatalyst on TiO <sub>2</sub> for enhanced photocatalytic hydrogen evolution from solar water splitting. <i>Journal of Materials Chemistry</i> , 2012, 22, 18542.	6.7	177
12	Highly efficient photocatalytic hydrogen evolution by nickel phosphide nanoparticles from aqueous solution. <i>Chemical Communications</i> , 2014, 50, 10427.	2.2	175
13	Supramolecular Polymers and Chromonic Mesophases Self-Organized from Phosphorescent Cationic Organoplatinum(II) Complexes in Water. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7621-7625.	7.2	173
14	Self-Supported Cedarlike Semimetallic Cu <sub>3</sub> P Nanoarrays as a 3D High-Performance Janus Electrode for Both Oxygen and Hydrogen Evolution under Basic Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 23037-23048.	4.0	170
15	Cobalt phosphide as a highly active non-precious metal cocatalyst for photocatalytic hydrogen production under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6096-6101.	5.2	161
16	Two-dimensional nanomaterials for photocatalytic CO <sub>2</sub> reduction to solar fuels. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1875-1898.	2.5	156
17	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. <i>Chemical Science</i> , 2013, 4, 2630.	3.7	152
18	Metal Phosphides as Co-Catalysts for Photocatalytic and Photoelectrocatalytic Water Splitting. <i>ChemSusChem</i> , 2017, 10, 4306-4323.	3.6	150

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19	Luminescent zinc(II) and copper(I) complexes for high-performance solution-processed monochromic and white organic light-emitting devices. <i>Chemical Science</i> , 2015, 6, 4623-4635.	3.7	133
20	Incorporation of a [Ru(dcbpy)(bpy) <sub>2</sub> ] <sup>2+</sup> photosensitizer and a Pt(dcbpy)Cl <sub>2</sub> catalyst into metal-organic frameworks for photocatalytic hydrogen evolution from aqueous solution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10386-10394.	5.2	131
21	Distinctive ternary CdS/Ni <sub>2</sub> P/g-C <sub>3</sub> N <sub>4</sub> composite for overall water splitting: Ni <sub>2</sub> P accelerating separation of photocarriers. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 246-256.	10.8	129
22	Ultrasmall CoP Nanoparticles as Efficient Cocatalysts for Photocatalytic Formic Acid Dehydrogenation. <i>Joule</i> , 2018, 2, 549-557.	11.7	126
23	Large Stokes Shift Induced by Intramolecular Charge Transfer in N,O-Chelated Naphthyridine-BF <sub>2</sub> Complexes. <i>Organic Letters</i> , 2012, 14, 5226-5229.	2.4	125
24	Real-Time Characterization of Aerosol Particle Composition above the Urban Canopy in Beijing: Insights into the Interactions between the Atmospheric Boundary Layer and Aerosol Chemistry. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11340-11347.	4.6	124
25	Single-Atom Catalysts for Photocatalytic Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6430-6443.	3.2	121
26	Visible-light driven oxidative coupling of amines to imines with high selectivity in air over core-shell structured CdS@C <sub>3</sub> N <sub>4</sub> . <i>Applied Catalysis B: Environmental</i> , 2018, 236, 176-183.	10.8	115
27	Ir <sup>4+</sup> -Doped NiFe LDH to expedite hydrogen evolution kinetics as a Pt-like electrocatalyst for water splitting. <i>Chemical Communications</i> , 2018, 54, 6400-6403.	2.2	114
28	Blue electrophosphorescent organoplatinum(II) complexes with dianionic tetradentate bis(carbene) ligands. <i>Chemical Communications</i> , 2011, 47, 9075.	2.2	111
29	Direct Z-scheme Heterophase Junction of Black/Red Phosphorus for Photocatalytic Water Splitting. <i>Angewandte Chemie</i> , 2019, 131, 11917-11921.	1.6	108
30	Photocatalysis: an overview of recent developments and technological advancements. <i>Science China Chemistry</i> , 2020, 63, 149-181.	4.2	107
31	Long-Lived Excited States of Zwitterionic Copper(I) Complexes for Photoinduced Cross-dehydrogenative Coupling Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 1184-1190.	1.7	102
32	Highly efficient hydrolysis of ammonia borane by anion ( <sup>+</sup> OH, F <sup>-</sup> ), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22</i> Communications, 2017, 53, 705-708.	2.2	97
33	One-pot hydrothermal synthesis of BiPO <sub>4</sub> /BiVO <sub>4</sub> with enhanced visible-light photocatalytic activities for methylene blue degradation. <i>RSC Advances</i> , 2014, 4, 10968.	1.7	94
34	Highly efficient and selective photocatalytic reduction of nitroarenes using the Ni <sub>2</sub> P/CdS catalyst under visible-light irradiation. <i>Chemical Communications</i> , 2015, 51, 13217-13220.	2.2	94
35	Robustly photogenerating H <sub>2</sub> in water using FeP/CdS catalyst under solar irradiation. <i>Scientific Reports</i> , 2016, 6, 19846.	1.6	94
36	Heteroporous MoS <sub>2</sub> /Ni <sub>3</sub> S <sub>2</sub> towards superior electrocatalytic overall urea splitting. <i>Chemical Communications</i> , 2018, 54, 5181-5184.	2.2	92

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37	Electrochemical Water Oxidation by <i>In Situ</i> -Generated Copper Oxide Film from [Cu(TEOA)(H <sub>2</sub> O) <sub>2</sub> ][SO <sub>4</sub> ] <sup>2-</sup> Complex. <i>Inorganic Chemistry</i> , 2015, 54, 3061-3067.	1.9	81
38	Self-Supported Cu-Based Nanowire Arrays as Noble-Metal-Free Electrocatalysts for Oxygen Evolution. <i>ChemSusChem</i> , 2016, 9, 2069-2073.	3.6	80
39	Highly efficient visible-light driven solar-fuel production over tetra(4-carboxyphenyl)porphyrin iron(III) chloride using CdS/Bi <sub>2</sub> S <sub>3</sub> heterostructure as photosensitizer. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 656-663.	10.8	80
40	Pincer-Type Platinum(II) Complexes Containing N-Heterocyclic Carbene (NHC) Ligand: Structures, Photophysical and Anion-Binding Properties, and Anticancer Activities. <i>Chemistry - A European Journal</i> , 2015, 21, 7441-7453.	1.7	77
41	A highly efficient photocatalytic H <sub>2</sub> evolution system using colloidal CdS nanorods and nickel nanoparticles in water under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 381-391.	10.8	76
42	Photocatalytic reduction of CO <sub>2</sub> with H <sub>2</sub> O over a graphene-modified NiO-Ta <sub>2</sub> O <sub>5</sub> composite photocatalyst: coupling yields of methanol and hydrogen. <i>RSC Advances</i> , 2013, 3, 1753.	1.7	75
43	Quest for an intermolecular Au(III)-Au(III) interaction between cyclometalated gold(III) cations. <i>Chemical Science</i> , 2012, 3, 752-755.	3.7	72
44	Enhanced visible light photocatalytic activity and mechanism of BiPO <sub>4</sub> nanorods modified with AgI nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2015, 397, 85-92.	4.8	71
45	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6915-6922.	7.2	71
46	Inlay of ultrafine Ru nanoparticles into a self-supported Ni(OH) <sub>2</sub> nanoarray for hydrogen evolution with low overpotential and enhanced kinetics. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11062-11068.	5.2	70
47	Rapid synthesis of ultralong Fe(OH) <sub>3</sub> :Cu(OH) <sub>2</sub> core-shell nanowires self-supported on copper foam as a highly efficient 3D electrode for water oxidation. <i>Chemical Communications</i> , 2016, 52, 14470-14473.	2.2	68
48	Bodipy dyes bearing oligo(ethylene glycol) groups on the meso-phenyl ring: tuneable solid-state photoluminescence and highly efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5471.	2.7	66
49	Impacts of potential HONO sources on the concentrations of oxidants and secondary organic aerosols in the Beijing-Tianjin-Hebei region of China. <i>Science of the Total Environment</i> , 2019, 647, 836-852.	3.9	66
50	A novel polynorbornene-based chemosensor for the fluorescence sensing of Zn <sup>2+</sup> and Cd <sup>2+</sup> and subsequent detection of pyrophosphate in aqueous solutions. <i>Dalton Transactions</i> , 2015, 44, 7470-7476.	1.6	65
51	Diverse emission properties of transition metal complexes beyond exclusive single phosphorescence and their wide applications. <i>Coordination Chemistry Reviews</i> , 2021, 433, 213755.	9.5	64
52	Luminescent Pincer-Type Cyclometalated Platinum(II) Complexes with Auxiliary Isocyanide Ligands: Phase-Transfer Preparation, Solvatomorphism, and Self-Aggregation. <i>Organometallics</i> , 2013, 32, 350-353.	1.1	63
53	Black/red phosphorus quantum dots for photocatalytic water splitting: from a type I heterostructure to a Z-scheme system. <i>Chemical Communications</i> , 2019, 55, 12531-12534.	2.2	63
54	A Cyclometalated Platinum(II) Complex with a Pendent Pyridyl Motif as Solid-State Luminescent Sensor for Acidic Vapors. <i>Chemistry - A European Journal</i> , 2011, 17, 4109-4112.	1.7	61

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55	Aggregation-Induced Photoluminescent Changes of Naphthyridine-BF <sub>2</sub> Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14599-14604.	1.7	60
56	Novel I <sup>-</sup> -doped BiOBr composites: Modulated valence bands and largely enhanced visible light photocatalytic activities. <i>Catalysis Communications</i> , 2014, 49, 87-91.	1.6	58
57	Highly selective oxidation of sulfides on a CdS/C <sub>3</sub> N <sub>4</sub> catalyst with dioxygen under visible-light irradiation. <i>Catalysis Science and Technology</i> , 2017, 7, 587-595.	2.1	58
58	Enhancements of major aerosol components due to additional HONO sources in the North China Plain and implications for visibility and haze. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 57-66.	1.9	57
59	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6279-6283.	7.2	57
60	Phosphorescent polymeric nanomaterials with metallophilic d <sup>10</sup> -d <sup>10</sup> interactions self-assembled from [Au(NHC) <sub>2</sub> ] <sup>+</sup> and [M(CN) <sub>2</sub> ] <sup>-</sup> . <i>Chemical Science</i> , 2014, 5, 1348.	3.7	55
61	Counteranion- and Solvent-Mediated Chirality Transfer in the Supramolecular Polymerization of Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17189-17193.	7.2	55
62	Single microcrystals of organoplatinum(II) complexes with high charge-carrier mobility. <i>Chemical Science</i> , 2011, 2, 216-220.	3.7	52
63	Electrocatalytic reforming of waste plastics into high value-added chemicals and hydrogen fuel. <i>Chemical Communications</i> , 2021, 57, 12595-12598.	2.2	52
64	Photolysis of Chlortetracycline in aqueous solution: Kinetics, toxicity and products. <i>Journal of Environmental Sciences</i> , 2012, 24, 254-260.	3.2	51
65	Enhanced photocatalytic H <sub>2</sub> -evolution by immobilizing CdS nanocrystals on ultrathin Co <sub>0.85</sub> Se/RGO-PEI nanosheets. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18711-18717.	5.2	51
66	Achieving an exceptionally high loading of isolated cobalt single atoms on a porous carbon matrix for efficient visible-light-driven photocatalytic hydrogen production. <i>Chemical Science</i> , 2019, 10, 2585-2591.	3.7	50
67	Phosphorescent organoplatinum(II) complexes with a lipophilic anion: supramolecular soft nanomaterials through ionic self-assembly and metallophilicity. <i>Chemical Communications</i> , 2015, 51, 5371-5374.	2.2	47
68	Promotion effect of metal phosphides towards electrocatalytic and photocatalytic water splitting. <i>EcoMat</i> , 2021, 3, e12097.	6.8	46
69	Tetrakis(arylisocyanide) Rhodium(I) Salts in Water: NIR Luminescent and Conductive Supramolecular Polymeric Nanowires with Hierarchical Organization. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9968-9971.	7.2	45
70	Below-cloud wet scavenging of soluble inorganic ions by rain in Beijing during the summer of 2014. <i>Environmental Pollution</i> , 2017, 230, 963-973.	3.7	44
71	Self-Assembly of Ni-Fe Layered Double Hydroxide on Fe Foam as 3D Integrated Electrocatalysts for Oxygen Evolution: Dependence of the Catalytic Performance on Anions under in Situ Condition. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2893-2897.	3.2	44
72	Bond-Curvature Effect of Sidewall [2+1] Cycloadditions of Single-Walled Carbon Nanotubes: A New Criterion To the Adduct Structures. <i>Chemistry of Materials</i> , 2006, 18, 3579-3584.	3.2	43

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73	A tetraphenylethene-decorated BODIPY monomer/dimer with intense fluorescence in various matrices. <i>New Journal of Chemistry</i> , 2013, 37, 3755.	1.4	41
74	Correlating thermochromic and mechanochromic phosphorescence with polymorphs of a complex gold( $\text{Au}(\text{SCN})_2$ ) double salt with infinite auriphilicity. <i>Chemical Communications</i> , 2018, 54, 12844-12847.	2.2	41
75	Impacts of six potential HONO sources on HOx budgets and SOA formation during a wintertime heavy haze period in the North China Plain. <i>Science of the Total Environment</i> , 2019, 681, 110-123.	3.9	40
76	Cu(OH) <sub>2</sub> supported on Fe(OH) <sub>3</sub> as a synergistic and highly efficient system for the dehydrogenation of ammonia-borane. <i>Science Bulletin</i> , 2018, 63, 1583-1590.	4.3	38
77	One-pot synthesis of novel flower-like BiOBr <sub>0.9</sub> IO <sub>0.1</sub> /BiOI heterojunction with largely enhanced electron-hole separation efficiency and photocatalytic performances. <i>Journal of Molecular Catalysis A</i> , 2015, 409, 94-101.	4.8	37
78	Photocatalytic oxidation of arylalcohols to aromatic aldehydes promoted by hydroxyl radicals over a CoP/CdS photocatalyst in water with hydrogen evolution. <i>Catalysis Science and Technology</i> , 2018, 8, 2540-2545.	2.1	37
79	Tailoring three-dimensional porous cobalt phosphides templated from bimetallic metal-organic frameworks as precious metal-free catalysts towards the dehydrogenation of ammonia-borane. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8277-8283.	5.2	36
80	Dinuclear copper(I) complexes containing diimine and phosphine ligands: Synthesis, copper-copper separation and photophysical properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 2492-2498.	1.2	35
81	Organo- and Hydrogelators Based on Luminescent Monocationic Terpyridyl Platinum(II) Complexes with Biphenylacetylidate Ligands. <i>Chemistry - an Asian Journal</i> , 2011, 6, 3011-3019.	1.7	35
82	Highly Efficient and Selective Photocatalytic Oxidation of Sulfide by a Chromophore-Catalyst Dyad of Ruthenium-Based Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 183-191.	1.9	35
83	Nanostructures of tetranuclear copper(I) complexes with short Cu(I)-Cu(I) contacts: crystallization-induced emission enhancement. <i>Chemical Science</i> , 2011, 2, 1509.	3.7	34
84	Black Phosphorus-Based Semiconductor Heterojunctions for Photocatalytic Water Splitting. <i>Chemistry - A European Journal</i> , 2020, 26, 4449-4460.	1.7	33
85	Boosting visible-light driven solar-fuel production over g-C <sub>3</sub> N <sub>4</sub> /tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid photocatalyst via incorporation with carbon dots. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118595.	10.8	31
86	Effects of NO <sub>x</sub> and VOCs from five emission sources on summer surface O <sub>3</sub> over the Beijing-Tianjin-Hebei region. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 787-800.	1.9	30
87	A Ni <sub>2</sub> P modified Ti <sub>4+</sub> doped Fe <sub>2</sub> O <sub>3</sub> photoanode for efficient solar water oxidation by promoting hole injection. <i>Dalton Transactions</i> , 2017, 46, 10549-10552.	1.6	30
88	Studies on the Inclusion Complexes of Daidzein with $\beta$ -Cyclodextrin and Derivatives. <i>Molecules</i> , 2017, 22, 2183.	1.7	30
89	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg <sup>2+</sup> Ions and Biothiols in Live Cells. <i>ACS Applied Bio Materials</i> , 2018, 1, 871-878.	2.3	30
90	Synthesis, structural and spectroscopic characterization of mono- and binuclear copper(I) complexes with substituted diimine and phosphine ligands. <i>Inorganica Chimica Acta</i> , 2007, 360, 2758-2766.	1.2	29



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91	Photochemical, Electrochemical, and Photoelectrochemical Water Oxidation Catalyzed by Water-Soluble Mononuclear Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 13957-13964.	1.7	29
92	A Pyrene-Functionalized Polynorbornene for Ratiometric Fluorescence Sensing of Pyrophosphate. <i>Chemistry - an Asian Journal</i> , 2016, 11, 687-690.	1.7	28
93	Controlled Formation of Defective Shell on TiO <sub>2</sub> (001) Facets for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>ChemCatChem</i> , 2019, 11, 2270-2276.	1.8	28
94	Seismic airgun exploration of continental crust structures. <i>Science China Earth Sciences</i> , 2017, 60, 1739-1751.	2.3	27
95	Highly Efficient Thermally Activated Delayed Fluorescence from Pyrazine-Fused Carbene Au(I) Emitters. <i>Chemistry - A European Journal</i> , 2021, 27, 17834-17842.	1.7	27
96	Visible-light-driven CO <sub>2</sub> photoreduction over Zn <sub>x</sub> Cd <sub>1-x</sub> S solid solution coupling with tetra(4-carboxyphenyl)porphyrin iron(III) chloride. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16985-16991.	1.3	25
97	Studies of Electron-Transfer and Charge-Transfer Coupling Processes at a Liquid/Liquid Interface by Double-Barrel Micropipet Technique. <i>Analytical Chemistry</i> , 2003, 75, 6593-6601.	3.2	24
98	Efficient Water Oxidation Catalyzed by Mononuclear Ruthenium(II) Complexes Incorporating Schiff Base Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 8054-8061.	1.7	24
99	An amphiphilic pyrene-based probe for multiple channel sensing of mercury ions. <i>Journal of Luminescence</i> , 2018, 203, 189-194.	1.5	24
100	Seasonal effects of additional HONO sources and the heterogeneous reactions of N <sub>2</sub> O <sub>5</sub> on nitrate in the North China Plain. <i>Science of the Total Environment</i> , 2019, 690, 97-107.	3.9	24
101	A Phosphorescent Platinum(II) Bipyridyl Supramolecular Polymer Based on Quadruple Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2016, 22, 18132-18139.	1.7	23
102	Highly selective reduction of nitroarenes to anilines catalyzed using MOF-derived hollow Co <sub>3</sub> S <sub>4</sub> in water under ambient conditions. <i>Catalysis Communications</i> , 2017, 101, 31-35.	1.6	23
103	Water as a cocatalyst for photocatalytic H <sub>2</sub> production from formic acid. <i>Nano Today</i> , 2020, 35, 100968.	6.2	23
104	Robust Hydrogenation of Nitrile and Nitro Groups to Primary Amines Using Ni <sub>2</sub> P as a Catalyst and Ammonia Borane under Ambient Conditions. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1589-1593.	1.3	22
105	Ethylenediamine-functionalized CdS/tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid system for enhanced CO <sub>2</sub> photoreduction. <i>Applied Surface Science</i> , 2018, 459, 292-299.	3.1	22
106	Photophysical and electrochemical properties of platinum(ii) complexes bearing a chromophore-acceptor dyad and their photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , 2012, 41, 8421.	1.6	21
107	Impacts of uncertainty in AVOC emissions on the summer ROx budget and ozone production rate in the three most rapidly-developing economic growth regions of China. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1331-1342.	1.9	21
108	New members of fluorescent 1,8-naphthyridine-based BF <sub>2</sub> compounds: selective binding of BF <sub>2</sub> with terminal bidentate N <sup>N</sup> O and N <sup>C</sup> O groups and tunable spectroscopy properties. <i>Dalton Transactions</i> , 2014, 43, 13924-13931.	1.6	21

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109	Pyrophosphate-triggered nanoaggregates with aggregation-induced emission. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 617-623.	4.0	21
110	Amine-responsive Disassembly of Au <sup>I</sup> –Cu <sup>I</sup> Double Salts for Oxidative Carbonylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2080-2084.	7.2	21
111	Visible light driven photo-reduction of Cu <sup>2+</sup> to Cu <sub>2</sub> O to Cu in water for photocatalytic hydrogen production. <i>RSC Advances</i> , 2020, 10, 5930-5937.	1.7	21
112	Platinum(II) Schiff Base Complexes as Photocatalysts for Visible-light-induced Cross-dehydrogenative Coupling Reactions. <i>ChemPlusChem</i> , 2015, 80, 1541-1546.	1.3	20
113	Substrate participation ultrafast synthesis of amorphous NiFe nanosheets on iron foam at room temperature toward highly efficient oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2019, 35, 197-203.	7.1	20
114	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-tunable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020, 132, 6982-6989.	1.6	20
115	Highly efficient photocatalytic Suzuki coupling reaction by Pd <sub>3</sub> P/CdS catalyst under visible-light irradiation. <i>Chinese Chemical Letters</i> , 2021, 32, 676-680.	4.8	20
116	Black Phosphorus Quantum Dots Modified CdS Nanowires with Efficient Charge Separation for Enhanced Photocatalytic H <sub>2</sub> Evolution. <i>ChemCatChem</i> , 2021, 13, 1355-1361.	1.8	20
117	Conformational Engineering of Two-Coordinate Gold(I) Complexes: Regulation of Excited-State Dynamics for Efficient Delayed Fluorescence. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13539-13549.	4.0	20
118	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie</i> , 2018, 130, 6387-6391.	1.6	19
119	Synthesis of NiGa <sub>2</sub> O <sub>4</sub> Octahedron Nanocrystal with Exposed {111} Facets and Enhanced Efficiency of Photocatalytic Water Splitting. <i>ChemPlusChem</i> , 2015, 80, 223-230.	1.3	18
120	Regular Aligned 1D Single-crystalline Supramolecular Arrays for Photodetectors. <i>Small</i> , 2018, 14, 1701861.	5.2	18
121	Effect of potential HONO sources on peroxyacetyl nitrate (PAN) formation in eastern China in winter. <i>Journal of Environmental Sciences</i> , 2020, 94, 81-87.	3.2	18
122	Electrochemical ammonia synthesis from nitrite assisted by <i>in situ</i> generated hydrogen atoms on a nickel phosphide catalyst. <i>Chemical Communications</i> , 2021, 57, 7176-7179.	2.2	18
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