

# Chen-Ho Tung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2394364/publications.pdf>

Version: 2024-02-01

532  
papers

37,107  
citations

2669

95  
h-index

4870

168  
g-index

549  
all docs

549  
docs citations

549  
times ranked

29725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1605148.	11.1	1,616
2	Tuning Oxygen Vacancies in Ultrathin TiO <sub>2</sub> Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. <i>Advanced Materials</i> , 2019, 31, e1806482.	11.1	732
3	Design strategies of fluorescent probes for selective detection among biothiols. <i>Chemical Society Reviews</i> , 2015, 44, 6143-6160.	18.7	721
4	Nitrogen-Doped Porous Carbon Nanosheets Templated from g-C <sub>3</sub> N <sub>4</sub> as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2016, 28, 5080-5086.	11.1	718
5	Ni <sub>3</sub> Fe Nanoparticles Derived from Ultrathin NiFe-Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst. <i>Advanced Energy Materials</i> , 2016, 6, 1502585.	10.2	668
6	Well-Dispersed ZIF-Derived Co,Ni-Codoped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts. <i>Advanced Materials</i> , 2016, 28, 1668-1674.	11.1	663
7	Smart Utilization of Carbon Dots in Semiconductor Photocatalysis. <i>Advanced Materials</i> , 2016, 28, 9454-9477.	11.1	622
8	Defect-Rich Ultrathin ZnAl-Layered Double Hydroxide Nanosheets for Efficient Photoreduction of CO <sub>2</sub> to CO with Water. <i>Advanced Materials</i> , 2015, 27, 7824-7831.	11.1	608
9	Carbon quantum dots/TiO <sub>2</sub> composites for efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3344.	5.2	601
10	Ultrafine NiO Nanosheets Stabilized by TiO <sub>2</sub> from Monolayer NiTi-LDH Precursors: An Active Water Oxidation Electrocatalyst. <i>Journal of the American Chemical Society</i> , 2016, 138, 6517-6524.	6.6	597
11	Layered-Double-Hydroxide Nanosheets as Efficient Visible-Light-Driven Photocatalysts for Dinitrogen Fixation. <i>Advanced Materials</i> , 2017, 29, 1703828.	11.1	524
12	NiFe Layered Double Hydroxide Nanoparticles on Co,Ni-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700467.	10.2	422
13	Enhanced Driving Force and Charge Separation Efficiency of Protonated g-C <sub>3</sub> N <sub>4</sub> for Photocatalytic O <sub>2</sub> Evolution. <i>ACS Catalysis</i> , 2015, 5, 6973-6979.	5.5	414
14	Biological Applications of Supramolecular Assemblies Designed for Excitation Energy Transfer. <i>Chemical Reviews</i> , 2015, 115, 7502-7542.	23.0	413
15	Photoelectrochemically Active and Environmentally Stable CsPbBr <sub>3</sub> /TiO <sub>2</sub> Core/Shell Nanocrystals. <i>Advanced Functional Materials</i> , 2018, 28, 1704288.	7.8	413
16	Layered Double Hydroxide Nanostructured Photocatalysts for Renewable Energy Production. <i>Advanced Energy Materials</i> , 2016, 6, 1501974.	10.2	389
17	Two-dimensional-related catalytic materials for solar-driven conversion of CO <sub>x</sub> into valuable chemical feedstocks. <i>Chemical Society Reviews</i> , 2019, 48, 1972-2010.	18.7	350
18	Graphdiyne: A Metal-Free Material as Hole Transfer Layer To Fabricate Quantum Dot-Sensitized Photocathodes for Hydrogen Production. <i>Journal of the American Chemical Society</i> , 2016, 138, 3954-3957.	6.6	335

#	ARTICLE	IF	CITATIONS
19	Semiconducting quantum dots for Artificial photosynthesis. <i>Nature Reviews Chemistry</i> , 2018, 2, 160-173.	13.8	334
20	Semiconductor Quantum Dots: An Emerging Candidate for CO <sub>2</sub> Photoreduction. <i>Advanced Materials</i> , 2019, 31, e1900709.	11.1	316
21	Self-Assembled Au/CdSe Nanocrystal Clusters for Plasmon-Mediated Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1700803.	11.1	311
22	Alumina-Supported CoFe Alloy Catalysts Derived from Layered Double Hydroxide Nanosheets for Efficient Photothermal CO <sub>2</sub> Hydrogenation to Hydrocarbons. <i>Advanced Materials</i> , 2018, 30, 1704663.	11.1	309
23	A superior fluorescent sensor for Al <sup>3+</sup> and UO <sub>2</sub> <sup>2+</sup> based on a Co(II) metal-organic framework with exposed pyrimidyl Lewis base sites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13079-13085.	5.2	287
24	From Solar Energy to Fuels: Recent Advances in Light-Driven C <sub>1</sub> Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17528-17551.	7.2	285
25	Pure Organic Room Temperature Phosphorescence from Excited Dimers in Self-Assembled Nanoparticles under Visible and Near-Infrared Irradiation in Water. <i>Journal of the American Chemical Society</i> , 2019, 141, 5045-5050.	6.6	285
26	Photocatalytic Hydrogen-Evolution Cross-Couplings: Benzene C-H Amination and Hydroxylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 10080-10083.	6.6	280
27	Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. <i>Advanced Energy Materials</i> , 2018, 8, 1703585.	10.2	274
28	Reactivity and Mechanistic Insight into Visible-Light-Induced Aerobic Cross-Dehydrogenative Coupling Reaction by Organophotocatalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 620-627.	1.7	254
29	CdS Nanoparticle-Decorated Cd Nanosheets for Efficient Visible Light-Driven Photocatalytic Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2016, 6, 1501241.	10.2	253
30	A Cascade Cross-Coupling Hydrogen Evolution Reaction by Visible Light Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 19052-19055.	6.6	250
31	Enhancement of the Efficiency of Photocatalytic Reduction of Protons to Hydrogen via Molecular Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2177-2185.	7.6	237
32	Photocatalytic Hydrogen Production from Hantzsch 1,4-Dihydropyridines by Platinum(II) Terpyridyl Complexes in Homogeneous Solution. <i>Journal of the American Chemical Society</i> , 2004, 126, 3440-3441.	6.6	231
33	Photocatalytic Activation of Less Reactive Bonds and Their Functionalization via Hydrogen-Evolution Cross-Couplings. <i>Accounts of Chemical Research</i> , 2018, 51, 2512-2523.	7.6	216
34	Visible-Light-Promoted Asymmetric Cross-Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3694-3698.	7.2	208
35	Mechanistic Insights into the Interface-Directed Transformation of Thiols into Disulfides and Molecular Hydrogen by Visible-Light Irradiation of Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2085-2089.	7.2	205
36	Photoresponsive Hydrogen-Bonded Supramolecular Polymers Based on a Stiff Stilbene Unit. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9738-9742.	7.2	204

#	ARTICLE	IF	CITATIONS
37	Copper(I)-Catalyzed Interrupted Click Reaction: Synthesis of Diverse 5-Hetero-Functionalized Triazoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 649-653.	7.2	200
38	Template-free large-scale synthesis of g-C <sub>3</sub> N <sub>4</sub> microtubes for enhanced visible light-driven photocatalytic H <sub>2</sub> production. <i>Nano Research</i> , 2018, 11, 3462-3468.	5.8	199
39	Supramolecular Systems as Microreactors: Control of Product Selectivity in Organic Phototransformation. <i>Accounts of Chemical Research</i> , 2003, 36, 39-47.	7.6	195
40	Supramolecular precursor strategy for the synthesis of holey graphitic carbon nitride nanotubes with enhanced photocatalytic hydrogen evolution performance. <i>Nano Research</i> , 2019, 12, 2385-2389.	5.8	192
41	Long-Lived Emission from Platinum(II) Terpyridyl Acetylide Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 5653-5655.	1.9	191
42	Efficient and Selective CO <sub>2</sub> Reduction Integrated with Organic Synthesis by Solar Energy. <i>CheM</i> , 2019, 5, 2605-2616.	5.8	179
43	Assembly of silver Trigons into a buckyball-like Ag <sub>180</sub> nanocage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12132-12137.	3.3	177
44	Oxide-Modified Nickel Photocatalysts for the Production of Hydrocarbons in Visible Light. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4215-4219.	7.2	176
45	Artificial Photosynthetic Systems Based on [FeFe]-Hydrogenase Mimics: the Road to High Efficiency for Light-Driven Hydrogen Evolution. <i>ACS Catalysis</i> , 2012, 2, 407-416.	5.5	175
46	Highly efficient and selective photocatalytic hydrogenation of functionalized nitrobenzenes. <i>Green Chemistry</i> , 2014, 16, 1082-1086.	4.6	175
47	Highly luminescent nitrogen-doped carbon quantum dots as effective fluorescent probes for mercuric and iodide ions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1922-1928.	2.7	173
48	Efficient Photocatalytic Nitrogen Fixation over Cu <sup>+</sup> -Modified Defective ZnAl <sub>2</sub> O <sub>4</sub> -Layered Double Hydroxide Nanosheets. <i>Advanced Energy Materials</i> , 2020, 10, 1901973.	10.2	173
49	Anisotropic Assembly of Ag <sub>52</sub> and Ag <sub>76</sub> Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 1600-1603.	6.6	169
50	Facile synthesis of hierarchical ZnIn <sub>2</sub> S <sub>4</sub> submicrospheres composed of ultrathin mesoporous nanosheets as a highly efficient visible-light-driven photocatalyst for H <sub>2</sub> production. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4552.	5.2	166
51	Chitosan confinement enhances hydrogen photogeneration from a mimic of the diiron subsite of [FeFe]-hydrogenase. <i>Nature Communications</i> , 2013, 4, 2695.	5.8	159
52	Dual gold and photoredox catalysis: visible light-mediated intermolecular atom transfer thiosulfonation of alkenes. <i>Chemical Science</i> , 2017, 8, 2610-2615.	3.7	154
53	Light-Harvesting Systems Based on Organic Nanocrystals To Mimic Chlorosomes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2759-2763.	7.2	151
54	Photocatalysis with Quantum Dots and Visible Light: Selective and Efficient Oxidation of Alcohols to Carbonyl Compounds through a Radical Relay Process in Water. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3020-3024.	7.2	151

#	ARTICLE	IF	CITATIONS
55	BODIPY-Based Fluorometric Sensor for the Simultaneous Determination of Cys, Hcy, and GSH in Human Serum. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5907-5914.	4.0	150
56	Graphdiyne: A Promising Catalyst Support To Stabilize Cobalt Nanoparticles for Oxygen Evolution. <i>ACS Catalysis</i> , 2017, 7, 5209-5213.	5.5	150
57	Visible Light Catalysis Assisted Site-Specific Functionalization of Amino Acid Derivatives by C-H Bond Activation without Oxidant: Cross-Coupling Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2015, 5, 2391-2396.	5.5	148
58	Cross-Coupling Hydrogen Evolution Reaction in Homogeneous Solution without Noble Metals. <i>Organic Letters</i> , 2014, 16, 1988-1991.	2.4	147
59	Artificial Light Harvesting System Based on Multifunctional Surface-Cross-Linked Micelles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2088-2092.	7.2	146
60	Self-Assembled Framework Enhances Electronic Communication of Ultrasmall-Sized Nanoparticles for Exceptional Solar Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2017, 139, 4789-4796.	6.6	146
61	Water-Soluble Pentagonal-Prismatic Titanium-Oxo Clusters. <i>Journal of the American Chemical Society</i> , 2016, 138, 11097-11100.	6.6	145
62	A Highly Efficient and Selective Aerobic Cross-Dehydrogenative-Coupling Reaction Photocatalyzed by a Platinum(II) Terpyridyl Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 6443-6450.	1.7	144
63	An Exceptional Artificial Photocatalyst, Ni <sub>4</sub> -CdSe/CdS Core/Shell Hybrid, Made In Situ from CdSe Quantum Dots and Nickel Salts for Efficient Hydrogen Evolution. <i>Advanced Materials</i> , 2013, 25, 6613-6618.	11.1	140
64	Co-Based Catalysts Derived from Layered Double Hydroxide Nanosheets for the Photothermal Production of Light Olefins. <i>Advanced Materials</i> , 2018, 30, e1800527.	11.1	139
65	[Ag <sub>48</sub> (C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> ) <sub>20</sub> (CrO <sub>4</sub> ) <sub>7</sub> ]: An Atomically Precise Silver Nanocluster Co-protected by Inorganic and Organic Ligands. <i>Journal of the American Chemical Society</i> , 2019, 141, 4460-4467.	6.6	139
66	Cobalt-Catalyzed Cross-Dehydrogenative Coupling Reaction in Water by Visible Light. <i>Organic Letters</i> , 2015, 17, 884-887.	2.4	129
67	Trapping an octahedral Ag <sub>6</sub> kernel in a seven-fold symmetric Ag <sub>56</sub> nanowheel. <i>Nature Communications</i> , 2018, 9, 2094.	5.8	129
68	General and Efficient Intermolecular [2+2] Photodimerization of Chalcones and Cinnamic Acid Derivatives in Solution through Visible Light Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15407-15410.	7.2	128
69	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallosupramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8717-8722.	3.3	127
70	Semiconductor nanocrystals for small molecule activation via artificial photosynthesis. <i>Chemical Society Reviews</i> , 2020, 49, 9028-9056.	18.7	127
71	A Luminescent Chemosensor with Specific Response for Mg <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2004, 43, 5195-5197.	1.9	126
72	Regioselective synthesis of multisubstituted 1,2,3-triazoles: moving beyond the copper-catalyzed azide-alkyne cycloaddition. <i>Chemical Communications</i> , 2016, 52, 14188-14199.	2.2	123

#	ARTICLE	IF	CITATIONS
73	A robust artificial catalyst in situ formed from CdTe QDs and inorganic cobalt salts for photocatalytic hydrogen evolution. <i>Energy and Environmental Science</i> , 2013, 6, 465-469.	15.6	120
74	Bowtie-Arene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10059-10065.	7.2	120
75	Visible-light induced oxidant-free oxidative cross-coupling for constructing allylic sulfones from olefins and sulfinic acids. <i>Chemical Communications</i> , 2016, 52, 10407-10410.	2.2	119
76	Water-dispersible nanospheres of hydrogen-bonded supramolecular polymers and their application for mimicking light-harvesting systems. <i>Chemical Communications</i> , 2014, 50, 1334-1337.	2.2	118
77	Different Silver Nanoparticles in One Crystal: Ag <sub>210</sub> (i) PrPhS <sub>71</sub> (Ph <sub>3</sub> P) <sub>5</sub> Cl and Ag <sub>211</sub> (i) PrPhS <sub>71</sub> (Ph <sub>3</sub> P) <sub>6</sub> Cl. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 195-199.	7.2	118
78	Hydrido-coinage-metal clusters: Rational design, synthetic protocols and structural characteristics. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213576.	9.5	117
79	Interface-directed assembly of a simple precursor of [FeFe]-H <sub>2</sub> ase mimics on CdSe QDs for photosynthetic hydrogen evolution in water. <i>Energy and Environmental Science</i> , 2013, 6, 2597.	15.6	115
80	Graphdiyne for crucial gas involved catalytic reactions in energy conversion applications. <i>Energy and Environmental Science</i> , 2020, 13, 1326-1346.	15.6	115
81	Deciphering synergetic core-shell transformation from [Mo <sub>6</sub> O <sub>22</sub> @Ag <sub>44</sub> ] to [Mo <sub>8</sub> O <sub>28</sub> @Ag <sub>50</sub> ]. <i>Nature Communications</i> , 2018, 9, 4407.	5.8	113
82	Spontaneous Organization of Inorganic Nanoparticles into Nanovesicles Triggered by UV Light. <i>Advanced Materials</i> , 2014, 26, 5613-5618.	11.1	112
83	Solvent-Controlled Phase Transition of a Co <sup>II</sup> -Organic Framework: From Achiral to Chiral and Two to Three Dimensions. <i>Chemistry - A European Journal</i> , 2017, 23, 7990-7996.	1.7	111
84	Beyond Clusters: Supramolecular Networks Self-Assembled from Nanosized Silver Clusters and Inorganic Anions. <i>Chemistry - A European Journal</i> , 2016, 22, 6830-6836.	1.7	110
85	Ambient Chemical Fixation of CO <sub>2</sub> Using a Robust Ag <sub>27</sub> Cluster-Based Two-Dimensional Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20031-20036.	7.2	109
86	Three-Dimensional Graphene Networks with Abundant Sharp Edge Sites for Efficient Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 192-197.	7.2	106
87	Atom Transfer Radical Addition to Alkynes and Enynes: A Versatile Gold/Photoredox Approach to Thio-Functionalized Vinylsulfones. <i>ACS Catalysis</i> , 2018, 8, 8237-8243.	5.5	106
88	Gold carbene chemistry from diazo compounds. <i>Science Bulletin</i> , 2015, 60, 1479-1492.	4.3	105
89	Supramolecular Polymeric Fluorescent Nanoparticles Based on Quadruple Hydrogen Bonds. <i>Advanced Functional Materials</i> , 2016, 26, 5483-5489.	7.8	105
90	Controllable Synthesis of Ultrathin Transition-Metal Hydroxide Nanosheets and their Extended Composite Nanostructures for Enhanced Catalytic Activity in the Heck Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2167-2170.	7.2	105

#	ARTICLE	IF	CITATIONS
91	Polymorphism in Atomically Precise Cu <sub>23</sub> Nanocluster Incorporating Tetrahedral [Cu <sub>4</sub> ] <sup>0</sup> Kernel. <i>Journal of the American Chemical Society</i> , 2020, 142, 5834-5841.	6.6	103
92	An Oxidant-Free Strategy for Indole Synthesis via Intramolecular C-C Bond Construction under Visible Light Irradiation: Cross-Coupling Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2016, 6, 4635-4639.	5.5	102
93	Switching between Ligand-to-Ligand Charge-Transfer, Intraligand Charge-Transfer, and Metal-to-Ligand Charge-Transfer Excited States in Platinum(II) Terpyridyl Acetylide Complexes Induced by pH Change and Metal Ions. <i>Chemistry - A European Journal</i> , 2007, 13, 1231-1239.	1.7	100
94	Reductive Transformation of Layered Double Hydroxide Nanosheets to Fe-Based Heterostructures for Efficient Visible Light Photocatalytic Hydrogenation of CO. <i>Advanced Materials</i> , 2018, 30, e1803127.	11.1	100
95	Core-Shell {Mn <sub>7</sub> S <sub>4</sub> (Mn,Cd) <sub>12</sub> } Assembled from Core {Mn <sub>7</sub> } Disc. <i>Journal of the American Chemical Society</i> , 2017, 139, 14033-14036.	6.6	98
96	Synthesis of Oligoparaphenylene-Derived Nano hoops Employing an Anthracene Photodimerization-Cycloreversion Strategy. <i>Journal of the American Chemical Society</i> , 2016, 138, 11144-11147.	6.6	97
97	A near-infrared fluorescent sensor for selective detection of cysteine and its application in live cell imaging. <i>RSC Advances</i> , 2014, 4, 8360.	1.7	96
98	Superhydrophilic Graphdiyne Accelerates Interfacial Mass/Electron Transportation to Boost Electrocatalytic and Photoelectrocatalytic Water Oxidation Activity. <i>Advanced Functional Materials</i> , 2019, 29, 1808079.	7.8	95
99	Iron-Catalyzed 1,2-Selective Hydroboration of <i>N</i> -Heteroarenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 17775-17778.	6.6	93
100	Cobaloxime Catalysis: Selective Synthesis of Alkenylphosphine Oxides under Visible Light. <i>Journal of the American Chemical Society</i> , 2019, 141, 13941-13947.	6.6	93
101	Improved Photoelectrocatalytic Performance for Water Oxidation by Earth-Abundant Cobalt Molecular Porphyrin Complex-Integrated BiVO <sub>4</sub> Photoanode. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 18577-18583.	4.0	92
102	Metallic Co <sub>2</sub> C: A Promising Co-catalyst To Boost Photocatalytic Hydrogen Evolution of Colloidal Quantum Dots. <i>ACS Catalysis</i> , 2018, 8, 5890-5895.	5.5	92
103	A Bio-inspired Cu <sub>4</sub> O <sub>4</sub> Cubane: Effective Molecular Catalysts for Electrocatalytic Water Oxidation in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7850-7854.	7.2	91
104	Quantum Dot Assembly for Light-Driven Multielectron Redox Reactions, such as Hydrogen Evolution and CO <sub>2</sub> Reduction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10804-10811.	7.2	91
105	A solution-processed, mercaptoacetic acid-engineered CdSe quantum dot photocathode for efficient hydrogen production under visible light irradiation. <i>Energy and Environmental Science</i> , 2015, 8, 1443-1449.	15.6	90
106	Direct synthesis of all-inorganic heterostructured CdSe/CdS QDs in aqueous solution for improved photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10365-10373.	5.2	89
107	Diphosphine-protected ultrasmall gold nanoclusters: opened icosahedral Au <sub>13</sub> and heart-shaped Au <sub>8</sub> clusters. <i>Chemical Science</i> , 2018, 9, 1251-1258.	3.7	86
108	A hierarchically assembled 88-nuclei silver-thiacalix[4]arene nanocluster. <i>Nature Communications</i> , 2020, 11, 308.	5.8	86

#	ARTICLE	IF	CITATIONS
109	Activation of C-H Bonds through Oxidant-Free Photoredox Catalysis: Cross-Coupling Hydrogen-Evolution Transformation of Isochromans and $\beta$ -Keto Esters. <i>Chemistry - A European Journal</i> , 2015, 21, 18080-18084.	1.7	85
110	"Naked" Magnetically Recyclable Mesoporous Au <sub>2</sub> O <sub>3</sub> Nanocrystal Clusters: A Highly Integrated Catalyst System. <i>Advanced Functional Materials</i> , 2017, 27, 1606215.	7.8	85
111	Exploring the Reducing Ability of Organic Dye (Acr <sup>+</sup> -Mes) for Fluorination and Oxidation of Benzylic C(sp <sup>3</sup> )-H Bonds under Visible Light Irradiation. <i>Organic Letters</i> , 2017, 19, 3009-3012.	2.4	85
112	Metal-Free, Redox-Neutral, Site-Selective Access to Heteroarylamine via Direct Radical-Radical Cross-Coupling Powered by Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 16805-16813.	6.6	84
113	Combining Visible Light Catalysis and Transition Metal Catalysis for the Alkylation of Secondary Amines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2158-2164.	2.1	82
114	An isolable catenane consisting of two Möbius conjugated nanohoops. <i>Nature Communications</i> , 2018, 9, 3037.	5.8	82
115	Cu/Pd-Catalyzed, Three-Component Click Reaction of Azide, Alkyne, and Aryl Halide: One-Pot Strategy toward Trisubstituted Triazoles. <i>Organic Letters</i> , 2015, 17, 2860-2863.	2.4	79
116	Copper(I)-Catalyzed Three-Component Click/Alkynylation: One-Pot Synthesis of 5-Alkynyl-1,2,3-triazoles. <i>Organic Letters</i> , 2016, 18, 4158-4161.	2.4	78
117	Synthesis of Spiroketal by Synergistic Gold and Scandium Catalysis. <i>Organic Letters</i> , 2017, 19, 2526-2529.	2.4	77
118	Titanium-Oxide Host Clusters with Exchangeable Guests. <i>Journal of the American Chemical Society</i> , 2018, 140, 66-69.	6.6	77
119	Versatile Photosensitization System for $^{1}O_2$ -Mediated Oxidation of Alkenes Based on Nafion-Supported Platinum(II) Terpyridyl Acetylide Complex. <i>Organic Letters</i> , 2003, 5, 3221-3224.	2.4	76
120	Two Unprecedented POM-Based Inorganic-Organic Hybrids with Concomitant Heteropolytungstate and Molybdate. <i>Inorganic Chemistry</i> , 2017, 56, 2481-2489.	1.9	76
121	Chalcogens-Induced Ag <sub>6</sub> Z <sub>4</sub> @Ag <sub>36</sub> (Z = S or Se) Core-Shell Nanoclusters: Enlarged Tetrahedral Core and Homochiral Crystallization. <i>Journal of the American Chemical Society</i> , 2019, 141, 17884-17890.	6.6	76
122	FeO-CeO <sub>2</sub> nanocomposites: an efficient and highly selective catalyst system for photothermal CO <sub>2</sub> reduction to CO. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	76
123	Pure Organic Room Temperature Phosphorescence from Unique Micelle-Assisted Assembly of Nanocrystals in Water. <i>Advanced Functional Materials</i> , 2020, 30, 1907282.	7.8	75
124	Visible Light Catalysis-Assisted Assembly of Ni <sub>h</sub> -QD Hollow Nanospheres in Situ via Hydrogen Bubbles. <i>Journal of the American Chemical Society</i> , 2014, 136, 8261-8268.	6.6	74
125	Synthesis and Characterization of a Pentiptycene-Derived Dual Oligoparaphenylene Nanohoop. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3943-3947.	7.2	74
126	Gold-doped silver nanocluster [Au <sub>3</sub> Ag <sub>38</sub> (SCH <sub>2</sub> Ph) <sub>24</sub> X <sub>5</sub> ] <sup>2+</sup> (X) Tj 2020 0 0 BT /Ove	2.8	74



#	ARTICLE	IF	CITATIONS
127	Aggregation behavior of a chiral long-chain ionic liquid in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 94-101.	5.0	72
128	Anion-templated nanosized silver clusters protected by mixed thiolate and diphosphine. <i>Nanoscale</i> , 2017, 9, 3601-3608.	2.8	71
129	Photocatalysis with Quantum Dots and Visible Light for Effective Organic Synthesis. <i>Chemistry - A European Journal</i> , 2018, 24, 11530-11534.	1.7	71
130	Oxidative Cyclization Synthesis of Tetrahydroquinolines and Reductive Hydrogenation of Maleimides under Redox-Neutral Conditions. <i>Organic Letters</i> , 2018, 20, 2916-2920.	2.4	71
131	Photocatalytic C=C Bond Activation of Oxime Ester for Acyl Radical Generation and Application. <i>Organic Letters</i> , 2019, 21, 4153-4158.	2.4	71
132	Copper(I)-Catalyzed Asymmetric Interrupted Kinugasa Reaction: Synthesis of $\alpha$ -Thiofunctional Chiral $\beta$ -Lactams. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4561-4565.	7.2	71
133	Shape-controlled synthesis of polyhedral 50-facet Cu <sub>2</sub> O microcrystals with high-index facets. <i>CrystEngComm</i> , 2012, 14, 4431.	1.3	70
134	Visible Light Initiated Hantzsch Synthesis of 2,5-Diaryl-Substituted Pyrroles at Ambient Conditions. <i>Organic Letters</i> , 2016, 18, 2479-2482.	2.4	68
135	A Hydrogen-Bonded Supramolecular Polymer-Based Nanoprobe for Ratiometric Oxygen Sensing in Living Cells. <i>Advanced Functional Materials</i> , 2016, 26, 5419-5425.	7.8	67
136	Reverse saturable absorption of platinum ter/bipyridyl polyphenylacetylide complexes. <i>Applied Physics Letters</i> , 2003, 82, 850-852.	1.5	66
137	Visible-Light Photocatalysis Employing Dye-Sensitized Semiconductor: Selective Aerobic Oxidation of Benzyl Ethers. <i>ACS Catalysis</i> , 2017, 7, 8134-8138.	5.5	66
138	Silica-Protected Ultrathin Ni <sub>3</sub> FeN Nanocatalyst for the Efficient Hydrolytic Dehydrogenation of NH <sub>3</sub> BH <sub>3</sub> . <i>Advanced Energy Materials</i> , 2018, 8, 1702780.	10.2	66
139	BODIPY-based fluorescent probe for the simultaneous detection of glutathione and cysteine/homocysteine at different excitation wavelengths. <i>RSC Advances</i> , 2015, 5, 3959-3964.	1.7	65
140	Comparison of H <sub>2</sub> photogeneration by [FeFe]-hydrogenase mimics with CdSe QDs and Ru(bpy) <sub>3</sub> Cl <sub>2</sub> in aqueous solution. <i>Energy and Environmental Science</i> , 2016, 9, 2083-2089.	15.6	65
141	High-Nuclear Organometallic Copper(I)-Alkynide Clusters: Thermochromic Near-Infrared Luminescence and Solution Stability. <i>Chemistry - A European Journal</i> , 2016, 22, 17619-17626.	1.7	65
142	Multifunctional Triple-Decker Inverse 12-Metallacrown-4 Sandwiching Halides. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19980-19987.	4.0	65
143	Recent Advances in Sensitized Photocathodes: From Molecular Dyes to Semiconducting Quantum Dots. <i>Advanced Science</i> , 2018, 5, 1700684.	5.6	65
144	Cu-Catalyzed Electrophilic Disulfur Transfer: Synthesis of Unsymmetrical Disulfides. <i>Organic Letters</i> , 2018, 20, 3829-3832.	2.4	64

#	ARTICLE	IF	CITATIONS
145	Copper(I)-Catalyzed Three-Component Click/Persulfuration Cascade: Regioselective Synthesis of Triazole Disulfides. <i>Organic Letters</i> , 2018, 20, 2956-2959.	2.4	63
146	Carboxylic acid stimulated silver shell isomerism in a triple core-shell Ag <sub>84</sub> nanocluster. <i>Chemical Science</i> , 2019, 10, 4862-4867.	3.7	63
147	ZnCl <sub>2</sub> Enabled Synthesis of Highly Crystalline and Emissive Carbon Dots with Exceptional Capability to Generate O <sub>2</sub> . <i>Matter</i> , 2020, 2, 495-506.	5.0	63
148	Switch of the Lowest Excited-States of Terpyridylplatinum(II) Acetylide Complexes Bearing Amino or Azacrown Moieties by Proton and Cations. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1948-1954.	1.0	62
149	Bench-Stable 5-Stannyl Triazoles by a Copper(I)-Catalyzed Interrupted Click Reaction: Bridge to Trifluoromethyltriazoles and Trifluoromethylthiotriazoles. <i>Organic Letters</i> , 2017, 19, 2098-2101.	2.4	62
150	Iron-Catalyzed Reductive Coupling of Nitroarenes with Olefins: Intermediate of Iron-Nitroso Complex. <i>ACS Catalysis</i> , 2020, 10, 276-281.	5.5	62
151	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23456-23460.	7.2	62
152	Johnson Solids: Anion-Templated Silver Thiolate Clusters Capped by Sulfonate. <i>Chemistry - A European Journal</i> , 2018, 24, 1640-1650.	1.7	61
153	Hole-Accepting Ligand-Modified CdSe QDs for Dramatic Enhancement of Photocatalytic and Photoelectrochemical Hydrogen Evolution by Solar Energy. <i>Advanced Science</i> , 2016, 3, 1500282.	5.6	60
154	A Water-Stable Cl@Ag <sub>14</sub> Cluster Based Metal-Organic Open Framework for Dichromate Trapping and Bacterial Inhibition. <i>Inorganic Chemistry</i> , 2017, 56, 11891-11899.	1.9	60
155	Unusual fcc-structured Ag <sub>10</sub> kernels trapped in Ag <sub>70</sub> nanoclusters. <i>Chemical Science</i> , 2019, 10, 564-568.	3.7	60
156	A Keplerian Ag <sub>90</sub> nest of Platonic and Archimedean polyhedra in different symmetry groups. <i>Nature Communications</i> , 2020, 11, 3316.	5.8	60
157	Evolution of thiolate-stabilized Ag nanoclusters from Ag-thiolate cluster intermediates. <i>Nature Communications</i> , 2018, 9, 2379.	5.8	60
158	Core Modulation of 70-Nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6276-6279.	7.2	59
159	Quantum dots enable direct alkylation and arylation of allylic C(sp <sup>3</sup> )-H bonds with hydrogen evolution by solar energy. <i>CheM</i> , 2021, 7, 1244-1257.	5.8	59
160	Gold/Lewis Acid Catalyzed Cycloisomerization/Diastereoselective [3 + 2] Cycloaddition Cascade: Synthesis of Diverse Nitrogen-Containing Spiro Heterocycles. <i>Organic Letters</i> , 2016, 18, 4614-4617.	2.4	57
161	Surface stoichiometry manipulation enhances solar hydrogen evolution of CdSe quantum dots. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6015-6021.	5.2	57
162	Space Craft-like Octanuclear Co(II)-Silsesquioxane Nanocages: Synthesis, Structure, Magnetic Properties, Solution Behavior, and Catalytic Activity for Hydroboration of Ketones. <i>Inorganic Chemistry</i> , 2019, 58, 4574-4582.	1.9	57

#	ARTICLE	IF	CITATIONS
163	Revealing the chirality origin and homochirality crystallization of Ag <sub>14</sub> nanocluster at the molecular level. <i>Nature Communications</i> , 2021, 12, 4966.	5.8	57
164	Highly Efficient Cucurbit[8]uril-Templated Intramolecular Photocycloaddition of 2-Naphthalene-Labeled Poly(ethylene glycol) in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2008, 73, 491-494.	1.7	55
165	Electron transfer and hydrogen generation from a molecular dyad: platinum(ii) alkynyl complex anchored to [FeFe] hydrogenase subsite mimic. <i>Dalton Transactions</i> , 2012, 41, 2420.	1.6	55
166	Benzene C-H Etherification via Photocatalytic Hydrogen-Evolution Cross-Coupling Reaction. <i>Organic Letters</i> , 2017, 19, 2206-2209.	2.4	55
167	Ni-O Cooperation versus Nickel(II) Hydride in Catalytic Hydroboration of <i>N</i> -Heteroarenes. <i>ACS Catalysis</i> , 2019, 9, 3849-3857.	5.5	55
168	Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration. <i>Advanced Materials</i> , 2019, 31, e1804872.	11.1	55
169	Photosensitized Oxidation of Alkenes Adsorbed on Pentasil Zeolites. <i>Journal of the American Chemical Society</i> , 1998, 120, 5179-5186.	6.6	54
170	Reversible multistimuli-responsive vesicles formed by an amphiphilic cationic platinum(ii) terpyridyl complex with a ferrocene unit in water. <i>Chemical Communications</i> , 2012, 48, 10886.	2.2	54
171	Exceptional Catalytic Nature of Quantum Dots for Photocatalytic Hydrogen Evolution without External Cocatalysts. <i>Advanced Functional Materials</i> , 2018, 28, 1801769.	7.8	54
172	Direct Allylic C(sp <sup>3</sup> )-H and Vinylic C(sp <sup>2</sup> )-H Thiolation with Hydrogen Evolution by Quantum Dots and Visible Light. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11779-11783.	7.2	54
173	Cu-Catalyzed Three-Component Coupling of Aryne, Alkyne, and Benzenesulfonothioate: Modular Synthesis of <i>o</i> -Alkynyl Arylsulfides. <i>Organic Letters</i> , 2016, 18, 4154-4157.	2.4	53
174	Radical Addition of Hydrazones by $\alpha$ -Bromo Ketones To Prepare 1,3,5-Trisubstituted Pyrazoles via Visible Light Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 7127-7133.	1.7	53
175	Visible Light Promoted Synthesis of Indoles by Single Photosensitizer under Aerobic Conditions. <i>Organic Letters</i> , 2017, 19, 3251-3254.	2.4	53
176	Activation of Epoxides by a Cooperative Iron-Thiolate Catalyst: Intermediacy of Ferrous Alkoxides in Catalytic Hydroboration. <i>ACS Catalysis</i> , 2017, 7, 7709-7717.	5.5	53
177	TiO <sub>2</sub> Photocatalytic Cyclization Reactions for the Syntheses of Aryltetralones. <i>ACS Catalysis</i> , 2016, 6, 8389-8394.	5.5	51
178	Copper-Catalyzed Oxidative Trifunctionalization of Olefins: An Access to Functionalized $\beta$ -Keto Thiosulfones. <i>Journal of Organic Chemistry</i> , 2018, 83, 9449-9455.	1.7	51
179	Unveiling Catalytic Sites in a Typical Hydrogen Photogeneration System Consisting of Semiconductor Quantum Dots and 3d-Metal Ions. <i>Journal of the American Chemical Society</i> , 2020, 142, 4680-4689.	6.6	51
180	Zeolites as Templates for Preparation of Large-Ring Compounds: Intramolecular Photocycloaddition of Diaryl Compounds. <i>Journal of the American Chemical Society</i> , 1998, 120, 11594-11602.	6.6	50

#	ARTICLE	IF	CITATIONS
181	A triad [FeFe] hydrogenase system for light-driven hydrogen evolution. <i>Chemical Communications</i> , 2011, 47, 8406.	2.2	50
182	A Cascade Cross-Coupling and <i>in Situ</i> Hydrogenation Reaction by Visible Light Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2846-2852.	2.1	50
183	A 34-Electron Superatom Ag <sub>78</sub> Cluster with Regioselective Ternary Ligands Shells and Its 2D Rhombic Superlattice Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4231-4237.	7.2	50
184	Iodine/Visible Light Photocatalysis for Activation of Alkynes for Electrophilic Cyclization Reactions. <i>ACS Catalysis</i> , 2017, 7, 4093-4099.	5.5	49
185	A giant 90-nucleus silver cluster templated by hetero-anions. <i>Chemical Communications</i> , 2018, 54, 4461-4464.	2.2	49
186	Controlled partial transfer hydrogenation of quinolines by cobalt-amido cooperative catalysis. <i>Nature Communications</i> , 2020, 11, 1249.	5.8	49
187	Direct, Site-Selective and Redox-Neutral C-H Bond Functionalization of Tetrahydrofurans via Quantum Dots Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27201-27205.	7.2	49
188	Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10173-10178.	7.2	49
189	Intramolecular Long-Distance Electron Transfer and Triplet Energy Transfer. Photophysical and Photochemical Studies on a Norbornadiene~Steroid~Benzidine System. <i>Journal of the American Chemical Society</i> , 1997, 119, 5348-5354.	6.6	48
190	A Redox Shuttle Accelerates O <sub>2</sub> Evolution of Photocatalysts Formed In Situ under Visible Light. <i>Advanced Materials</i> , 2017, 29, 1606009.	11.1	48
191	Elimination-Fusion Self-Assembly of a Nanometer-Scale 72-Nucleus Silver Cluster Caging a Pair of [EuW <sub>10</sub> O <sub>36</sub> ] <sup>9+</sup> Polyoxometalates. <i>Chemistry - A European Journal</i> , 2018, 24, 1998-2003.	1.7	48
192	Synthesis of spiroaminals by bimetallic Au/Sc relay catalysis: TMS as a traceless controlling group. <i>Chemical Communications</i> , 2014, 50, 12084-12087.	2.2	47
193	Divergent synthesis of chiral cyclic azides via asymmetric cycloaddition reactions of vinyl azides. <i>Nature Communications</i> , 2019, 10, 3158.	5.8	47
194	Photoelectrochemical cell for P-H/C-H cross-coupling with hydrogen evolution. <i>Chemical Communications</i> , 2019, 55, 10376-10379.	2.2	47
195	Scandium-catalyzed electrophilic alkene difunctionalization: regioselective synthesis of thiosulfone derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1663-1666.	2.3	47
196	Title is missing!. <i>Chemical Communications</i> , 2001, , 2280-2281.	2.2	45
197	Cucurbit[8]uril-mediated photodimerization of alkyl 2-naphthoate in aqueous solution. <i>Tetrahedron Letters</i> , 2008, 49, 1502-1505.	0.7	45
198	pH-Responsive reversible self-assembly of gold nanoparticles into nanovesicles. <i>Nanoscale</i> , 2016, 8, 3923-3925.	2.8	45

#	ARTICLE	IF	CITATIONS
199	Nonstoichiometric Cu <sub>x</sub> In <sub>y</sub> S Quantum Dots for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 4833-4838.	3.6	45
200	Involving Single-Atom Silver(0) in Selective Dehalogenation by AgF under Visible-Light Irradiation. <i>ACS Catalysis</i> , 2019, 9, 6335-6341.	5.5	45
201	Tracking Co(II) Intermediate in Operando in Photocatalytic Hydrogen Evolution by X-ray Transient Absorption Spectroscopy and DFT Calculation. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5253-5258.	2.1	44
202	Effects of Substitutional Dopants on the Photoresponse of a Polyoxotitanate Cluster. <i>Inorganic Chemistry</i> , 2016, 55, 8493-8501.	1.9	44
203	Carbon Nanosheets: Nitrogen-Doped Porous Carbon Nanosheets Templated from gC <sub>3</sub> N <sub>4</sub> as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction ( <i>Adv. Mater.</i> 25/2016). <i>Advanced Materials</i> , 2016, 28, 5140-5140.	11.1	44
204	Protonated Graphitic Carbon Nitride with Surface Attached Molecule as Hole Relay for Efficient Photocatalytic O <sub>2</sub> Evolution. <i>ACS Catalysis</i> , 2016, 6, 8336-8341.	5.5	44
205	Reversible Light-Triggered Transition of Amphiphilic Random Copolymers. <i>Macromolecules</i> , 2012, 45, 5596-5603.	2.2	43
206	Visible light-catalytic dehydrogenation of benzylic alcohols to carbonyl compounds by using an eosin Y and nickel-thiolate complex dual catalyst system. <i>Green Chemistry</i> , 2019, 21, 1401-1405.	4.6	43
207	Nitrogenase inspired artificial photosynthetic nitrogen fixation. <i>CheM</i> , 2021, 7, 1431-1450.	5.8	43
208	Modular Synthesis of Quaternary Chiral Lactams by a Synergistic Copper/Palladium-Catalyzed Multicomponent Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13814-13818.	7.2	43
209	Combining visible light catalysis and transfer hydrogenation for in situ efficient and selective semihydrogenation of alkynes under ambient conditions. <i>Chemical Communications</i> , 2016, 52, 1800-1803.	2.2	42
210	Copper-catalyzed carbene insertion into the sulfur-sulfur bond of benzenesulfonothioate. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1371-1374.	2.3	42
211	Facile formation of CoN <sub>4</sub> active sites onto a SiO <sub>2</sub> support to achieve robust CO <sub>2</sub> and proton reduction in a noble-metal-free photocatalytic system. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10475-10482.	5.2	42
212	Rational Design of Dot-Rod Nano-Heterostructure for Photocatalytic CO <sub>2</sub> Reduction: Pivotal Role of Hole Transfer and Utilization. <i>Advanced Materials</i> , 2022, 34, e2106662.	11.1	42
213	Three-Dimensional Graphene Networks with Abundant Sharp Edge Sites for Efficient Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2018, 130, 198-203.	1.6	41
214	Addition of a B-H Bond across an Amido-Cobalt Bond: Co <sup>II</sup> -H-Catalyzed Hydroboration of Olefins. <i>Organometallics</i> , 2018, 37, 1462-1467.	1.1	41
215	Terminal Thiolate-Dominated H/D Exchanges and H <sub>2</sub> Release: Diiron Thiolate-Hydride. <i>Journal of the American Chemical Society</i> , 2018, 140, 11454-11463.	6.6	41
216	Visible Light Irradiation of Acyl Oxime Esters and Styrenes Efficiently Constructs $\beta$ -Carbonyl Imides by a Scission and Four-Component Reassembly Process. <i>Organic Letters</i> , 2019, 21, 8789-8794.	2.4	41

#	ARTICLE	IF	CITATIONS
217	Direct 1,2-Dicarbonylation of Alkenes towards 1,4-Diketones via Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26822-26828.	7.2	41
218	Small Titanium Oxo Clusters: Primary Structures of Titanium(IV) in Water. <i>Inorganic Chemistry</i> , 2016, 55, 3212-3214.	1.9	40
219	Identifying key intermediates generated in situ from Cu(II) salt-catalyzed C-H functionalization of aromatic amines under illumination. <i>Science Advances</i> , 2017, 3, e1700666.	4.7	40
220	Asymmetric Synthesis of a Fused Tricyclic Hydronaphthofuran Scaffold by Desymmetric [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2220-2224.	7.2	40
221	Cooperative Molybdenum-Thiolate Reactivity for Transfer Hydrogenation of Nitriles. <i>ACS Catalysis</i> , 2020, 10, 380-390.	5.5	40
222	Visible Light-Catalyzed Benzylic C-H Bond Chlorination by a Combination of Organic Dye (Acr <sup>+</sup> -Mes) and N-Chlorosuccinimide. <i>Journal of Organic Chemistry</i> , 2020, 85, 9080-9087.	1.7	40
223	Toward Controlled Syntheses of Diphosphine-Protected Homochiral Gold Nanoclusters through Precursor Engineering. <i>ACS Nano</i> , 2021, 15, 16019-16029.	7.3	40
224	Vectorial Electron Transfer for Improved Hydrogen Evolution by Mercaptopropionic Acid-Regulated CdSe Quantum Dots-TiO <sub>2</sub> -Ni(OH) <sub>2</sub> Assembly. <i>ChemSusChem</i> , 2015, 8, 642-649.	3.6	39
225	Reactivity and mechanistic insight into the cross coupling reaction between isochromans and Î <sup>2</sup> -keto esters through C-H bond activation under visible light irradiation. <i>Organic Chemistry Frontiers</i> , 2016, 3, 486-490.	2.3	39
226	Heptanuclear Co <sup>II</sup> <sub>5</sub> Co <sup>III</sup> <sub>2</sub> Cluster as Efficient Water Oxidation Catalyst. <i>Inorganic Chemistry</i> , 2017, 56, 1591-1598.	1.9	39
227	Assembling metallic 1T-MoS <sub>2</sub> nanosheets with inorganic-ligand stabilized quantum dots for exceptional solar hydrogen evolution. <i>Chemical Communications</i> , 2017, 53, 5606-5609.	2.2	39
228	Luminescent supramolecular polymer nanoparticles for ratiometric hypoxia sensing, imaging and therapy. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1893-1899.	3.2	39
229	Direct Arylation of Unactivated Alkanes with Heteroarenes by Visible-Light Catalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 12904-12912.	1.7	39
230	Structural Diversity of Copper(I) Cluster-Based Coordination Polymers with Pyrazine-2-thiol Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 2680-2688.	1.9	39
231	A Post-Functionalizable Iso-Polyoxotitanate Cage Cluster. <i>Inorganic Chemistry</i> , 2016, 55, 7075-7078.	1.9	38
232	Counteranion-Stabilized Titanium(IV) Isopolyoxocationic Clusters Isolated from Water. <i>Inorganic Chemistry</i> , 2016, 55, 4704-4709.	1.9	38
233	Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag <sub>2</sub> S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14952-14957.	7.2	38
234	Structure, solution assembly, and electroconductivity of nanosized argento-organic-cluster/framework templated by chromate. <i>Nanoscale</i> , 2017, 9, 5305-5314.	2.8	38

#	ARTICLE	IF	CITATIONS
235	Diastereoselective Synthesis of Polysubstituted Spirocyclopenta[ <i>c</i> ]furans by Gold-Catalyzed Cascade Reaction. <i>Organic Letters</i> , 2019, 21, 692-695.	2.4	38
236	Temperature-induced Sn(II) supramolecular isomeric frameworks as promising heterogeneous catalysts for cyanosilylation of aldehydes. <i>Science China Chemistry</i> , 2020, 63, 182-186.	4.2	38
237	Cobaloxime Catalysis for Enamine Phosphorylation with Hydrogen Evolution. <i>Organic Letters</i> , 2020, 22, 5385-5389.	2.4	38
238	Asymmetric Azide-Alkyne Cycloaddition with Ir(I)/Squaramide Cooperative Catalysis: Atroposelective Synthesis of Axially Chiral Aryltriazoles. <i>Journal of the American Chemical Society</i> , 2022, 144, 6200-6207.	6.6	38
239	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8443-8447.	7.2	37
240	Photoredox Catalysis of Aromatic $\alpha$ -Ketoesters for in Situ Production of Transient and Persistent Radicals for Organic Transformation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5365-5370.	7.2	37
241	Modification of Photochemical Reactivity by Nafion. Photocyclization and Photochemical Cis-Trans Isomerization of Azobenzene. <i>Journal of Organic Chemistry</i> , 1996, 61, 9417-9421.	1.7	36
242	Anion-Templated Nanosized Silver Alkynyl Clusters: Cluster Engineering and Solution Behavior. <i>Chemistry - A European Journal</i> , 2017, 23, 3432-3437.	1.7	36
243	Regioselective <i>ortho</i> Amination of an Aromatic C-H Bond by Trifluoroacetic Acid via Electrochemistry. <i>Organic Letters</i> , 2019, 21, 5581-5585.	2.4	36
244	Site- and Spatial-Selective Integration of Non-noble Metal Ions into Quantum Dots for Robust Hydrogen Photogeneration. <i>Matter</i> , 2020, 3, 571-585.	5.0	36
245	An Octanuclear Cobalt Cluster Protected by Macrocyclic Ligand: In Situ Ligand-Transformation-Assisted Assembly and Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2020, 59, 5683-5693.	1.9	36
246	Reductive Carbon-Carbon Coupling on Metal Sites Regulates Photocatalytic CO <sub>2</sub> Reduction in Water Using ZnSe Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
247	Characterization of lyotropic liquid crystals formed in the mixtures of 1-alkyl-3-methylimidazolium bromide/ <i>p</i> -xylene/water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 335, 80-87.	2.3	35
248	$\beta$ -Cyclodextrin-Directed Enantioselective Photocyclodimerization of Methyl 3-Methoxyl-2-naphthoate. <i>Journal of Organic Chemistry</i> , 2009, 74, 3506-3515.	1.7	35
249	Synthesis of Oxazoles by Tandem Cycloisomerization/Allylic Alkylation of Propargyl Amides with Allylic Alcohols: Zn(OTf) <sub>2</sub> as $\text{H}^+$ Acid and $\text{I}^-$ Acid Catalyst. <i>Journal of Organic Chemistry</i> , 2015, 80, 12718-12724.	1.7	35
250	Near-Infrared Emitters: Stepwise Assembly of Two Heteropolynuclear Clusters with Tunable Ag <sup>I</sup> :Zn <sup>II</sup> Ratio. <i>Inorganic Chemistry</i> , 2016, 55, 4757-4763.	1.9	35
251	Enhanced Charge Separation Efficiency Accelerates Hydrogen Evolution from Water of Carbon Nitride and 3,4,9,10-Perylene-tetracarboxylic Dianhydride Composite Photocatalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3515-3521.	4.0	35
252	A hexadecanuclear silver alkynyl cluster based NbO framework with triple emissions from the visible to near-infrared II region. <i>Chemical Communications</i> , 2018, 54, 11905-11908.	2.2	35

#	ARTICLE	IF	CITATIONS
253	Mesoporous Silica-Coated Gold Nanorods with Designable Anchor Peptides for Chemo-Photothermal Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2020, 3, 5070-5078.	2.4	35
254	Copper(I)-Catalyzed Interrupted Click/Sulfenylation Cascade: One-Pot Synthesis of Sulfur Cycle Fused 1,2,3-Triazoles. <i>Chinese Journal of Chemistry</i> , 2020, 38, 445-448.	2.6	35
255	Long-Lived Photoinduced Charge Separation in Ru(Bpy) <sub>3</sub> <sup>2+</sup> /Viologen System at Nafion Membrane Solution Interface. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9468-9474.	1.2	34
256	Different Silver Nanoparticles in One Crystal: Ag <sub>210</sub> ( <sup>i</sup> PrPhS) <sub>71</sub> (Ph <sub>3</sub> P) <sub>5</sub> Cl and Ag <sub>211</sub> ( <sup>i</sup> PrPhS) <sub>71</sub> (Ph <sub>3</sub> P) <sub>6</sub> Cl. <i>Angewandte Chemie</i> , 2019, 131, 201-205.	1.6	34
257	Photoinduced Electron Transfer and Charge-Recombination in 2-Ureido-4[1H]-Pyrimidinone Quadruple Hydrogen-Bonded Porphyrin-Fullerene Assemblies. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23634-23641.	1.5	33
258	Secondary coordination sphere accelerates hole transfer for enhanced hydrogen photogeneration from [FeFe]-hydrogenase mimic and CdSe QDs in water. <i>Scientific Reports</i> , 2016, 6, 29851.	1.6	33
259	Oxide-Modified Nickel Photocatalysts for the Production of Hydrocarbons in Visible Light. <i>Angewandte Chemie</i> , 2016, 128, 4287-4291.	1.6	33
260	Benzoate-Induced High-Nuclearity Silver Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2018, 24, 4967-4972.	1.7	33
261	Hydroalkynylative cyclization of 1,6-enynes with terminal alkynes. <i>Chemical Science</i> , 2019, 10, 6863-6867.	3.7	33
262	Precise Implantation of an Archimedean Ag@Cu <sub>12</sub> Cuboctahedron into a Platonic Cu <sub>4</sub> Bis(diphenylphosphino)hexane <sub>6</sub> Tetrahedron. <i>ACS Nano</i> , 2021, 15, 8733-8741.	7.3	33
263	A Conjugated Figure-Eight Oligoparaphenylene Nano-hoop with Adaptive Cavities Derived from Cyclooctatetrathiophene Core. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	33
264	Bio-inspired controlled release through compression-relaxation cycles of microcapsules. <i>NPG Asia Materials</i> , 2015, 7, e148-e148.	3.8	32
265	Photocatalysis with Quantum Dots and Visible Light: Selective and Efficient Oxidation of Alcohols to Carbonyl Compounds through a Radical Relay Process in Water. <i>Angewandte Chemie</i> , 2017, 129, 3066-3070.	1.6	32
266	Stepwise Assembly of Ag <sub>42</sub> Nanocalices Based on a Mo <sup>VI</sup> -Anchored Thiocalix[4]arene Metalloligand. <i>ACS Nano</i> , 2022, 16, 4500-4507.	7.3	32
267	Janus Cluster: Asymmetric Coverage of a Ag <sub>43</sub> Cluster on the Symmetric Preyssler P <sub>5</sub> W <sub>30</sub> Polyoxometalate. <i>Chemistry of Materials</i> , 2021, 33, 9708-9714.	3.2	32
268	IRA-200 resin-supported platinum(II) complex for photooxidation of olefins. <i>Tetrahedron</i> , 2007, 63, 4907-4911.	1.0	31
269	Patterning and pixelation of colloidal photonic crystals for addressable integrated photonics. <i>Journal of Materials Chemistry</i> , 2011, 21, 11330.	6.7	31
270	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. <i>Analyst</i> , 2016, 141, 2879-2882.	1.7	31



#	ARTICLE	IF	CITATIONS
271	Synthesis of a disulfide-bridged bispillar[5]arene and its application in supramolecular polymers. <i>Polymer Chemistry</i> , 2016, 7, 2057-2061.	1.9	31
272	Von Sonnenlicht zu Brennstoffen: aktuelle Fortschritte der C <sub>1</sub> -Solarchemie. <i>Angewandte Chemie</i> , 2019, 131, 17690-17715.	1.6	31
273	Microreactor-controlled selectivity in organic photochemical reactions. <i>Pure and Applied Chemistry</i> , 2000, 72, 2289-2298.	0.9	30
274	A Sustainable Strategy for the Synthesis of Pyrochlore H <sub>4</sub> Nb <sub>2</sub> O <sub>7</sub> Hollow Microspheres as Photocatalysts for Overall Water Splitting. <i>ChemPlusChem</i> , 2017, 82, 181-185.	1.3	30
275	Enclosing classical polyoxometallates in silver nanoclusters. <i>Nanoscale</i> , 2019, 11, 10927-10931.	2.8	30
276	Flower-like cobalt carbide for efficient carbon dioxide conversion. <i>Chemical Communications</i> , 2020, 56, 7849-7852.	2.2	30
277	Self-Assembled Amphiphilic Water Oxidation Catalysts: Control of O-O Bond Formation Pathways by Different Aggregation Patterns. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6229-6234.	7.2	29
278	Gold-Catalyzed Cycloisomerization/1,5-H Migration/Diels-Alder Reaction Cascade: Synthesis of Complex Nitrogen-Containing Heterocycles. <i>Organic Letters</i> , 2017, 19, 1072-1075.	2.4	29
279	Enhanced visible-light-driven hydrogen generation by in situ formed photocatalyst RGO@CdS@Ni <sub>x</sub> S from metal salts and RGO@CdS composites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9537-9543.	5.2	29
280	Photoresponsive AA/BB supramolecular polymers comprising stiff-stilbene based guests and bispillar[5]arenes. <i>Polymer Chemistry</i> , 2017, 8, 3596-3602.	1.9	29
281	Direct synthesis of sulfide capped CdS and CdS/ZnS colloidal nanocrystals for efficient hydrogen evolution under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16328-16332.	5.2	29
282	Visible Light Induced Cross-Coupling Hydrogen Evolution Reactions. <i>Acta Chimica Sinica</i> , 2017, 75, 34.	0.5	29
283	An Ultrastable 155-Nuclei Silver Nanocluster Protected by Thiacalix[4]arene and Cyclohexanethiol for Photothermal Conversion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
284	Microemulsions of N-Alkylimidazolium Ionic Liquid and Their Performance as Microreactors for the Photocycloaddition of 9-Substituted Anthracenes. <i>Langmuir</i> , 2009, 25, 5484-5490.	1.6	28
285	Successive Cu/Pd transmetalation relay catalysis in stereoselective synthesis of tetraarylethenes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1366-1373.	2.3	28
286	Hydride Transfer from Iron(II) Hydride Compounds to NAD(P) <sup>+</sup> Analogues. <i>Organometallics</i> , 2016, 35, 1151-1159.	1.1	28
287	[Au <sub>18</sub> (dppm) <sub>6</sub> Cl <sub>4</sub> ] <sup>4+</sup> : a phosphine-protected gold nanocluster with rich charge states. <i>Dalton Transactions</i> , 2019, 48, 3635-3640.	1.6	28
288	Gold/photoredox-cocatalyzed atom transfer thiosulfonylation of alkynes: Stereoselective synthesis of vinylsulfones. <i>Tetrahedron Letters</i> , 2019, 60, 916-919.	0.7	28

#	ARTICLE	IF	CITATIONS
289	Adsorptive separation of cyclohexanol and cyclohexanone by nonporous adaptive crystals of RhombicArene. <i>Chemical Science</i> , 2021, 12, 15528-15532.	3.7	28
290	Solvent-Induced Isomeric Cu <sub>13</sub> Nanoclusters: Chlorine to Copper Charge Transfer Boosting Molecular Oxygen Activation in Sulfide Selective Oxidation. <i>ACS Nano</i> , 2022, 16, 9598-9607.	7.3	28
291	S-Scheme Bi-oxide/Ti-oxide Molecular Hybrid for Photocatalytic Cycloaddition of Carbon Dioxide to Epoxides. <i>ACS Catalysis</i> , 2022, 12, 8202-8213.	5.5	28
292	Benzophenone-Initiated Photoisomerization of the Norbornadiene Group in a Benzophenone~Steroid~Norbornadiene System via Long-Distance Intramolecular Triplet Energy Transfer. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4480-4484.	2.9	27
293	Sequential Transformation of Terminal Alkynes to 1,3-Dienes by a Cooperative Cobalt Pyridonate Catalyst. <i>Organometallics</i> , 2019, 38, 3752-3759.	1.1	27
294	Photoredox Oxo-C(sp <sup>3</sup> )~H Bond Functionalization via in Situ Cu(I)-Acetylide Catalysis. <i>Organic Letters</i> , 2020, 22, 832-836.	2.4	27
295	A novel 58-nuclei silver nanowheel encapsulating a subvalent Ag <sub>64+</sub> kernel. <i>Science China Chemistry</i> , 2020, 63, 16-20.	4.2	27
296	Keplerate Ag <sub>192</sub> Cluster with 6 Silver and 14 Chalcogenide Octahedral and Tetrahedral Shells. <i>Journal of the American Chemical Society</i> , 2021, 143, 13235-13244.	6.6	27
297	Solvent~Controlled Condensation of [Mo <sub>2</sub> O <sub>5</sub> (PTC4A) <sub>2</sub> ] <sup>6+</sup> Metalloligand in Stepwise Assembly of Hexagonal and Rectangular Ag <sub>18</sub> Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
298	Molecular logic circuit based on a multi-state mononuclear platinum(ii) terpyridyl complex. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13026.	1.3	26
299	Photoinduced Triplet~Triplet Energy Transfer in a 2~Ureido~(1<i>H</i>)~Pyrimidinone~Bridged, Quadruply Hydrogen~Bonded Ferrocene~Fullerene Assembly. <i>ChemPhysChem</i> , 2013, 14, 198-203.	1.0	26
300	Divergent Synthesis of 3,3~Disubstituted Oxindoles Initiated by Palladium~Catalyzed Intramolecular Arylation of Unsaturated Amides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 971-975.	1.3	26
301	Breaking aziridines to construct morpholines with a gold( <i>i</i> )-catalyzed tandem ring-opening and cycloisomerization reaction. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10973-10980.	1.5	26
302	Interplay between Terminal and Bridging Diiron Hydrides in Neutral and Oxidized States. <i>Organometallics</i> , 2017, 36, 2245-2253.	1.1	26
303	Scandium (III)~Catalyzed Cycloaddition of <i>in situ</i> Generated <i>ortho</i> ~Quinone Methides with Vinyl Azides: An Efficient Access to Substituted 4<i>H</i>~Chromenes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3585-3589.	2.1	26
304	Photoredox/Cobalt-Catalyzed C(sp <sup>3</sup> )~H Bond Functionalization toward Phenanthrene Skeletons with Hydrogen Evolution. <i>Organic Letters</i> , 2020, 22, 9627-9632.	2.4	26
305	Thiol Activation toward Selective Thiolation of Aromatic C~H Bond. <i>Organic Letters</i> , 2020, 22, 3804-3809.	2.4	26
306	In Situ Capture of a Ternary Supramolecular Cluster in a 58-Nuclei Silver Supertetrahedron. <i>CCS Chemistry</i> , 2022, 4, 1788-1795.	4.6	26

#	ARTICLE	IF	CITATIONS
307	A Parent Iron Amido Complex in Catalysis of Ammonia Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 4365-4375.	6.6	26
308	Keggin-Type Tridecanuclear Europium-Oxo Nanocluster Protected by Silsesquioxanes. <i>Chemistry of Materials</i> , 2022, 34, 4186-4194.	3.2	26
309	Regioselectivity in the Photocycloaddition of 9-Substituted Anthracenes Incorporated within Nafion Membranes. <i>Journal of Organic Chemistry</i> , 1998, 63, 5857-5862.	1.7	25
310	Photoinduced Intramolecular Electron Transfer and Triplet Energy Transfer in a Steroid-Linked Norbornadiene-Carbazole Dyad. <i>Chemistry - A European Journal</i> , 2003, 9, 2763-2769.	1.7	25
311	Synthesis and Photophysical Studies of Calix[4]arene-based Binuclear Platinum(II) Complexes: Probing Metal-Metal and Ligand-Ligand Interactions. <i>Inorganic Chemistry</i> , 2008, 47, 5099-5106.	1.9	25
312	Highly sensitive and selective detection of beryllium ions using a microcantilever modified with benzo-9-crown-3 doped hydrogel. <i>Analyst</i> , 2012, 137, 1220.	1.7	25
313	Photoreduction: Defect-Rich Ultrathin ZnAl-Layered Double Hydroxide Nanosheets for Efficient Photoreduction of CO <sub>2</sub> to CO with Water ( <i>Adv. Mater.</i> 47/2015). <i>Advanced Materials</i> , 2015, 27, 7823-7823.	11.1	25
314	Decarboxylative sulfenylation of amino acids <i>via</i> metallaphotoredox catalysis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3224-3227.	2.3	25
315	Borylation of Diazonium Salts by Highly Emissive and Crystalline Carbon Dots in Water. <i>ChemSusChem</i> , 2020, 13, 1715-1719.	3.6	25
316	Mechanistic Insights Into Iron(II) Bis(pyridyl)amine-Bipyridine Skeleton for Selective CO <sub>2</sub> Photoreduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26072-26079.	7.2	25
317	Efficient and selective photodimerization of 2-naphthalenecarbonitrile mediated by cucurbit[8]uril in an aqueous solution. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1441-1444.	1.6	24
318	One-Pot Hydrothermal Synthesis and Photocatalytic Hydrogen Evolution of Pyrochlore Type K <sub>2</sub> Nb <sub>2</sub> O <sub>6</sub> . <i>Chinese Journal of Chemistry</i> , 2014, 32, 485-490.	2.6	24
319	Cu(II) coordination polymers with nitrogen catenation ligands for efficient photocatalytic water oxidation. <i>Chemical Communications</i> , 2018, 54, 4794-4797.	2.2	24
320	Binding Modes of Salicylic Acids to Titanium Oxide Molecular Surfaces. <i>Chemistry - A European Journal</i> , 2020, 26, 2666-2674.	1.7	24
321	Surface-Enhanced Raman Scattering of Phenols and Catechols by a Molecular Analogue of Titanium Dioxide. <i>Analytical Chemistry</i> , 2020, 92, 5929-5936.	3.2	24
322	Tandem photoelectrochemical and photoredox catalysis for efficient and selective aryl halides functionalization by solar energy. <i>Matter</i> , 2021, 4, 2354-2366.	5.0	24
323	pH-Controlled assembly of two novel Dawson-sandwiched clusters involving the in situ reorganization of trivacant [P <sub>2</sub> W <sub>15</sub> O <sub>56</sub> ] <sup>12+</sup> into divacant [P <sub>2</sub> W <sub>16</sub> O <sub>57</sub> ] <sup>8+</sup> . <i>Dalton Transactions</i> , 2016, 45, 8404-8411.	1.6	23
324	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

#	ARTICLE	IF	CITATIONS
325	Nanocrystals@Hollow Mesoporous Silica Reverse-Bumpy-Ball Structure Nanoreactors by a Versatile Microemulsion-Templated Approach. <i>Small Methods</i> , 2018, 2, 1800105.	4.6	23
326	Site-selective D <sub>2</sub> O-mediated deuteration of diaryl alcohols <i>via</i> quantum dots photocatalysis. <i>Chemical Communications</i> , 2021, 57, 6768-6771.	2.2	23
327	Anionic passivation layer-assisted trapping of an icosahedral Ag <sub>13</sub> kernel in a truncated tetrahedral Ag <sub>89</sub> nanocluster. <i>Science China Chemistry</i> , 2021, 64, 1482-1486.	4.2	23
328	Intramolecular photodimerization of 2-naphthoates: successful application of hydrophobic forces in the preparation of large-ring compounds. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 947.	1.7	22
329	Long-Lived Charge Separation in a Dyad System Containing Cyclometalated Platinum(II) Complex and Ferrocene Donor. <i>Journal of Physical Chemistry C</i> , 2011, 115, 833-839.	1.5	22
330	Colorimetric sensors with different reactivity for the quantitative determination of cysteine, homocysteine and glutathione in a mixture. <i>RSC Advances</i> , 2015, 5, 13042-13045.	1.7	22
331	An efficient synthesis of gem-diodoolefins and (E)-iodoalkenes from propargylic amides with a Cu(I)/Cu(III) cycle. <i>Organic Chemistry Frontiers</i> , 2015, 2, 578-585.	2.3	22
332	Octanuclear Ni( <i>sc</i> ) cubes based on halogen-substituted pyrazolates: synthesis, structure, electrochemistry and magnetism. <i>CrystEngComm</i> , 2016, 18, 3462-3471.	1.3	22
333	Fabrication and directed assembly of magnetic Janus rods. <i>New Journal of Chemistry</i> , 2016, 40, 6541-6545.	1.4	22
334	Bimetallic nickel-cobalt hydrides in H <sub>2</sub> activation and catalytic proton reduction. <i>Chemical Science</i> , 2019, 10, 761-767.	3.7	22
335	Bioinspired metal complexes for energy-related photocatalytic small molecule transformation. <i>Chemical Communications</i> , 2020, 56, 15496-15512.	2.2	22
336	Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule. <i>Angewandte Chemie</i> , 2020, 132, 10259-10264.	1.6	22
337	Ultralong Room-Temperature Phosphorescence of Silicon-Based Pure Organic Crystal for Oxygen Sensing. <i>CCS Chemistry</i> , 2022, 4, 1007-1015.	4.6	22
338	Synthesis of $\hat{1},\hat{2}$ -unsaturated $\hat{3}$ -lactones via photooxygenation of 2,3-dihydrofurans followed by ferrous ion-catalyzed gem-dehydration. <i>Tetrahedron</i> , 2006, 62, 10688-10693.	1.0	21
339	Photoinduced Triplet-Triplet Energy Transfer via the 2-Ureido-4[1 <i>H</i> ]-pyrimidinone Self-Complementary Quadruple Hydrogen-Bonded Module. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3865-3869.	1.1	21
340	A pillar-layered porous Co <sup>II</sup> -MOF with dual active sites for selective gas adsorption. <i>CrystEngComm</i> , 2018, 20, 4905-4909.	1.3	21
341	Aqueous Isolation of <sup>176</sup> Nuclear Zr/Hf Oxide Clusters during the Hydrothermal Synthesis of ZrO <sub>2</sub> /HfO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2018, 24, 14701-14706.	1.7	21
342	Self-Organization into Preferred Sites by Mg <sup>II</sup> , Mn <sup>II</sup> , and Mn <sup>III</sup> in Brucite-Structured M <sub>19</sub> Cluster. <i>Inorganic Chemistry</i> , 2019, 58, 3800-3806.	1.9	21

#	ARTICLE	IF	CITATIONS
343	Aerobic oxidation of toluene and benzyl alcohol to benzaldehyde using a visible light-responsive titanium-oxide cluster. <i>Chemical Engineering Journal</i> , 2021, 404, 126433.	6.6	21
344	Direct C-H Thiolation for Selective Cross-Coupling of Arenes with Thiophenols via Aerobic Visible-Light Catalysis. <i>Organic Letters</i> , 2021, 23, 8082-8087.	2.4	21
345	Stepwise Photochemical-Chiral Delivery in $\beta$ -Cyclodextrin-Directed Enantioselective Photocyclodimerization of Methyl 3-Methoxy-2-Naphthoate in Aqueous Solution. <i>Langmuir</i> , 2010, 26, 782-785.	1.6	20
346	Water-soluble sulfonated-graphene-platinum nanocomposites: facile photochemical preparation with enhanced catalytic activity for hydrogen photogeneration. <i>Catalysis Science and Technology</i> , 2013, 3, 1815.	2.1	20
347	A multi-stimuli-responsive fluorescence switch based on E-Z isomerization of hydrazone. <i>RSC Advances</i> , 2016, 6, 41002-41006.	1.7	20
348	Synthesis, structure and magnetism of a novel Cu <sub>14</sub> TiV <sub>5</sub> heterometallic cluster. <i>Chinese Chemical Letters</i> , 2020, 31, 809-812.	4.8	20
349	Enhancement of Diastereoselectivity in Photodimerization of Alkyl 2-Naphthoates with Chiral Auxiliaries via Inclusion within $\beta$ -Cyclodextrin Cavities. <i>Journal of Organic Chemistry</i> , 2012, 77, 1685-1692.	1.7	19
350	Interfacial charge transfer in a functionalized polyoxotitanate cluster. <i>Inorganica Chimica Acta</i> , 2016, 443, 279-283.	1.2	19
351	A Bio-inspired Cu <sub>4</sub> O <sub>4</sub> Cubane: Effective Molecular Catalysts for Electrocatalytic Water Oxidation in Aqueous Solution. <i>Angewandte Chemie</i> , 2018, 130, 7976-7980.	1.6	19
352	Core Modulation of 70-nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie</i> , 2019, 131, 6342-6345.	1.6	19
353	Nuclearity enlargement from [PW <sub>9</sub> O <sub>34</sub> @Ag <sub>51</sub> ] to [(PW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> @Ag <sub>72</sub> ] and 2D and 3D network formation driven by bipyridines. <i>Nature Communications</i> , 2022, 13, 1802.	5.8	19
354	Cobalt-Catalyzed Selective Dearomatization of Pyridines to N-H 1,4-Dihydropyridines. <i>ACS Catalysis</i> , 2022, 12, 5013-5021.	5.5	19
355	Facile Preparation of 3,4-Diarylpyrroles and Hydrogen by a Platinum(II) Terpyridyl Complex. <i>Inorganic Chemistry</i> , 2009, 48, 9995-9997.	1.9	18
356	Visual detection of carbonate ions by inverse opal photonic crystal polymers in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9524-9527.	2.7	18
357	Functionalization of Titanium Oxide Cluster Ti <sub>17</sub> O <sub>24</sub> (O <sup>sup</sup> <sub>2</sub> C <sub>3</sub> H <sub>7</sub> ) <sub>20</sub> with Catechols: Structures and Ligand-Exchange Reactivities. <i>Chemistry - A European Journal</i> , 2019, 25, 14843-14849.	1.7	18
358	Water-soluble copolymeric materials: switchable NIR two-photon fluorescence imaging agents for living cancer cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 502-510.	2.9	17
359	Three Silver Nests Capped by Thiolate/Phenylphosphonate. <i>Chemistry - A European Journal</i> , 2018, 24, 15096-15103.	1.7	17
360	BNN-1,3-dipoles: isolation and intramolecular cycloaddition with unactivated arenes. <i>Chemical Science</i> , 2020, 11, 7053-7059.	3.7	17

#	ARTICLE	IF	CITATIONS
361	Core engineering of paired core-shell silver nanoclusters. <i>Science China Chemistry</i> , 2021, 64, 2118-2124.	4.2	17
362	Iron-Catalyzed Regiodivergent Hydrostannation of Alkynes: Intermediacy of Fe(IV) $\text{=H}$ versus Fe(II) $\text{=Vinylidene}$ . <i>Journal of the American Chemical Society</i> , 2021, 143, 409-419.	6.6	17
363	Enhancement of Intramolecular Photocycloaddition of Bichromophoric Compounds via Inclusion in Low-Density Polyethylene Films. <i>Journal of Organic Chemistry</i> , 1999, 64, 5156-5161.	1.7	16
364	Two-photon-pumped frequency-upconverted lasing and optical power limiting properties of vinylbenzothiazole-containing compounds in solution Electronic supplementary information (ESI) available: Single-crystal crystallographic data in cif format (CCDC reference number 189061). See <a href="http://www.rsc.org/suppdata/cp/b2/b206259c/">http://www.rsc.org/suppdata/cp/b2/b206259c/</a> . <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5744-5747.	1.3	16
365	$\text{C}\text{=H}\cdots\text{N}$ Interaction-Driven Homochiral M and P Helices of Neutral (R,R)- and (S,S)-Bis(pyrrol-2-ylmethyleneamino)cyclohexane Ni(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3315-3319.	1.0	16
366	Modifying the symmetry of colloidal photonic crystals: a way towards complete photonic bandgap. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4100.	2.7	16
367	Visible light catalyzed aromatization of 1,3,5-triaryl-2-pyrazolines by platinum(II) polypyridyl complex under oxidant-free condition. <i>Science China Chemistry</i> , 2016, 59, 175-179.	4.2	16
368	Visible light-induced photochemical oxygen evolution from water by 3,4,9,10-perylenetetracarboxylic dianhydride nanorods as an n-type organic semiconductor. <i>Catalysis Science and Technology</i> , 2016, 6, 672-676.	2.1	16
369	$\text{BaAu}_2\text{S}_2$ : A Au-Based Intrinsic Photocatalyst for High-Performance Visible-Light Photocatalysis. <i>Inorganic Chemistry</i> , 2017, 56, 5173-5181.	1.9	16
370	Iron(II) hydrides bearing a tetradentate PSNP ligand. <i>Chinese Chemical Letters</i> , 2018, 29, 949-953.	4.8	16
371	Kinetically Controlled Radical Addition/Elimination Cascade: From Alkynyl Aziridine to Fluorinated Allenes. <i>Organic Letters</i> , 2020, 22, 2419-2424.	2.4	16
372	Boraminolithium: An Iminoborane-Transfer Reagent. <i>Journal of the American Chemical Society</i> , 2021, 143, 13483-13488.	6.6	16
373	Aggregation of Novel Betaine Surfactants N-(3-Alkoxy-2-hydroxypropyl)-N,N-dimethylglycines in Aqueous Solution: Micellization and Microenvironment Characteristics. <i>Langmuir</i> , 1999, 15, 1011-1016.	1.6	15
374	Kag $\text{=3me}$ Cobalt(II) $\text{=Organic}$ Layers as Robust Scaffolds for Highly Efficient Photocatalytic Oxygen Evolution. <i>ChemSusChem</i> , 2016, 9, 1146-1152.	3.6	15
375	Synthesis of benzannulated spiroketals with gold-catalyzed cycloisomerization/spiroketalization cascade. <i>Organic Chemistry Frontiers</i> , 2018, 5, 990-993.	2.3	15
376	Selective endoperoxide formation by heterogeneous TiO $\text{2}$ photocatalysis with dioxygen. <i>Tetrahedron</i> , 2018, 74, 2421-2427.	1.0	15
377	A Monophosphine Ligand Derived from Anthracene Photodimer: Synthetic Applications for Palladium-Catalyzed Coupling Reactions. <i>Organic Letters</i> , 2019, 21, 8158-8163.	2.4	15
378	Stiff-stilbene derivatives as new bright fluorophores with aggregation-induced emission. <i>Science China Chemistry</i> , 2019, 62, 1194-1197.	4.2	15

#	ARTICLE	IF	CITATIONS
379	Amphiphilic Oxo-Bridged Ruthenium $\mu$ -Green Dimer for Water Oxidation. <i>IScience</i> , 2020, 23, 100969.	1.9	15
380	Iron-cobalt-catalyzed heterotrimerization of alkynes and nitriles to polyfunctionalized pyridines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2196-2201.	2.3	15
381	A Polyoxochromate Templated 56-Nuclei Silver Nanocluster. <i>Inorganic Chemistry</i> , 2020, 59, 3004-3011.	1.9	15
382	Inner-assembly singlet energy transfer in naphthalene-anthracene system linked by 2-ureido-4(1H)-pyrimidinone binding module. <i>Tetrahedron Letters</i> , 2004, 45, 6807-6811.	0.7	14
383	$\pi$ -H $\pi$ -Pt(II) interaction-controlled self-assembly and photophysics of chiral bis(pyrrol-2-ylmethyleneamino)cyclohexane platinum(II) complexes. <i>Tetrahedron</i> , 2008, 64, 5577-5582.	1.0	14
384	Multifaceted Bicubane Co <sub>4</sub> Clusters: Magnetism, Photocatalytic Oxygen Evolution, and Electrical Conductivity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3253-3261.	1.0	14
385	Bidirectional Singlet and Triplet Energy Transfer via the 2-Ureido-4(1H)-pyrimidinone Quadruple Hydrogen-Bonded Module. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16507-16515.	1.5	14
386	Self-assembled inorganic clusters of semiconducting quantum dots for effective solar hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 4858-4861.	2.2	14
387	Cobalt-catalyzed radical cyclization of isocyanides forming phenanthridine derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2997-3002.	2.3	14
388	Hexadecanuclear Mn <sup>II</sup> <sub>2</sub> Mn <sup>III</sup> <sub>14</sub> Molecular Torus Built from <i>In Situ</i> Tandem Ligand Transformations. <i>Inorganic Chemistry</i> , 2019, 58, 14331-14337.	1.9	14
389	<i>N</i> -Iodosuccinimide and dioxygen in an air-enabled synthesis of 10-phenanthrenols under sunlight. <i>Green Chemistry</i> , 2021, 23, 7193-7198.	4.6	14
390	Observation of a bcc-like framework in polyhydrido copper nanoclusters. <i>Nanoscale</i> , 2021, 13, 19642-19649.	2.8	14
391	General and Efficient $\pi$ Bond Formation by Quantum Dots and Visible Light. <i>CCS Chemistry</i> , 2022, 4, 2946-2952.	4.6	14
392	Intramolecular Triplet Energy Transfer in Donor-Acceptor Molecules Linked by a Crown Ether Bridge. <i>Chemistry - A European Journal</i> , 2006, 12, 5238-5245.	1.7	13
393	Controllable Synthesis of Ultrathin Transition-Metal Hydroxide Nanosheets and their Extended Composite Nanostructures for Enhanced Catalytic Activity in the Heck Reaction. <i>Angewandte Chemie</i> , 2016, 128, 2207-2210.	1.6	13
394	Modular Design of Poly(norbornenes) for Organelle-Specific Imaging in Tumor Cells. <i>Biomacromolecules</i> , 2016, 17, 538-545.	2.6	13
395	Construction of Cyclobutanes by Multicomponent Cascade Reactions in Homogeneous Solution through Visible-Light Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 879-884.	1.7	13
396	An advanced plasmonic photocatalyst containing silver(0) single atoms for selective borylation of aryl iodides. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120674.	10.8	13

#	ARTICLE	IF	CITATIONS
397	Synthesis, structure, and chirality of hydroxyl- and carboxyl-functionalized cubane-like photodimers of 2-naphthalene. <i>Tetrahedron</i> , 2007, 63, 3133-3137.	1.0	12
398	Tetrathiafulvalene derivatives bearing a crown ether with intramolecular charge transfer properties: synthesis and cation binding studies. <i>New Journal of Chemistry</i> , 2009, 33, 813.	1.4	12
399	Enhanced photocatalytic hydrogen evolution by combining water soluble graphene with cobalt salts. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1167-1174.	1.5	12
400	Modification of colloidal particles by unidirectional silica deposition for urchin-like morphologies. <i>RSC Advances</i> , 2016, 6, 32956-32959.	1.7	12
401	Solvent Effects on Hydride Transfer from Cp*(P-P)FeH to BNA <sup>+</sup> Cation. <i>Organometallics</i> , 2017, 36, 1238-1244.	1.1	12
402	Efficient electronic communication-driven photoinduced charge-separation in 2-ureido-4[1H]-pyrimidinone quadruple hydrogen-bonded N,N-dimethylaniline-anthracene assemblies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 457-466.	2.0	12
403	Visible-Light-Triggered Selective Intermolecular [2+2] Cycloaddition of Extended Enones: 2-Oxo-3-enoates and 2,4-Dien-1-ones with Olefins. <i>Journal of Organic Chemistry</i> , 2019, 84, 9257-9269.	1.7	12
404	Visible-Light-Induced Nanoparticle Assembly for Effective Hydrogen Photogeneration. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7286-7293.	3.2	12
405	Tandem [2 + 2] Cycloaddition/Rearrangement toward Carbazoles by Visible-Light Photocatalysis. <i>Organic Letters</i> , 2021, 23, 2135-2139.	2.4	12
406	Direct, Site-Selective and Redox-Neutral C-H Bond Functionalization of Tetrahydrofurans via Quantum Dots Photocatalysis. <i>Angewandte Chemie</i> , 2021, 133, 27407-27411.	1.6	12
407	Methane Monooxygenase Mimic Asymmetric Oxidation: Self-Assembling 1/4-Hydroxo, Carboxylate-Bridged Diiron(III)-Catalyzed Enantioselective Dehydrogenation. <i>Journal of the American Chemical Society</i> , 2022, 144, 5976-5984.	6.6	12
408	Stereochemistry of a cubane-like photodimer of methyl 2-naphthoate. <i>Tetrahedron Letters</i> , 2006, 47, 4725-4727.	0.7	11
409	Off-resonant optical nonlinearities of phthalocyanine analogues: dihydroxy phosphorus(V) tetrabenzotriazacorroles. <i>Optics Communications</i> , 2008, 281, 1275-1279.	1.0	11
410	Formation of Cubane-like Photodimers from 2-Naphthalenecarbonitrile. <i>Journal of Organic Chemistry</i> , 2008, 73, 7345-7348.	1.7	11
411	Identifying a Real Catalyst of [NiFe] Hydrogenase Mimic for Exceptional H <sub>2</sub> Photogeneration. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18400-18404.	7.2	11
412	(S)-Trifluoroethyl Benzenesulfonothioate: A Bench-Stable Reagent for Electrophilic Trifluoroethylthiolation. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1625-1628.	2.6	11
413	A Carbonate-Templated Decanuclear Mn Nanocage with Two Different Silsesquioxane Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 14866-14871.	1.9	11
414	Singlet Oxygen- and Hole-Mediated Selective Oxidation of Arylethylenes to Aryltetralones by Ag/Ag <sub>3</sub> PO <sub>4</sub> under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16670-16677.	3.2	11



#	ARTICLE	IF	CITATIONS
415	Photocatalytic Synthesis of Quinolines via Povarov Reaction under Oxidant-Free Conditions. <i>Organic Letters</i> , 2022, 24, 1180-1185.	2.4	11
416	Site-Selective <i>N</i> - and <i>C</i> -Heteroarylation of Indole with Heteroarylnitriles by Organocatalysis under Visible Light. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
417	Remote Activation of the Quadricyclane Group in a Quadricyclane~Steroid~{Dibenzoylmethanato}boron Difluoride System by Intramolecular Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2003, 107, 3438-3442.	1.1	10
418	Carbon Nanoframes: Well-Dispersed ZIF-Derived Co,N-Co-Doped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts ( <i>Adv. Mater.</i> )	10.0	10
419	New Class of Hydrido Iron(II) Compounds with <i>cis</i> -Reactive Sites: Combination of Iron and Diphosphinodithio Ligand. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2271-2277.	1.7	10
420	Photocatalysis: Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution ( <i>Adv. Mater.</i> 16/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	10
421	Luminescence-Tunable Polynorbornenes for Simultaneous Multicolor Imaging in Subcellular Organelles. <i>Biomacromolecules</i> , 2018, 19, 2750-2758.	2.6	10
422	Hand-in-hand quantum dot assembly sensitized photocathodes for enhanced photoelectrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26098-26104.	5.2	10
423	A 34-Electron Superatom Ag <sub>78</sub> Cluster with Regioselective Ternary Ligands Shells and Its 2D Rhombic Superlattice Assembly. <i>Angewandte Chemie</i> , 2021, 133, 4277-4283.	1.6	10
424	Direct C-H/Si-H Cross-Coupling via Copper Salts Photocatalysis. <i>Organic Letters</i> , 2022, 24, 5192-5196.	2.4	10
425	Practical and Selective Bio-Inspired Iron-Catalyzed Oxidation of Si-H Bonds to Diversely Functionalized Organosilanols. <i>ACS Catalysis</i> , 2022, 12, 9143-9152.	5.5	10
426	Photochemical DNA cleavage by novel water-soluble sulfonated dihydroxy phosphorus(V) tetrabenzotriazacorrole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2152-2155.	1.0	9
427	Nafion-Induced metal-metal interactions in a platinum(II) terpyridyl acetylide complex: A luminescent sensor for detection of volatile organic compounds. <i>Chinese Journal of Chemistry</i> , 2004, 22, 1204-1207.	2.6	9
428	Preparation of Porous TiO <sub>2</sub> from an Iso-Polyoxotitanate Cluster for Rechargeable Sodium-Ion Batteries with High Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7025-7032.	1.5	9
429	Per-6-Thiol-Cyclodextrin Engineered [FeFe]-Hydrogenase Mimic/CdSe Quantum Dot Assembly for Photocatalytic Hydrogen Production. <i>Solar Rrl</i> , 2021, 5, 2000474.	3.1	9
430	Facile Access to Alkylideneborane and Diborabutadiene N-Heterocyclic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 8432-8436.	1.9	9
431	Synthesis of Finite Molecular Nanotubes by Connecting Axially Functionalized Macrocycles. <i>CCS Chemistry</i> , 2022, 4, 3772-3780.	4.6	9
432	A Mesoporous Lead-Doped Titanium Oxide Compound with High Performance and Recyclability in I <sub>2</sub> Uptake and Photocatalysis. <i>Inorganic Chemistry</i> , 2022, 61, 586-596.	1.9	9

#	ARTICLE	IF	CITATIONS
433	Au-catalyzed neighboring hydroxymethyl group directed cycloaddition of alkyne with diazadienes: Synthesis of polysubstituted pyrroles. <i>Chinese Chemical Letters</i> , 2023, 34, 107488.	4.8	9
434	Modification of Alkylbetaine by Incorporation of Hydroxypropyl Group: Preparation, Surface Activity, and Biodegradability of N-Alkoxy-Hydroxypropyl-N, N-Dimethyl-Glycine Betaine Surfactants. <i>Journal of Dispersion Science and Technology</i> , 1998, 19, 63-76.	1.3	8
435	Diastereodifferentiating photodimerization of alkyl 2-naphthoates with chiral auxiliaries. <i>Tetrahedron Letters</i> , 2009, 50, 4965-4968.	0.7	8
436	Supramolecular complexation and photocyclodimerization of methyl 3-methoxy-2-naphthoate with modified $\beta$ -cyclodextrins. <i>Pure and Applied Chemistry</i> , 2011, 83, 769-778.	0.9	8
437	Chemo- and Regioselective Synthesis of Alkynyl Cyclobutanes by Visible Light Photocatalysis. <i>Organic Letters</i> , 2018, 20, 6808-6811.	2.4	8
438	Self-Assembly of A Novel Ag <sub>48</sub> Cluster Encapsulating an Unprecedented [Mo <sub>8</sub> O <sub>28</sub> ] <sup>8-</sup> Anion Template. <i>Israel Journal of Chemistry</i> , 2019, 59, 280-285.	1.0	8
439	Assembly of Interlocked Superstructures with a Titanium Oxide Molecular Ring in Water. <i>Inorganic Chemistry</i> , 2021, 60, 14520-14524.	1.9	8
440	A simple, modular synthesis of bifunctional peptide-polynorbornenes for apoptosis induction and fluorescence imaging of cancer cells. <i>Polymer Chemistry</i> , 2018, 9, 77-86.	1.9	8
441	Unraveling the reactivity of a cationic iminoborane: avenues to unusual boron cations. <i>Chemical Science</i> , 2022, 13, 2303-2309.	3.7	8
442	Light-driven hydrogen evolution system with glutamic-acid-modified zinc porphyrin as photosensitizer and [FeFe]-hydrogenase model as catalyst. <i>Pure and Applied Chemistry</i> , 2013, 85, 1405-1413.	0.9	7
443	A modular designed copolymer with anti-thrombotic activity and imaging capability. <i>Chemical Communications</i> , 2014, 50, 9539-9542.	2.2	7
444	Alkali Halide Cubic Cluster Anions ([Cs <sub>8</sub> X <sub>27</sub> ] <sup>19-</sup> , X = Cl, Br) Isolated from Water. <i>Inorganic Chemistry</i> , 2016, 55, 11125-11130.	1.9	7
445	Synthetic [NiFe] models with a fluxional CO ligand. <i>Dalton Transactions</i> , 2017, 46, 13681-13685.	1.6	7
446	Solution behavior and magnetic properties of a novel nonanuclear copper( <i>II</i> ) cluster. <i>New Journal of Chemistry</i> , 2018, 42, 17884-17888.	1.4	7
447	Photocatalytic hydrogen evolution of 1-tetralones to $\pm$ -naphthols by continuous-flow technology. <i>Catalysis Science and Technology</i> , 2019, 9, 3337-3341.	2.1	7
448	Benzyl C-O and C-N Bond Construction via C-C Bond Dissociation of Oxime Ester under Visible Light Irradiation. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1551-1558.	1.2	7
449	Ultrafast Vibrational Energy Transfer through the Covalent Bond and Intra- and Intermolecular Hydrogen Bonds in a Supramolecular Dimer by Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 544-555.	1.2	7
450	Ambient Chemical Fixation of CO <sub>2</sub> Using a Robust Ag <sub>27</sub> Cluster-Based Two-Dimensional Metal-Organic Framework. <i>Angewandte Chemie</i> , 2020, 132, 20206-20211.	1.6	7

#	ARTICLE	IF	CITATIONS
451	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie</i> , 2020, 132, 23662-23666.	1.6	7
452	Dehydrogenation of iron amido-borane and resaturation of the imino-borane complex. <i>Chemical Science</i> , 2021, 12, 2885-2889.	3.7	7
453	Palladium-Catalyzed Desymmetric Intermolecular C-N Coupling Enabled by a Chiral Monophosphine Ligand Derived from Anthracene Photodimer. <i>Organic Letters</i> , 2021, 23, 5485-5490.	2.4	7
454	Probe Binding Mode and Structure of the Photocatalytic Center: Hydrogen Generation by Quantum Dots and Nickel Ions. <i>Energy &amp; Fuels</i> , 2021, 35, 19185-19190.	2.5	7
455	Engaging Ag(0) single atoms in silver(I) salts-mediated C-B and C-S coupling under visible light irradiation. <i>Journal of Catalysis</i> , 2021, 402, 255-263.	3.1	7
456	Synthesis of Diazacrown Ethers with Chromophores and Their Photoinduced Charge Separation with Methyl Viologen. <i>Chinese Journal of Chemistry</i> , 2001, 19, 960-965.	2.6	6
457	Switchable two-photon imaging of RGD-functionalized polynorbornenes with enhanced cellular uptake in living cells. <i>New Journal of Chemistry</i> , 2016, 40, 3252-3260.	1.4	6
458	A beryllium-selective microcantilever sensor modified with benzo-9-crown-3 functionalized polymer brushes. <i>Analytical Methods</i> , 2017, 9, 3356-3360.	1.3	6
459	Nickel-Mediated Stepwise Transformation of CO to Acetaldehyde and Ethanol. <i>Organometallics</i> , 2017, 36, 3135-3141.	1.1	6
460	Photothermal Catalysis: Co-Based Catalysts Derived from Layered-Double-Hydroxide Nanosheets for the Photothermal Production of Light Olefins ( <i>Adv. Mater.</i> 31/2018). <i>Advanced Materials</i> , 2018, 30, 1870230.	11.1	6
461	Thermally Hypsochromic or Bathochromic Emissions? The Silver Nuclei Does Matter. <i>Small</i> , 2022, 18, e2104524.	5.2	6
462	Fluorescence Enhancement and Photostability of Novel Pentamethine Cyanines in Nafion-Na+ Membranes. <i>Journal of Fluorescence</i> , 2000, 10, 21-26.	1.3	5
463	Photocontrollable ion transport across a liquid membrane by anthracene end-labeled oligo-oxyethylenes Electronic supplementary information (ESI) available: IR, 1H NMR and mass spectral data of A-P4-A, A-P5-A, and A-P6-A. See <a href="http://www.rsc.org/suppdata/cp/b2/b203647a/">http://www.rsc.org/suppdata/cp/b2/b203647a/</a> . <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4030-4035.	1.3	5
464	Selective Transport of Alkali-Metal Cations through Liquid Membranes by Non-Cyclic Carriers. <i>Chinese Journal of Chemistry</i> , 2002, 20, 90-95.	2.6	5
465	The first intramolecular charge transfer transition based on a ureido[1,4-dihydropyrimidinone binding module. <i>Chinese Journal of Chemistry</i> , 2004, 22, 1391-1394.	2.6	5
466	Stereoselective photodimerization of alkyl 3-alkoxy-2-naphthoates. <i>Tetrahedron Letters</i> , 2011, 52, 2946-2949.	0.7	5
467	Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag <sub>2</sub> S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie</i> , 2016, 128, 15176-15181.	1.6	5
468	Heteronuclear assembly of Ni-Cu dithiolato complexes: synthesis, structures, and reactivity studies. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 706-711.	3.0	5

#	ARTICLE	IF	CITATIONS
469	Synthesis, Characterization, and Selective Sr <sup>2+</sup> Sensing Study of Copper(I)-Bridged Calix[4]arene-Based Binuclear Alkynylplatinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5108-5113.	1.0	5
470	Zinc-Air Batteries: NiFe Layered Double Hydroxide Nanoparticles on Co,N-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries ( <i>Adv. Energy Mater.</i> 21/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	10.2	5
471	Filamentous Virus Oriented Pyrene Excimer Emission and Its Efficient Energy Transfer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 32-37.	2.0	5
472	Synthetic [FeFe]-H <sub>2</sub> ase models bearing phosphino thioether chelating ligands. <i>Chinese Chemical Letters</i> , 2018, 29, 1651-1655.	4.8	5
473	Reactivity of the diphosphinodithio ligated nickel(0) complex toward alkyl halides and resultant nickel(I) and nickel(II) alkyl complexes. <i>Dalton Transactions</i> , 2018, 47, 15757-15764.	1.6	5
474	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie</i> , 2019, 131, 8531-8535.	1.6	5
475	Tunable amplified spontaneous emission based on liquid magnetically responsive photonic crystals. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3740-3743.	2.7	5
476	Catalytic Hydrogen Production Using A Cobalt Catalyst Bearing a Phosphinoamine Ligand. <i>ChemPhotoChem</i> , 2019, 3, 220-224.	1.5	5
477	Self-assembly of a nonanuclear Ni <sup>II</sup> cluster via atmospheric CO <sub>2</sub> fixation: synthesis, structure, collision-induced dissociation mass spectrometry and magnetic property. <i>Dalton Transactions</i> , 2020, 49, 10977-10982.	1.6	5
478	Effects of organic ammonium cations on the isolation of {Ti <sub>4</sub> } cyclic clusters from water: an 17O NMR study. <i>Dalton Transactions</i> , 2020, 49, 5957-5964.	1.6	5
479	Silica-supported dual-dye nanoprobe for ratiometric hypoxia sensing. <i>Materials Chemistry Frontiers</i> , 2021, 5, 458-464.	3.2	5
480	Asymmetric synthesis of tricyclic 6,5,5-fused polycycles by the desymmetric Pauson-Khand reaction. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1680-1685.	2.3	5
481	Crystalline Neutral Diboron Analogues of Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
482	Structural rearrangement of Ag <sub>60</sub> nanocluster endowing different luminescence performances. <i>Journal of Chemical Physics</i> , 2021, 155, 234303.	1.2	5
483	Unveiling Hetero-Enyne Reactivity of Aryliminoboranes: Dearomative Hetero-Diels-Alder-Like Reactions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
484	Ultrahydrophobicity of Polydimethylsiloxanes-Based Multilayered Thin Films. <i>Journal of Nanotechnology</i> , 2009, 2009, 1-8.	1.5	4
485	Metal Ion Enhanced Phosphorescence of 2,3-Naphtho[1,0-a]aza[1,5]crown-5: A Possible Molecular Photonic Operator. <i>Chinese Journal of Chemistry</i> , 2002, 20, 135-141.	2.6	4
486	Water Splitting: Ni <sub>3</sub> FeN Nanoparticles Derived from Ultrathin NiFe Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst ( <i>Adv. Energy Mater.</i> )	10.2	102

#	ARTICLE	IF	CITATIONS
487	Reductive Coupling of Bridging Diaryl Ligands in Half-Sandwich Cobalt(II) Dimers: Revisiting Triple-Decker Cobalt(I) Complexes. <i>Organometallics</i> , 2019, 38, 3610-3616.	1.1	4
488	Chiral Inductions in Excited State Reactions: Photodimerization of Alkyl 2-Naphthoates as a Model. <i>Photochemistry and Photobiology</i> , 2019, 95, 24-32.	1.3	4
489	Facile Transformations of a Binuclear Cp*Co(II) Diamidonaphthalene Complex to Mixed-Valent Co(II)Co(III), Co(III)( $\frac{1}{4}$ -H)Co(III), and Co(III)( $\frac{1}{4}$ -OH)Co(III) Derivatives. <i>Inorganic Chemistry</i> , 2022, 61, 2204-2210.	1.9	4
490	An Ultrastable 155-Nuclei Silver Nanocluster Protected by Thiocalix[4]arene and Cyclohexanethiol for Photothermal Conversion. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
491	Reductive Carbon-Carbon Coupling on Metal Sites Regulates Photocatalytic CO <sub>2</sub> Reduction in Water Using ZnSe Quantum Dots. <i>Angewandte Chemie</i> , 0, , .	1.6	4
492	Energy transfer of ionic dyes in mixed surfactant vesicle. <i>Research on Chemical Intermediates</i> , 2000, 26, 575-585.	1.3	3
493	Synthesis of diastereometrically pure cubane-like photodimers from 2,4-pentanediy-bis-2-naphthoates. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 261-265.	1.6	3
494	Preparation and enhanced catalytic activity of amphiphilic rambutan-like micro-reactors. <i>RSC Advances</i> , 2015, 5, 74362-74365.	1.7	3
495	Conformation-Controlled Diplatinum(II)-Ferrocene Dyads to Achieve Long-Lived Charge-Separated States. <i>Chemistry - A European Journal</i> , 2016, 22, 11962-11966.	1.7	3
496	Hydrogen Evolution: CdS Nanoparticle-Decorated Cd Nanosheets for Efficient Visible Light-Driven Photocatalytic Hydrogen Evolution ( <i>Adv. Energy Mater.</i> 3/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	10.2	3
497	Solution-processable graphenes by covalent functionalization of graphene oxide with polymeric monoamines. <i>Science China Chemistry</i> , 2016, 59, 1018-1024.	4.2	3
498	Photocatalysts: Layered-Double-Hydroxide Nanosheets as Efficient Visible-Light-Driven Photocatalysts for Dinitrogen Fixation ( <i>Adv. Mater.</i> 42/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	3
499	Photothermal CO <sub>2</sub> Hydrogenation: Alumina-Supported CoFe Alloy Catalysts Derived from Layered-Double-Hydroxide Nanosheets for Efficient Photothermal CO <sub>2</sub> Hydrogenation to Hydrocarbons ( <i>Adv. Mater.</i> 3/2018). <i>Advanced Materials</i> , 2018, 30, 1870015.	11.1	3
500	Sensitized Photocathodes: Recent Advances in Sensitized Photocathodes: From Molecular Dyes to Semiconducting Quantum Dots ( <i>Adv. Sci.</i> 4/2018). <i>Advanced Science</i> , 2018, 5, 1870023.	5.6	3
501	Hole-Transfer-Layer Modification of Quantum Dot-Sensitized Photocathodes for Dramatically Enhanced Hydrogen Evolution. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700278.	1.2	3
502	Insertion of BH <sub>3</sub> into a Cobalt-Aryl Bond: Synthetic Routes to Arylborohydride and Borane-Amino Hydride Complexes. <i>Organometallics</i> , 2021, 40, 1692-1698.	1.1	3
503	Semi-artificial photoelectrochemical synthesis. <i>Joule</i> , 2021, 5, 2771-2773.	11.7	3
504	Syntheses, structures and ligand binding modes of titanium-oxide complexes of 2-picolinate. <i>Dalton Transactions</i> , 2022, 51, 3706-3712.	1.6	3

#	ARTICLE	IF	CITATIONS
505	Synthesis of $\beta$ -trifluoromethyl sulfides through fluorosulfuration of gem-difluoroalkenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2926-2931.	2.3	3
506	Construction of Crystalline One-Dimensional Infinite Argentophilic Silver Alkynyl Assemblies and their Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5068-5074.	1.0	2
507	A Simple Strategy to Construct Amorphous Metal-Free Room Temperature Phosphorescent and Multi-Color Materials. <i>ChemPhysChem</i> , 2018, 19, 2131-2133.	1.0	2
508	Mechanistic Insights Into Iron(II) Bis(pyridyl)amine-Bipyridine Skeleton for Selective CO <sub>2</sub> Photoreduction. <i>Angewandte Chemie</i> , 0, , .	1.6	2
509	Cobalt-catalyzed regioselective hydrohydrazination of epoxides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1572-1576.	1.5	2
510	Magnetic field effects on photochemical reaction III. Mechanistic study of the photodecarboxylation of arylmethyl esters in micellar solutions. <i>Chinese Journal of Chemistry</i> , 1991, 9, 552-558.	2.6	1
511	Enhancement of intramolecular excimer formation and photodimerization of anthrylmethyl $\beta$ -alkanedioates via hydrophobic interactions. <i>Chinese Journal of Chemistry</i> , 1995, 13, 532-538.	2.6	1
512	Novel photo-induced coupling reactions of 9-fluorenylidene-malononitrile or 1,1-diphenyl-2,2-dicyanoethylene with 10-methyl-10-dihydroacridine. A study on the photophysics of the reaction. <i>Chinese Journal of Chemistry</i> , 2003, 21, 1400-1402.		1
513	Photocatalysis: An Exceptional Artificial Photocatalyst, Ni <sub>h</sub> -CdSe/CdS Core/Shell Hybrid, Made In Situ from CdSe Quantum Dots and Nickel Salts for Efficient Hydrogen Evolution ( <i>Adv. Mater.</i> ) Tj ETQq1 1 0.1784314 mgBT /Ov		
514	Epitaxial growth of bulky calcite inverse opal induced by a single crystalline calcite substrate. <i>CrystEngComm</i> , 2014, 16, 7617.	1.3	1
515	Self-assembled vesicles from amphiphilic platinum(II) terpyridyl complex in water. <i>Supramolecular Chemistry</i> , 2015, 27, 298-302.	1.5	1
516	Solar Energy Conversion: Hole-Accepting-Ligand-Modified CdSe QDs for Dramatic Enhancement of Photocatalytic and Photoelectrochemical Hydrogen Evolution by Solar Energy ( <i>Adv. Sci.</i> 4/2016). <i>Advanced Science</i> , 2016, 3, .	5.6	1
517	Catalysts: $\alpha$ -Naked-Magnetically Recyclable Mesoporous Au <sup>3+</sup> -Fe <sub>2</sub> O <sub>3</sub> Nanocrystal Clusters: A Highly Integrated Catalyst System ( <i>Adv. Funct. Mater.</i> 9/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	1
518	Superhydrophilic Graphdiyne: Superhydrophilic Graphdiyne Accelerates Interfacial Mass/Electron Transportation to Boost Electrochemical and Photoelectrocatalytic Water Oxidation Activity ( <i>Adv.</i> ) Tj ETQq0 0 0 rgB.8/Overlock 10 Tf 50		
519	Photocatalytic Hydrogen Evolution: Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration ( <i>Adv. Mater.</i> 7/2019). <i>Advanced Materials</i> , 2019, 31, 1970048.	11.1	1
520	Incorporation of H <sub>2</sub> O and CO <sub>2</sub> into a BN-embedded 3aH-3a1H-acephenanthrylene derivative. <i>Chemical Communications</i> , 2021, 57, 1226-1229.	2.2	1
521	Unveiling Hetero-Enyne Reactivity of Aryliminoboranes: Dearomative Hetero-Diels-Alder-Like Reactions. <i>Angewandte Chemie</i> , 0, , .	1.6	1
522	Semiconductor photoinduced cycloreversion of the dimer of methyl 2-naphthoate. <i>Chinese Journal of Chemistry</i> , 1997, 15, 260-264.	2.6	0

#	ARTICLE	IF	CITATIONS
523	Nanoparticles: Spontaneous Organization of Inorganic Nanoparticles into Nanovesicles Triggered by UV Light (Adv. Mater. 32/2014). Advanced Materials, 2014, 26, 5731-5731.	11.1	0
524	Hydrogen Bonding-Controlled Photoinduced Electron and Energy Transfer. Lecture Notes in Quantum Chemistry II, 2015, , 1-42.	0.3	0
525	Rücktitelbild: Controllable Synthesis of Ultrathin Transition-Metal Hydroxide Nanosheets and their Extended Composite Nanostructures for Enhanced Catalytic Activity in the Heck Reaction (Angew. Chem. 131/2019). Angewandte Chemie - International Edition, 2019, 58, 11078-11083.	10.784314	0
526	Biosensing: A Hydrogen-Bonded-Supramolecular-Polymer-Based Nanoprobe for Ratiometric Oxygen Sensing in Living Cells (Adv. Funct. Mater. 30/2016). Advanced Functional Materials, 2016, 26, 5580-5580.	7.8	0
527	Frontispiz: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag <sub>2</sub> S Quantum Dots from Silver Nanoparticles. Angewandte Chemie, 2016, 128, .	1.6	0
528	Frontispiece: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag <sub>2</sub> S Quantum Dots from Silver Nanoparticles. Angewandte Chemie - International Edition, 2016, 55, .	7.2	0
529	Special Issue Dedicated to the Memory of Professor Enze Min. Chinese Journal of Chemistry, 2017, 35, 519-519.	2.6	0
530	Innentitelbild: Core Modulation of Zn-Nuclei Core-Shell Silver Nanoclusters (Angew. Chem. 19/2019). Angewandte Chemie, 2019, 131, 6168-6168.	1.6	0
531	Innentitelbild: Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule (Angew. Chem. 25/2020). Angewandte Chemie, 2020, 132, 9870-9870.	1.6	0
532	Crystalline Neutral Diboron Analogues of Cyclopropanes. Angewandte Chemie, 0, , .	1.6	0