

Chen-Ho Tung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Site-Selective N-1 and C-3 Heteroarylation of Indole with Heteroarylnitriles by Organocatalysis under Visible Light.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
503	Unraveling the reactivity of a cationic iminoborane: avenues to unusual boron cations.. <i>Chemical Science</i> , 2022 , 13, 2303-2309	9.4	0
502	Nuclearity enlargement from [PWO@Ag] to [(PWO)@Ag] and 2D and 3D network formation driven by bipyridines.. <i>Nature Communications</i> , 2022 , 13, 1802	17.4	2
501	Keggin-Type Tridecanuclear Europium-Oxo Nanocluster Protected by Silsesquioxanes. <i>Chemistry of Materials</i> , 2022 , 34, 4186-4194	9.6	3
500	Semi-artificial photoelectrochemical synthesis. <i>Joule</i> , 2021 , 5, 2771-2773	27.8	2
499	Thermally Hypsochromic or Bathochromic Emissions? The Silver Nuclei Does Matter. <i>Small</i> , 2021 , e2104524	5.24	0
498	Observation of a bcc-like framework in polyhydrido copper nanoclusters. <i>Nanoscale</i> , 2021 , 13, 19642-19649	6.49	3
497	Adsorptive separation of cyclohexanol and cyclohexanone by nonporous adaptive crystals of RhombicArene.. <i>Chemical Science</i> , 2021 , 12, 15528-15532	9.4	1
496	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	6.2	3
495	Rational Design of Dot-on-Rod Nano-Heterostructure for Photocatalytic CO Reduction: Pivotal Role of Hole Transfer and Utilization. <i>Advanced Materials</i> , 2021 , e2106662	24	6
494	Iron-Catalyzed Regiodivergent Hydrostannation of Alkynes: Intermediacy of Fe(IV)-H versus Fe(II)-Vinylidene. <i>Journal of the American Chemical Society</i> , 2021 , 143, 409-419	16.4	5
493	Direct Allylic C(sp ³)-H and Vinylic C(sp ²)-H Thiolation with Hydrogen Evolution by Quantum Dots and Visible Light. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11779-11783	16.4	13
492	Precise Implantation of an Archimedean Ag@Cu Cuboctahedron into a Platonic CuBis(diphenylphosphino)hexane Tetrahedron. <i>ACS Nano</i> , 2021 , 15, 8733-8741	16.7	11
491	Modular Synthesis of Quaternary Chiral β -Lactams by a Synergistic Copper/Palladium-Catalyzed Multicomponent Reaction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13814-13818	16.4	11
490	Facile Access to Alkylideneborane and Diborabutadiene N-Heterocyclic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 8432-8436	5.1	1
489	Quantum dots enable direct alkylation and arylation of allylic C(sp ³)-H bonds with hydrogen evolution by solar energy. <i>Chem</i> , 2021 , 7, 1244-1257	16.2	17
488	Insertion of BH ₃ into a Cobalt-Aryl Bond: Synthetic Routes to Arylborohydride and Borane-Amino Hydride Complexes. <i>Organometallics</i> , 2021 , 40, 1692-1698	3.8	0

487	A 34-Electron Superatom Ag Cluster with Regioselective Ternary Ligands Shells and Its 2D Rhombic Superlattice Assembly. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4231-4237	16.4	27
486	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	14.7	8
485	Hyrido-coinage-metal clusters: Rational design, synthetic protocols and structural characteristics. <i>Coordination Chemistry Reviews</i> , 2021 , 427, 213576	23.2	41
484	Silica-supported dual-dye nanoprobe for ratiometric hypoxia sensing. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 458-464	7.8	1
483	Nitrogenase inspired artificial photosynthetic nitrogen fixation. <i>Chem</i> , 2021 , 7, 1431-1450	16.2	5
482	Copper(I)-Catalyzed Asymmetric Interrupted Kinugasa Reaction: Synthesis of β -Thiofunctional Chiral β -Lactams. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4561-4565	16.4	26
481	Per-6-Thiol-Cyclodextrin Engineered [FeFe]-Hydrogenase Mimic/CdSe Quantum Dot Assembly for Photocatalytic Hydrogen Production. <i>Solar Rrl</i> , 2021 , 5, 2000474	7.1	3
480	Site-selective DO-mediated deuteration of diaryl alcohols via quantum dots photocatalysis. <i>Chemical Communications</i> , 2021 , 57, 6768-6771	5.8	3
479	Dehydrogenation of iron amido-borane and resaturation of the imino-borane complex. <i>Chemical Science</i> , 2021 , 12, 2885-2889	9.4	3
478	Incorporation of HO and CO into a BN-embedded 3-3-acephenanthrylene derivative. <i>Chemical Communications</i> , 2021 , 57, 1226-1229	5.8	0
477	Tandem [2 + 2] Cycloaddition/Rearrangement toward Carbazoles by Visible-Light Photocatalysis. <i>Organic Letters</i> , 2021 , 23, 2135-2139	6.2	3
476	Tandem photoelectrochemical and photoredox catalysis for efficient and selective aryl halides functionalization by solar energy. <i>Matter</i> , 2021 , 4, 2354-2366	12.7	6
475	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	6.2	2
474	Boraiminolithium: An Iminoborane-Transfer Reagent. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13483-13488	16.4	1
473	Keplerate Ag Cluster with 6 Silver and 14 Chalcogenide Octahedral and Tetrahedral Shells. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13235-13244	16.4	3
472	Revealing the chirality origin and homochirality crystallization of Ag nanocluster at the molecular level. <i>Nature Communications</i> , 2021 , 12, 4966	17.4	12
471	Anionic passivation layer-assisted trapping of an icosahedral Ag ₁₃ kernel in a truncated tetrahedral Ag ₈₉ nanocluster. <i>Science China Chemistry</i> , 2021 , 64, 1482-1486	7.9	5
470	Direct, Site-Selective and Redox-Neutral β -C-H Bond Functionalization of Tetrahydrofurans via Quantum Dots Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	7

469	Assembly of Interlocked Superstructures with a Titanium Oxide Molecular Ring in Water. <i>Inorganic Chemistry</i> , 2021 , 60, 14520-14524	5.1	0
468	Direct 1,2-Dicarbonylation of Alkenes towards 1,4-Diketones via Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26822-26828	16.4	7
467	A Carbonate-Templated Decanuclear Mn Nanocage with Two Different Silsesquioxane Ligands. <i>Inorganic Chemistry</i> , 2021 , 60, 14866-14871	5.1	4
466	Toward Controlled Syntheses of Diphosphine-Protected Homochiral Gold Nanoclusters through Precursor Engineering. <i>ACS Nano</i> , 2021 , 15, 16019-16029	16.7	9
465	Mechanistic Insights Into Iron(II) Bis(pyridyl)amine-Bipyridine Skeleton for Selective CO Photoreduction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26072-26079	16.4	4
464	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	7.3	1
463	An advanced plasmonic photocatalyst containing silver(0) single atoms for selective borylation of aryl iodides. <i>Applied Catalysis B: Environmental</i> , 2021 , 299, 120674	21.8	3
462	N-Iodosuccinimide and dioxygen in an air-enabled synthesis of 10-phenanthrenols under sunlight. <i>Green Chemistry</i> , 2021 , 23, 7193-7198	10	3
461	A 34-Electron Superatom Ag ₇₈ Cluster with Regioselective Ternary Ligands Shells and Its 2D Rhombic Superlattice Assembly. <i>Angewandte Chemie</i> , 2021 , 133, 4277-4283	3.6	6
460	Janus Cluster: Asymmetric Coverage of a Ag ₄₃ Cluster on the Symmetric Preyssler P ₅ W ₃₀ Polyoxometalate. <i>Chemistry of Materials</i> , 2021 , 33, 9708-9714	9.6	3
459	Structural rearrangement of Ag nanocluster endowing different luminescence performances.. <i>Journal of Chemical Physics</i> , 2021 , 155, 234303	3.9	0
458	Photoredox/Cobalt-Catalyzed C(sp)-H Bond Functionalization toward Phenanthrene Skeletons with Hydrogen Evolution. <i>Organic Letters</i> , 2020 , 22, 9627-9632	6.2	11
457	Mesoporous Silica-Coated Gold Nanorods with Designable Anchor Peptides for Chemo-Photothermal Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2020 , 3, 5070-5078	5.6	20
456	Visible Light-Catalyzed Benzylic C-H Bond Chlorination by a Combination of Organic Dye (Acr-Mes) and -Chlorosuccinimide. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9080-9087	4.2	24
455	Innenteilbild: Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule (Angew. Chem. 25/2020). <i>Angewandte Chemie</i> , 2020 , 132, 9870-9870	3.6	
454	BNN-1,3-dipoles: isolation and intramolecular cycloaddition with unactivated arenes. <i>Chemical Science</i> , 2020 , 11, 7053-7059	9.4	7
453	Flower-like cobalt carbide for efficient carbon dioxide conversion. <i>Chemical Communications</i> , 2020 , 56, 7849-7852	5.8	14
452	Amphiphilic Oxo-Bridged Ruthenium "Green Dimer" for Water Oxidation. <i>IScience</i> , 2020 , 23, 100969	6.1	8

451	Kinetically Controlled Radical Addition/Elimination Cascade: From Alkynyl Aziridine to Fluorinated Allenes. <i>Organic Letters</i> , 2020 , 22, 2419-2424	6.2	7
450	Polymorphism in Atomically Precise Cu Nanocluster Incorporating Tetrahedral [Cu] Kernel. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5834-5841	16.4	41
449	Controlled partial transfer hydrogenation of quinolines by cobalt-amido cooperative catalysis. <i>Nature Communications</i> , 2020 , 11, 1249	17.4	20
448	Cobaloxime Catalysis for Enamine Phosphorylation with Hydrogen Evolution. <i>Organic Letters</i> , 2020 , 22, 5385-5389	6.2	8
447	Site- and Spatial-Selective Integration of Non-noble Metal Ions into Quantum Dots for Robust Hydrogen Photogeneration. <i>Matter</i> , 2020 , 3, 571-585	12.7	20
446	A Keplerian Ag nest of Platonic and Archimedean polyhedra in different symmetry groups. <i>Nature Communications</i> , 2020 , 11, 3316	17.4	32
445	Iron-cobalt-catalyzed heterotrimerization of alkynes and nitriles to polyfunctionalized pyridines. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2196-2201	5.2	10
444	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	16.4	27
443	A Polyoxochromate Templated 56-Nuclei Silver Nanocluster. <i>Inorganic Chemistry</i> , 2020 , 59, 3004-3011	5.1	11
442	Structural Diversity of Copper(I) Cluster-Based Coordination Polymers with Pyrazine-2-thiol Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 2680-2688	5.1	26
441	Pure Organic Room Temperature Phosphorescence from Unique Micelle-Assisted Assembly of Nanocrystals in Water. <i>Advanced Functional Materials</i> , 2020 , 30, 1907282	15.6	41
440	Borylation of Diazonium Salts by Highly Emissive and Crystalline Carbon Dots in Water. <i>ChemSusChem</i> , 2020 , 13, 1715-1719	8.3	10
439	A hierarchically assembled 88-nuclei silver-thiacalix[4]arene nanocluster. <i>Nature Communications</i> , 2020 , 11, 308	17.4	37
438	ZnCl ₂ Enabled Synthesis of Highly Crystalline and Emissive Carbon Dots with Exceptional Capability to Generate O ₂ . <i>Matter</i> , 2020 , 2, 495-506	12.7	28
437	FeO _x @eO 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
436	Photoredox Catalysis of Aromatic α -Ketoesters for in Situ Production of Transient and Persistent Radicals for Organic Transformation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5365-5370	16.4	18
435	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
434	Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule. <i>Angewandte Chemie</i> , 2020 , 132, 10259-10264	3.6	4

433	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	4.9	15
432	Thiol Activation toward Selective Thiolation of Aromatic C-H Bond. <i>Organic Letters</i> , 2020 , 22, 3804-3809	6.2	15
431	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	5.1	20
430	Effects of organic ammonium cations on the isolation of {Ti} cyclic clusters from water: an O NMR study. <i>Dalton Transactions</i> , 2020 , 49, 5957-5964	4.3	3
429	Cobalt-catalyzed regioselective hydrohydrazination of epoxides. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 1572-1576	3.9	
428	Photoredox Oxo-C(sp)-H Bond Functionalization via in Situ Cu(I)-Acetylide Catalysis. <i>Organic Letters</i> , 2020 , 22, 832-836	6.2	10
427	Temperature-induced Sn(II) supramolecular isomeric frameworks as promising heterogeneous catalysts for cyanosilylation of aldehydes. <i>Science China Chemistry</i> , 2020 , 63, 182-186	7.9	27
426	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	3.4	3
425	Asymmetric Synthesis of a Fused Tricyclic Hydronaphthofuran Scaffold by Desymmetric [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2220-2224	16.4	22
424	Graphdiyne for crucial gas involved catalytic reactions in energy conversion applications. <i>Energy and Environmental Science</i> , 2020 , 13, 1326-1346	35.4	65
423	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10059-10065	16.4	57
422	A novel 58-nuclei silver nanowheel encapsulating a subvalent Ag ₆₄ ⁺ kernel. <i>Science China Chemistry</i> , 2020 , 63, 16-20	7.9	15
421	Binding Modes of Salicylic Acids to Titanium Oxide Molecular Surfaces. <i>Chemistry - A European Journal</i> , 2020 , 26, 2666-2674	4.8	10
420	Iron-Catalyzed Reductive Coupling of Nitroarenes with Olefins: Intermediate of Iron-Nitroso Complex. <i>ACS Catalysis</i> , 2020 , 10, 276-281	13.1	28
419	Cooperative Molybdenum-Thiolate Reactivity for Transfer Hydrogenation of Nitriles. <i>ACS Catalysis</i> , 2020 , 10, 380-390	13.1	20
418	Self-assembly of a nonanuclear Ni cluster via atmospheric CO fixation: synthesis, structure, collision-induced dissociation mass spectrometry and magnetic property. <i>Dalton Transactions</i> , 2020 , 49, 10977-10982	4.3	4
417	Identifying a Real Catalyst of [NiFe]-Hydrogenase Mimic for Exceptional H ₂ Photogeneration. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18400-18404	16.4	6
416	Ambient Chemical Fixation of CO ₂ Using a Robust Ag ₂₇ Cluster-Based Two-Dimensional Metal-Organic Framework. <i>Angewandte Chemie</i> , 2020 , 132, 20206-20211	3.6	3

4 ¹⁵	Ambient Chemical Fixation of CO Using a Robust Ag Cluster-Based Two-Dimensional Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20031-20036	16.4	44
4 ¹⁴	S-Trifluoroethyl Benzenesulfonylthioate: A Bench-Stable Reagent for Electrophilic Trifluoroethylthiolation. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1625-1628	4.9	4
4 ¹³	Bioinspired metal complexes for energy-related photocatalytic small molecule transformation. <i>Chemical Communications</i> , 2020 , 56, 15496-15512	5.8	3
4 ¹²	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23456-23460	16.4	26
4 ¹¹	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie</i> , 2020 , 132, 23662-23666	3.6	5
4 ¹⁰	Semiconductor nanocrystals for small molecule activation via artificial photosynthesis. <i>Chemical Society Reviews</i> , 2020 , 49, 9028-9056	58.5	53
4 ⁰⁹	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	16.4	29
4 ⁰⁸	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	3.2	7
4 ⁰⁷	Synthesis, structure and magnetism of a novel Cu ₁₄ Ti ₁ V ₅ heterometallic cluster. <i>Chinese Chemical Letters</i> , 2020 , 31, 809-812	8.1	13
4 ⁰⁶	Surface-Enhanced Raman Scattering of Phenols and Catechols by a Molecular Analogue of Titanium Dioxide. <i>Analytical Chemistry</i> , 2020 , 92, 5929-5936	7.8	6
4 ⁰⁵	Multiple-State Emissions from Neat, Single-Component Molecular Solids: Suppression of Kasha's Rule. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10173-10178	16.4	16
4 ⁰⁴	Sequential Transformation of Terminal Alkynes to 1,3-Dienes by a Cooperative Cobalt Pyridonate Catalyst. <i>Organometallics</i> , 2019 , 38, 3752-3759	3.8	18
4 ⁰³	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	3.8	2
4 ⁰²	Unusual fcc-structured Ag kernels trapped in Ag nanoclusters. <i>Chemical Science</i> , 2019 , 10, 564-568	9.4	40
4 ⁰¹	Bimetallic nickel-cobalt hydrides in H ₂ activation and catalytic proton reduction. <i>Chemical Science</i> , 2019 , 10, 761-767	9.4	14
4 ⁰⁰	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
3 ⁹⁹	[Au(dppm)Cl]: a phosphine-protected gold nanocluster with rich charge states. <i>Dalton Transactions</i> , 2019 , 48, 3635-3640	4.3	24
3 ⁹⁸	Hydroalkynylation cyclization of 1,6-enynes with terminal alkynes. <i>Chemical Science</i> , 2019 , 10, 6863-6867	9.4	18

397	Photocatalytic hydrogen evolution of 1-tetralones to 1-naphthols by continuous-flow technology. <i>Catalysis Science and Technology</i> , 2019 , 9, 3337-3341	5.5	3
396	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	4.2	7
395	Involving Single-Atom Silver(0) in Selective Dehalogenation by AgF under Visible-Light Irradiation. <i>ACS Catalysis</i> , 2019 , 9, 6335-6341	13.1	26
394	Photocatalytic C-C Bond Activation of Oxime Ester for Acyl Radical Generation and Application. <i>Organic Letters</i> , 2019 , 21, 4153-4158	6.2	39
393	Enclosing classical polyoxometallates in silver nanoclusters. <i>Nanoscale</i> , 2019 , 11, 10927-10931	7.7	15
392	Core Modulation of 70-Nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie</i> , 2019 , 131, 6342-6345	3.6	14
391	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8443-8447	16.4	24
390	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie</i> , 2019 , 131, 8531	3.6	
389	Superhydrophilic Graphdiyne: Superhydrophilic Graphdiyne Accelerates Interfacial Mass/Electron Transportation to Boost Electrocatalytic and Photoelectrocatalytic Water Oxidation Activity (Adv. Funct. Mater. 16/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970107	15.6	
388	Ni ⁰ Cooperation versus Nickel(II) Hydride in Catalytic Hydroboration of N-Heteroarenes. <i>ACS Catalysis</i> , 2019 , 9, 3849-3857	13.1	31
387	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	5.1	41
386	Tunable amplified spontaneous emission based on liquid magnetically responsive photonic crystals. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3740-3743	7.1	1
385	Preparation of Porous TiO ₂ from an Iso-Polyoxotitanate Cluster for Rechargeable Sodium-Ion Batteries with High Performance. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 7025-7032	3.8	6
384	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
383	Von Sonnenlicht zu Brennstoffen: aktuelle Fortschritte der C1-Solarchemie. <i>Angewandte Chemie</i> , 2019 , 131, 17690-17715	3.6	20
382	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
381	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
380	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

379	Visible-Light-Induced Nanoparticle Assembly for Effective Hydrogen Photogeneration. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7286-7293	8.3	7
378	Carboxylic acid stimulated silver shell isomerism in a triple core-shell Ag nanocluster. <i>Chemical Science</i> , 2019 , 10, 4862-4867	9.4	38
377	Facile formation of CoN ₄ active sites onto a SiO ₂ support to achieve robust CO ₂ and proton reduction in a noble-metal-free photocatalytic system. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10475-10482	13.4	31
376	Scandium-catalyzed electrophilic alkene difunctionalization: regioselective synthesis of thiosulfone derivatives. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1663-1666	5.2	25
375	Innentitelbild: Core Modulation of 70-Nuclei Core-Shell Silver Nanoclusters (Angew. Chem. 19/2019). <i>Angewandte Chemie</i> , 2019 , 131, 6168-6168	3.6	
374	Gold/photoredox-cocatalyzed atom transfer thiosulfonylation of alkynes: Stereoselective synthesis of vinylsulfones. <i>Tetrahedron Letters</i> , 2019 , 60, 916-919	2	11
373	Core Modulation of 70-Nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6276-6279	16.4	42
372	Cobaloxime Catalysis: Selective Synthesis of Alkenylphosphine Oxides under Visible Light. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13941-13947	16.4	48
371	A Monophosphine Ligand Derived from Anthracene Photodimer: Synthetic Applications for Palladium-Catalyzed Coupling Reactions. <i>Organic Letters</i> , 2019 , 21, 8158-8163	6.2	12
370	Divergent synthesis of chiral cyclic azides via asymmetric cycloaddition reactions of vinyl azides. <i>Nature Communications</i> , 2019 , 10, 3158	17.4	31
369	Direct Arylation of Unactivated Alkanes with Heteroarenes by Visible-Light Catalysis. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12904-12912	4.2	24
368	Stiff-stilbene derivatives as new bright fluorophores with aggregation-induced emission. <i>Science China Chemistry</i> , 2019 , 62, 1194-1197	7.9	14
367	Efficient and Selective CO ₂ Reduction Integrated with Organic Synthesis by Solar Energy. <i>Chem</i> , 2019 , 5, 2605-2616	16.2	102
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