

Hao Guo

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.

73
papers

1,388
citations

20
h-index

35
g-index

77
ext. papers

1,659
ext. citations

6.3
avg, IF

4.97
L-index

#	Paper	IF	Citations
73	One-pot synthesis of cyclobutenecarboxylate derivatives via olefinic C-F bond functionalization of gem-difluoroalkenes. <i>Tetrahedron Letters</i> , 2022 , 92, 153673	2	0
72	Double-bond-containing polyallene-based composite nanofibers. <i>Composites Communications</i> , 2022 , 32, 101189	6.7	0
71	Pd-Catalyzed Enantioselective Dicarbofunctionalization of Alkene to Access Disubstituted Dihydroisoquinolinone. <i>Organic Letters</i> , 2021 , 23, 4099-4103	6.2	3
70	Thermoenhanced osmotic power generator via lithium bromide and asymmetric sulfonated poly(ether ether ketone)/poly(ether sulfone) nanofluidic membrane. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	7
69	Synthesis of N-labeled heterocycles the cleavage of C-N bonds of anilines and glycine-N. <i>Chemical Communications</i> , 2021 , 57, 5442-5445	5.8	1
68	Photochemical Synthesis of 1,4-Dicarbonyl Bifluorene Compounds via Oxidative Radical Coupling Using TEMPO as the Oxygen Atom Donor. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3656-3666	4.2	1
67	A study on the preparation of polycation gel polymer electrolyte for supercapacitors.. <i>RSC Advances</i> , 2021 , 11, 24995-25003	3.7	1
66	Visible light-induced one-pot synthesis of CF/CF-substituted cyclobutene derivatives. <i>Chemical Communications</i> , 2021 , 57, 7441-7444	5.8	3
65	Visible Light-Induced Pericyclic Cascade Reaction for the Synthesis of Quinolinone Derivatives with an Oxabicyclo[4.2.0]octene Skeleton. <i>Organic Letters</i> , 2021 , 23, 2959-2963	6.2	2
64	Synthesis of microporous hydrogen-bonded supramolecular organic frameworks through guanosine self-assembly. <i>Cell Reports Physical Science</i> , 2021 , 2, 100519	6.1	0
63	Metal-Free Chemoselective Oxidation of 4-Methylquinolines into Quinoline-4-Carbaldehydes. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3114-3117	4.5	1
62	Xenon binding by a tight yet adaptive chiral soft capsule. <i>Nature Communications</i> , 2020 , 11, 6257	17.4	7
61	Visible-Light-Induced Dehydrohalogenative Coupling for Intramolecular β -Alkenylation: A Way to Build Seven- and Eight-Membered Rings. <i>Organic Letters</i> , 2020 , 22, 4372-4377	6.2	7
60	Cu(II)-Catalyzed β -Photocyclization of Non- β -Substrates. <i>Organic Letters</i> , 2020 , 22, 5502-5505	6.2	4
59	Photophysical and electrochemical properties of newly synthesized thioxathone π -biologen binary derivatives and their photo-/electrochromic displays in ionic liquids and polymer gels. <i>New Journal of Chemistry</i> , 2020 , 44, 3654-3663	3.6	5
58	Crosslinked poly(methyl methacrylate) with perfluorocyclobutyl aryl ether moiety as crosslinking unit: thermally stable polymer with high glass transition temperature.. <i>RSC Advances</i> , 2020 , 10, 1981-1988	3.7	13
57	Reversed Cation Selectivity of G -Octamer and G -Hexadecamer towards Monovalent and Divalent Cations. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1030-1034	4.5	4

56	Development of mobile miniature natural gas liquefiers. <i>Frontiers in Energy</i> , 2020 , 14, 667-682	2.6	2
55	Substrate-Induced Dimerization Assembly of Chiral Macrocyclic Catalysts toward Cooperative Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 2645-2649	3.6	7
54	Substrate-Induced Dimerization Assembly of Chiral Macrocyclic Catalysts toward Cooperative Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2623-2627	16.4	25
53	Construction of Supramolecular Organogel with Circularly Polarized Luminescence by Self-Assembled Guanosine Octamer. <i>Cell Reports Physical Science</i> , 2020 , 1,	6.1	3
52	Light-enabled, AlCl ₃ -catalyzed regioselective intramolecular nucleophilic addition of non-nucleophilic alkyls to alkynes. <i>Chemical Communications</i> , 2020 , 56, 11621-11624	5.8	1
51	Visible light induced oxidative hydroxylation of boronic acids. <i>Tetrahedron Letters</i> , 2019 , 60, 660-663	2	13
50	Iron-catalyzed synthesis of phenanthrenes via intramolecular hydroarylation of arene-alkynes. <i>Journal of Saudi Chemical Society</i> , 2019 , 23, 967-972	4.3	0
49	Synthesis of novel thioxanthone-containing macromolecular photosensitizer and its photocatalytic property. <i>Polymer</i> , 2019 , 174, 101-108	3.9	7
48	Regulating vibrational modes to improve quantum efficiency: insights from theoretical calculations on iridium(III) complexes bearing tridentate NCN and NNC chelates. <i>Dalton Transactions</i> , 2019 , 48, 5064-5071	4.3	6
47	Construction of a cross-layer linked G-octamer conformational control: a stable G-quadruplex in H-bond competitive solvents. <i>Chemical Science</i> , 2019 , 10, 4192-4199	9.4	12
46	Luminescent properties of newly synthesized thioxanthone-polypyridyl derivatives and their metal-organic complexes. <i>Journal of Luminescence</i> , 2019 , 212, 5-13	3.8	7
45	Facilitating Gold Redox Catalysis with Electrochemistry: An Efficient Chemical-Oxidant-Free Approach. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17226-17230	16.4	37
44	Facilitating Gold Redox Catalysis with Electrochemistry: An Efficient Chemical-Oxidant-Free Approach. <i>Angewandte Chemie</i> , 2019 , 131, 17386-17390	3.6	14
43	Light-Induced Intramolecular Iodine-Atom Transfer Radical Addition of Alkyne: An Approach from Aryl Iodide to Alkenyl Iodide. <i>Organic Letters</i> , 2019 , 21, 9133-9137	6.2	14
42	UV-induced catalyst-free intramolecular formal Heck reaction. <i>Journal of Saudi Chemical Society</i> , 2019 , 23, 718-724	4.3	6
41	Highly selective AlCl ₃ initiated intramolecular alkylation of unsaturated lactams and lactones. <i>Organic and Biomolecular Chemistry</i> , 2018 , 17, 49-52	3.9	2
40	Visible light sensitizer-catalyzed highly selective photo oxidation from thioethers into sulfoxides under aerobic condition. <i>Scientific Reports</i> , 2018 , 8, 2205	4.9	41
39	Nitration and Cyclization of Arene-Alkynes: An Access to 9-Nitrophenanthrenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10518-10524	4.2	11

38	Visible light-induced 4-phenylthioxanthone-catalyzed aerobic oxidation of triarylphosphines. <i>Tetrahedron Letters</i> , 2018 , 59, 3880-3883	2	3
37	New development in the enantioselective synthesis of spiro compounds. <i>Chemical Society Reviews</i> , 2018 , 47, 5946-5996	58.5	178
36	Synthetic applications of vinyl cyclopropane opening. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 2479-2490	3.4	96
35	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , 2017 , 7, 43706	4.9	6
34	Eosin Y-catalyzed photooxidation of triarylphosphines under visible light irradiation and aerobic conditions. <i>RSC Advances</i> , 2017 , 7, 13240-13243	3.7	32
33	Synthesis of PS-b-PPOA-b-PS triblock copolymer via sequential free radical polymerization and ATRP. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1366-1372	2.5	6
32	A reaction mode of carbene-catalysed aryl aldehyde activation and induced phenol OH functionalization. <i>Nature Communications</i> , 2017 , 8, 15598	17.4	40
31	PDMAEMA-b-PPOA-b-PDMAEMA double-bond-containing amphiphilic triblock copolymer: synthesis, characterization, and pH-responsive self-assembly. <i>Polymer Chemistry</i> , 2017 , 8, 6628-6635	4.9	15
30	Transformation of Organostannanes Based on Photocleavage of C-Sn Bond via Single Electron Transfer Process. <i>Scientific Reports</i> , 2017 , 7, 16559	4.9	1
29	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7537-7545	4.9	11
28	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017 , 8, 6997-7008	4.9	11
27	AlCl ₃ -Catalyzed Intramolecular Hydroarylation of Arenes with Alkynes. <i>Synlett</i> , 2017 , 28, 2159-2162	2.2	5
26	Cu(II)-Catalyzed 6E Photocyclization of Dienynes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12553-12558	4.2	17
25	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , 2016 , 6, 25508	4.9	27
24	Apparatus for Low-Temperature Investigations: Phase Equilibrium Measurements for Systems Containing Ammonia. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 3883-3889	2.8	14
23	CuBr ₂ -promoted cyclization and bromination of arenealkynes: C-Br bond formation via reductive elimination of Cu(II) species. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 852-855	5.2	17
22	Neodymium-catalyzed intramolecular alkyne-hydroarylation with arenes. <i>Tetrahedron Letters</i> , 2016 , 57, 3235-3238	2	8
21	Merging photoredox catalysis with Lewis acid catalysis: activation of carbon-carbon triple bonds. <i>Chemical Communications</i> , 2016 , 52, 9909-12	5.8	31

20	Organophotocatalytic Synthesis of Phosphoramidates. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 719-723	3.23	21
19	Photoinduced Intramolecular Haloarylation and Hydroarylation of Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 981-985	3	11
18	Direct functionalization of poly(vinyl chloride) by photo-mediated ATRP without a deoxygenation procedure. <i>Polymer Chemistry</i> , 2016 , 7, 3034-3045	4.9	34
17	Novel strategies for catalytic asymmetric synthesis of C1-chiral 1,2,3,4-tetrahydroisoquinolines and 3,4-dihydrotetrahydroisoquinolines. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 288-299	5.2	63
16	Catalyst-free photooxidation of triarylphosphines under aerobic conditions. <i>Journal of Saudi Chemical Society</i> , 2015 , 19, 706-709	4.3	19
15	Studies of Free Radical Polymerization Initiated by Visible Light Photoredox Catalysis. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1055-1060	2.6	13
14	Amine-catalyzed direct photoarylation of unactivated arenes. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 439-445	4.25	39
13	Light-mediated, palladium-catalyzed cyclizations of unactivated 1,6-dienes. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 919-923	5.2	2
12	Photoinduced HBr-catalyzed C-Si bond cleavage of benzylsilanes and their subsequent oxidation into benzoic acids with air as the terminal oxidant. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 1201-1204	5.2	9
11	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , 2013 , 4, 3132	4.9	23
10	SET-LRP synthesis of PMHDO-g-PNIPAM well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1091-1098	2.5	17
9	Synthesis of PMHDO-g-PDEAEA well-defined amphiphilic graft copolymer via successive living coordination polymerization and SET-LRP. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1099-1106	2.5	14
8	Apparatus for accurate density measurements of fluids based on a magnetic suspension balance 2012 ,		2
7	Enantioselective Lewis acid catalysis in intramolecular [2+2] photocycloaddition reactions of coumarins. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7782-5	16.4	118
6	Neighboring group participation of phosphine oxide functionality in the highly regio- and stereoselective iodohydroxylation of 1,2-allenyl diphenyl phosphine oxides. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7934-8	4.2	50
5	Rhodium-Catalyzed Highly Regioselective Hydroformylation-Hydrogenation of 1,2-Allenyl-Phosphine Oxides and -Phosphonates. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1213-1217	5.6	20
4	[Pd(Ar-BIAN)(alkene)]-catalyzed highly chemo-, regio-, and stereoselective semihydrogenation of 1,2-allenyl phosphonates and related compounds. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4997-5000	16.4	43
3	[Pd(Ar-BIAN)(alkene)]-Catalyzed Highly Chemo-, Regio-, and Stereoselective Semihydrogenation of 1,2-Allenyl Phosphonates and Related Compounds. <i>Angewandte Chemie</i> , 2006 , 118, 5119-5122	3.6	22

2	ESI-MS studies on the mechanism of Pd0-catalyzed three-component tandem double addition-cyclization reaction. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13060-4	16.4	67
1	Probing the Mechanism of the Palladium-Catalyzed Addition of Organoboronic Acids to Allenes in the Presence of AcOH by ESI-FTMS. <i>Angewandte Chemie</i> , 2005 , 117, 4849-4852	3.6	12