

Chen-Ho Tung

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504
papers

26,608
citations

83
h-index

143
g-index

549
ext. papers

31,851
ext. citations

9.9
avg, IF

7.54
L-index

#	Paper	IF	Citations
504	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	24	951
503	Design strategies of fluorescent probes for selective detection among biothiols. <i>Chemical Society Reviews</i> , 2015 , 44, 6143-60	58.5	587
502	Nitrogen-Doped Porous Carbon Nanosheets Templated from g-C ₃ N ₄ as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2016 , 28, 5080-6	24	573
501	Well-Dispersed ZIF-Derived Co,N-Co-doped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts. <i>Advanced Materials</i> , 2016 , 28, 1668-74	24	558
500	Ni ₃ FeN Nanoparticles Derived from Ultrathin NiFe-Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst. <i>Advanced Energy Materials</i> , 2016 , 6, 1502585	21.8	522
499	Carbon quantum dots/TiO ₂ composites for efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3344	13	510
498	Smart Utilization of Carbon Dots in Semiconductor Photocatalysis. <i>Advanced Materials</i> , 2016 , 28, 9454-9477	24	483
497	Tuning Oxygen Vacancies in Ultrathin TiO Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. <i>Advanced Materials</i> , 2019 , 31, e1806482	24	452
496	Ultrafine NiO Nanosheets Stabilized by TiO ₂ from Monolayer NiTi-LDH Precursors: An Active Water Oxidation Electrocatalyst. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6517-24	16.4	452
495	Defect-Rich Ultrathin ZnAl-Layered Double Hydroxide Nanosheets for Efficient Photoreduction of CO ₂ to CO with Water. <i>Advanced Materials</i> , 2015 , 27, 7824-31	24	445
494	Layered-Double-Hydroxide Nanosheets as Efficient Visible-Light-Driven Photocatalysts for Dinitrogen Fixation. <i>Advanced Materials</i> , 2017 , 29, 1703828	24	342
493	Enhanced Driving Force and Charge Separation Efficiency of Protonated g-C ₃ N ₄ for Photocatalytic O ₂ Evolution. <i>ACS Catalysis</i> , 2015 , 5, 6973-6979	13.1	333
492	Biological Applications of Supramolecular Assemblies Designed for Excitation Energy Transfer. <i>Chemical Reviews</i> , 2015 , 115, 7502-42	68.1	307
491	Layered Double Hydroxide Nanostructured Photocatalysts for Renewable Energy Production. <i>Advanced Energy Materials</i> , 2016 , 6, 1501974	21.8	289
490	NiFe Layered Double Hydroxide Nanoparticles on Co,N-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1700467	21.8	280
489	Photoelectrochemically Active and Environmentally Stable CsPbBr ₃ /TiO ₂ Core/Shell Nanocrystals. <i>Advanced Functional Materials</i> , 2018 , 28, 1704288	15.6	280
488	Self-Assembled Au/CdSe Nanocrystal Clusters for Plasmon-Mediated Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2017 , 29, 1700803	24	258

487	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, 3954-7	16.4	257
486	Two-dimensional-related catalytic materials for solar-driven conversion of CO into valuable chemical feedstocks. <i>Chemical Society Reviews</i> , 2019 , 48, 1972-2010	58.5	233
485	Reactivity and mechanistic insight into visible-light-induced aerobic cross-dehydrogenative coupling reaction by organophotocatalysts. <i>Chemistry - A European Journal</i> , 2012 , 18, 620-7	4.8	232
484	A superior fluorescent sensor for Al ³⁺ and UO ₂ ²⁺ 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	13	221
483	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, 3440-1	16.4	213
482	A cascade cross-coupling hydrogen evolution reaction by visible light catalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19052-5	16.4	211
481	Semiconducting quantum dots for artificial photosynthesis. <i>Nature Reviews Chemistry</i> , 2018 , 2, 160-173	34.6	209
480	Alumina-Supported CoFe Alloy Catalysts Derived from Layered-Double-Hydroxide Nanosheets for Efficient Photothermal CO Hydrogenation to Hydrocarbons. <i>Advanced Materials</i> , 2018 , 30, 1704663	24	208
479	Enhancement of the efficiency of photocatalytic reduction of protons to hydrogen via molecular assembly. <i>Accounts of Chemical Research</i> , 2014 , 47, 2177-85	24.3	202
478	Photocatalytic Hydrogen-Evolution Cross-Couplings: Benzene C-H Amination and Hydroxylation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10080-3	16.4	198
477	CdS Nanoparticle-Decorated Cd Nanosheets for Efficient Visible Light-Driven Photocatalytic Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2016 , 6, 1501241	21.8	193
476	Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. <i>Advanced Energy Materials</i> , 2018 , 8, 1703585	21.8	190
475	Supramolecular systems as microreactors: control of product selectivity in organic phototransformation. <i>Accounts of Chemical Research</i> , 2003 , 36, 39-47	24.3	183
474	Long-lived emission from platinum(II) terpyridyl acetylides. <i>Inorganic Chemistry</i> , 2002 , 41, 5653-5	16.4	182
473	From Solar Energy to Fuels: Recent Advances in Light-Driven C Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17528-17551	16.4	181
472	Semiconductor Quantum Dots: An Emerging Candidate for CO Photoreduction. <i>Advanced Materials</i> , 2019 , 31, e1900709	24	177
471	Photoresponsive hydrogen-bonded supramolecular polymers based on a stiff stilbene unit. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9738-42	16.4	177
470	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	16.4	163

469	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	16.4	161
468	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	13.1	160
467	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, 2085-9	16.4	159
466	Oxide-Modified Nickel Photocatalysts for the Production of Hydrocarbons in Visible Light. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4215-9	16.4	157
465	Copper(I)-Catalyzed Interrupted Click Reaction: Synthesis of Diverse 5-Hetero-Functionalized Triazoles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 649-53	16.4	153
464	Template-free large-scale synthesis of g-C ₃ N ₄ microtubes for enhanced visible light-driven photocatalytic H ₂ production. <i>Nano Research</i> , 2018 , 11, 3462-3468	10	149
463	Facile synthesis of hierarchical ZnIn ₂ S ₄ submicrospheres composed of ultrathin mesoporous nanosheets as a highly efficient visible-light-driven photocatalyst for H ₂ production. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4552	13	149
462	Chitosan confinement enhances hydrogen photogeneration from a mimic of the diiron subsite of [FeFe]-hydrogenase. <i>Nature Communications</i> , 2013 , 4, 2695	17.4	144
461	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	7.1	144
460	Assembly of silver Trigons into a buckyball-like Ag nanocage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12132-12137	11.5	143
459	Highly efficient and selective photocatalytic hydrogenation of functionalized nitrobenzenes. <i>Green Chemistry</i> , 2014 , 16, 1082-1086	10	140
458	BODIPY-based fluorometric sensor for the simultaneous determination of Cys, Hcy, and GSH in human serum. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5907-14	9.5	137
457	Cross-coupling hydrogen evolution reaction in homogeneous solution without noble metals. <i>Organic Letters</i> , 2014 , 16, 1988-91	6.2	132
456	Anisotropic Assembly of Ag and Ag Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1600-1603	16.4	130
455	Photocatalytic Activation of Less Reactive Bonds and Their Functionalization via Hydrogen-Evolution Cross-Couplings. <i>Accounts of Chemical Research</i> , 2018 , 51, 2512-2523	24.3	127
454	Visible Light Catalysis Assisted Site-Specific Functionalization of Amino Acid Derivatives by C≡C Bond Activation without Oxidant: Cross-Coupling Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2015 , 5, 2391-2396	13.1	126
453	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, 6443-50	4.8	126
452	A luminescent chemosensor with specific response for Mg ²⁺ . <i>Inorganic Chemistry</i> , 2004 , 43, 5195-7	5.1	122

451	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	16.4	121
450	Graphene-Supported Ultrafine Metal Nanoparticles Encapsulated by Mesoporous Silica: Robust Catalysts for Oxidation and Reduction Reactions. <i>Angewandte Chemie</i> , 2014 , 126, 254-258	3.6	118
449	Graphdiyne: A Promising Catalyst Support To Stabilize Cobalt Nanoparticles for Oxygen Evolution. <i>ACS Catalysis</i> , 2017 , 7, 5209-5213	13.1	116
448	An exceptional artificial photocatalyst, Ni ₂ -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, 6613-8	24	116
447	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	10	115
446	Artificial light-harvesting system based on multifunctional surface-cross-linked micelles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2088-92	16.4	115
445	Light-Harvesting Systems Based on Organic Nanocrystals To Mimic Chlorosomes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2759-63	16.4	115
444	Water-Soluble Pentagonal-Prismatic Titanium-Oxo Clusters. <i>Journal of the American Chemical Society</i> , 2016 , 138, 11097-100	16.4	112
443	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	35.4	111
442	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	16.4	110
441	Dual gold and photoredox catalysis: visible light-mediated intermolecular atom transfer thiosulfonylation of alkenes. <i>Chemical Science</i> , 2017 , 8, 2610-2615	9.4	110
440	Cobalt-catalyzed cross-dehydrogenative coupling reaction in water by visible light. <i>Organic Letters</i> , 2015 , 17, 884-7	6.2	110
439	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, 8717-22	11.5	110
438	Interface-directed assembly of a simple precursor of [FeFe]-H ₂ ase mimics on CdSe QDs for photosynthetic hydrogen evolution in water. <i>Energy and Environmental Science</i> , 2013 , 6, 2597	35.4	108
437	Spontaneous organization of inorganic nanoparticles into nanovesicles triggered by UV light. <i>Advanced Materials</i> , 2014 , 26, 5613-8	24	104
436	Efficient and Selective CO ₂ Reduction Integrated with Organic Synthesis by Solar Energy. <i>Chem</i> , 2019 , 5, 2605-2616	16.2	102
435	[Ag(C ₆₀ Bu)(CrO)]: An Atomically Precise Silver Nanocluster Co-protected by Inorganic and Organic Ligands. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4460-4467	16.4	101
434	Visible-light induced oxidant-free oxidative cross-coupling for constructing allylic sulfones from olefins and sulfinic acids. <i>Chemical Communications</i> , 2016 , 52, 10407-10	5.8	100

433	Trapping an octahedral Ag kernel in a seven-fold symmetric Ag nanowheel. <i>Nature Communications</i> , 2018 , 9, 2094	17.4	100
432	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, 1231-9	4.8	97
431	Beyond Clusters: Supramolecular Networks Self-Assembled from Nanosized Silver Clusters and Inorganic Anions. <i>Chemistry - A European Journal</i> , 2016 , 22, 6830-6	4.8	95
430	Regioselective synthesis of multisubstituted 1,2,3-triazoles: moving beyond the copper-catalyzed azide-alkyne cycloaddition. <i>Chemical Communications</i> , 2016 , 52, 14188-14199	5.8	94
429	Solvent-Controlled Phase Transition of a Co -Organic Framework: From Achiral to Chiral and Two to Three Dimensions. <i>Chemistry - A European Journal</i> , 2017 , 23, 7990-7996	4.8	93
428	Co-Based Catalysts Derived from Layered-Double-Hydroxide Nanosheets for the Photothermal Production of Light Olefins. <i>Advanced Materials</i> , 2018 , 30, e1800527	24	92
427	Water-dispersible nanospheres of hydrogen-bonded supramolecular polymers and their application for mimicking light-harvesting systems. <i>Chemical Communications</i> , 2014 , 50, 1334-7	5.8	92
426	Different Silver Nanoparticles in One Crystal: Ag (PrPhS) (Ph P) Cl and Ag (PrPhS) (Ph P) Cl. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 195-199	16.4	91
425	Gold carbene chemistry from diazo compounds. <i>Science Bulletin</i> , 2015 , 60, 1479-1492	10.6	90
424	A near-infrared fluorescent sensor for selective detection of cysteine and its application in live cell imaging. <i>RSC Advances</i> , 2014 , 4, 8360	3.7	90
423	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	16.4	84
422	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, 2167-70	16.4	83
421	Efficient Photocatalytic Nitrogen Fixation over Cu ^{II} -Modified Defective ZnAl-Layered Double Hydroxide Nanosheets. <i>Advanced Energy Materials</i> , 2020 , 10, 1901973	21.8	82
420	Core-Shell {Mn ^{II} (Mn,Cd)} Assembled from Core {Mn} Disc. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14033-14036	16.4	82
419	Three-Dimensional Graphene Networks with Abundant Sharp Edge Sites for Efficient Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 192-197	16.4	82
418	An Oxidant-Free Strategy for Indole Synthesis via Intramolecular C ^α -C ^β Bond Construction under Visible Light Irradiation: Cross-Coupling Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2016 , 6, 4635-4639	13.1	81
417	Activation of C-H Bonds through Oxidant-Free Photoredox Catalysis: Cross-Coupling Hydrogen-Evolution Transformation of Isochromans and β -Keto Esters. <i>Chemistry - A European Journal</i> , 2015 , 21, 18080-4	4.8	80
416	Supramolecular Polymeric Fluorescent Nanoparticles Based on Quadruple Hydrogen Bonds. <i>Advanced Functional Materials</i> , 2016 , 26, 5483-5489	15.6	79

415	Deciphering synergetic core-shell transformation from [MoO@Ag] to [MoO@Ag]. <i>Nature Communications</i> , 2018 , 9, 4407	17.4	77
414	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	35.4	76
413	Combining Visible Light Catalysis and Transition Metal Catalysis for the Alkylation of Secondary Amines. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2158-2164	5.6	74
412	Improved Photoelectrocatalytic Performance for Water Oxidation by Earth-Abundant Cobalt Molecular Porphyrin Complex-Integrated BiVO ₄ Photoanode. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 18577-83	9.5	72
411	Naked Magnetically Recyclable Mesoporous Au@Fe ₂ O ₃ Nanocrystal Clusters: A Highly Integrated Catalyst System. <i>Advanced Functional Materials</i> , 2017 , 27, 1606215	15.6	71
410	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	24	70
409	Versatile photosensitization system for 1O ₂ -mediated oxidation of alkenes based on nafion-supported platinum(II) terpyridyl acetylidyne complex. <i>Organic Letters</i> , 2003 , 5, 3221-4	6.2	70
408	Synthesis of Oligoparaphenylene-Derived Nano hoops Employing an Anthracene Photodimerization-Cycloreversion Strategy. <i>Journal of the American Chemical Society</i> , 2016 , 138, 11144-7	16.4	69
407	Metallic Co ₂ C: A Promising Co-catalyst To Boost Photocatalytic Hydrogen Evolution of Colloidal Quantum Dots. <i>ACS Catalysis</i> , 2018 , 8, 5890-5895	13.1	69
406	Superhydrophilic Graphdiyne Accelerates Interfacial Mass/Electron Transportation to Boost Electrocatalytic and Photoelectrocatalytic Water Oxidation Activity. <i>Advanced Functional Materials</i> , 2019 , 29, 1808079	15.6	68
405	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, 2860-3	6.2	67
404	Aggregation behavior of a chiral long-chain ionic liquid in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2010 , 343, 94-101	9.3	67
403	Visible light catalysis-assisted assembly of Ni(h)-QD hollow nanospheres in situ via hydrogen bubbles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8261-8	16.4	65
402	Graphdiyne for crucial gas involved catalytic reactions in energy conversion applications. <i>Energy and Environmental Science</i> , 2020 , 13, 1326-1346	35.4	65
401	Quantum Dot Assembly for Light-Driven Multielectron Redox Reactions, such as Hydrogen Evolution and CO Reduction. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10804-10811	16.4	64
400	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	13	63
399	Iron-Catalyzed 1,2-Selective Hydroboration of N-Heteroarenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17775-17778	16.4	63
398	Reverse saturable absorption of platinum ter/bipyridyl polyphenylacetylidyne complexes. <i>Applied Physics Letters</i> , 2003 , 82, 850-852	3.4	63

- 397 Shape-controlled synthesis of polyhedral 50-facet Cu₂O microcrystals with high-index facets. *CrystEngComm*, **2012**, 14, 4431 3.3 62
- 396 Synthesis of Spiroketal by Synergistic Gold and Scandium Catalysis. *Organic Letters*, **2017**, 19, 2526-2528. 6.2 61
- 395 BODIPY-based fluorescent probe for the simultaneous detection of glutathione and cysteine/homocysteine at different excitation wavelengths. *RSC Advances*, **2015**, 5, 3959-3964 3.7 61
- 394 Gold-doped silver nanocluster [AuAg(SCHPh)_X] (X = Cl or Br). *Nanoscale*, **2016**, 8, 18905-18911 7.7 61
- 393 Exploring the Reducing Ability of Organic Dye (Acr-Mes) for Fluorination and Oxidation of Benzylic C(sp³)-H Bonds under Visible Light Irradiation. *Organic Letters*, **2017**, 19, 3009-3012 6.2 60
- 392 Copper(I)-Catalyzed Three-Component Click/Alkynylation: One-Pot Synthesis of 5-Alkynyl-1,2,3-triazoles. *Organic Letters*, **2016**, 18, 4158-61 6.2 60
- 391 Atom Transfer Radical Addition to Alkynes and Enynes: A Versatile Gold/Photoredox Approach to Thio-Functionalized Vinylsulfones. *ACS Catalysis*, **2018**, 8, 8237-8243 13.1 60
- 390 A Hydrogen-Bonded-Supramolecular-Polymer-Based Nanoprobe for Ratiometric Oxygen Sensing in Living Cells. *Advanced Functional Materials*, **2016**, 26, 5419-5425 15.6 60
- 389 Diphosphine-protected ultrasmall gold nanoclusters: opened icosahedral Au and heart-shaped Au clusters. *Chemical Science*, **2018**, 9, 1251-1258 9.4 60
- 388 Anion-templated nanosized silver clusters protected by mixed thiolate and diphosphine. *Nanoscale*, **2017**, 9, 3601-3608 7.7 58
- 387 Switch of the Lowest Excited-States of Terpyridylplatinum(II) Acetylide Complexes Bearing Amino or Azacrown Moieties by Proton and Cations. *European Journal of Inorganic Chemistry*, **2004**, 2004, 1948-1954 13.5 58
- 386 BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. *Angewandte Chemie - International Edition*, **2020**, 59, 10059-10065 16.4 57
- 385 Two Unprecedented POM-Based Inorganic-Organic Hybrids with Concomitant Heteropolytungstate and Molybdate. *Inorganic Chemistry*, **2017**, 56, 2481-2489 5.1 56
- 384 A Water-Stable Cl@Ag Cluster Based Metal-Organic Open Framework for Dichromate Trapping and Bacterial Inhibition. *Inorganic Chemistry*, **2017**, 56, 11891-11899 5.1 56
- 383 A Bio-inspired Cu O Cubane: Effective Molecular Catalysts for Electrocatalytic Water Oxidation in Aqueous Solution. *Angewandte Chemie - International Edition*, **2018**, 57, 7850-7854 16.4 55
- 382 Reversible multistimuli-responsive vesicles formed by an amphiphilic cationic platinum(II) terpyridyl complex with a ferrocene unit in water. *Chemical Communications*, **2012**, 48, 10886-8 5.8 54
- 381 Electron transfer and hydrogen generation from a molecular dyad: platinum(II) alkynyl complex anchored to [FeFe] hydrogenase subsite mimic. *Dalton Transactions*, **2012**, 41, 2420-6 4.3 53
- 380 Semiconductor nanocrystals for small molecule activation via artificial photosynthesis. *Chemical Society Reviews*, **2020**, 49, 9028-9056 58.5 53

379	Chalcogens-Induced AgZ@Ag (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	16.4	52
378	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, 491-4	4.2	52
377	Photocatalysis with Quantum Dots and Visible Light for Effective Organic Synthesis. <i>Chemistry - A European Journal</i> , 2018 , 24, 11530-11534	4.8	51
376	Visible Light Initiated Hantzsch Synthesis of 2,5-Diaryl-Substituted Pyrroles at Ambient Conditions. <i>Organic Letters</i> , 2016 , 18, 2479-82	6.2	51
375	Titanium-Oxide Host Clusters with Exchangeable Guests. <i>Journal of the American Chemical Society</i> , 2018 , 140, 66-69	16.4	51
374	An isolable catenane consisting of two Möbius conjugated nanohoops. <i>Nature Communications</i> , 2018 , 9, 3037	17.4	50
373	A triad [FeFe] hydrogenase system for light-driven hydrogen evolution. <i>Chemical Communications</i> , 2011 , 47, 8406-8	5.8	50
372	Comparison of H ₂ photogeneration by [FeFe]-hydrogenase mimics with CdSe QDs and Ru(bpy) ₃ Cl ₂ in aqueous solution. <i>Energy and Environmental Science</i> , 2016 , 9, 2083-2089	35.4	50
371	Recent Advances in Sensitized Photocathodes: From Molecular Dyes to Semiconducting Quantum Dots. <i>Advanced Science</i> , 2018 , 5, 1700684	13.6	49
370	Gold/Lewis Acid Catalyzed Cycloisomerization/Diastereoselective [3 + 2] Cycloaddition Cascade: Synthesis of Diverse Nitrogen-Containing Spiro Heterocycles. <i>Organic Letters</i> , 2016 , 18, 4614-7	6.2	49
369	FeO _x /TeO ₂ nanocomposites: an efficient and highly selective catalyst system for photothermal CO ₂ reduction to CO. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	48
368	Silica-Protected Ultrathin Ni ₃ FeN Nanocatalyst for the Efficient Hydrolytic Dehydrogenation of NH ₃ BH ₃ . <i>Advanced Energy Materials</i> , 2018 , 8, 1702780	21.8	48
367	Oxidative Cyclization Synthesis of Tetrahydroquinolines and Reductive Hydrogenation of Maleimides under Redox-Neutral Conditions. <i>Organic Letters</i> , 2018 , 20, 2916-2920	6.2	48
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