

Hao Guo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8767317/hao-guo-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	New development in the enantioselective synthesis of spiro compounds. <i>Chemical Society Reviews</i> , 2018 , 47, 5946-5996	58.5	178
72	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
71	Synthetic applications of vinyl cyclopropane opening. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 2473-2490	3.4	96
70	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
69	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
68	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
67	[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
66	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
65	A reaction mode of carbene-catalysed aryl aldehyde activation and induced phenol OH functionalization. <i>Nature Communications</i> , 2017 , 8, 15598	17.4	40
64	Amine-catalyzed direct photoarylation of unactivated arenes. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 439-445	4.2	39
63	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
62	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
61	Eosin Y-catalyzed photooxidation of triarylphosphines under visible light irradiation and aerobic conditions. <i>RSC Advances</i> , 2017 , 7, 13240-13243	3.7	32
60	Merging photoredox catalysis with Lewis acid catalysis: activation of carbon-carbon triple bonds. <i>Chemical Communications</i> , 2016 , 52, 9909-12	5.8	31
59	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , 2016 , 6, 25508	4.9	27
58	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
57	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , 2013 , 4, 3132	4.9	23

56	[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
55	Organophotocatalytic Synthesis of Phosphoramidates. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 719-723	3.3	21
54	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
53	Catalyst-free photooxidation of triarylphosphines under aerobic conditions. <i>Journal of Saudi Chemical Society</i> , 2015 , 19, 706-709	4.3	19
52	Cu(II)-Catalyzed 6E Photocyclization of Diynes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12553-12558	4.2	17
51	CuBr ₂ -promoted cyclization and bromination of arenealkynes: C-Br bond formation via reductive elimination of Cu(III) species. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 852-855	5.2	17
50	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
49	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
48	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
47	Facilitating Gold Redox Catalysis with Electrochemistry: An Efficient Chemical-Oxidant-Free Approach. <i>Angewandte Chemie</i> , 2019 , 131, 17386-17390	3.6	14
46	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
45	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
44	Visible light induced oxidative hydroxylation of boronic acids. <i>Tetrahedron Letters</i> , 2019 , 60, 660-663	2	13
43	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
42	Studies of Free Radical Polymerization Initiated by Visible Light Photoredox Catalysis. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1055-1060	2.6	13
41	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
40	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
39	Nitration and Cyclization of Arene-Alkynes: An Access to 9-Nitrophenathrenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10518-10524	4.2	11

38	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7537-7545	4.9	11
37	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017 , 8, 6997-7008	4.9	11
36	Photoinduced Intramolecular Haloarylation and Hydroarylation of Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 981-985	3	11
35	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
34	Neodymium-catalyzed intramolecular alkyne-hydroarylation with arenes. <i>Tetrahedron Letters</i> , 2016 , 57, 3235-3238	2	8
33	Synthesis of novel thioxanthone-containing macromolecular photosensitizer and its photocatalytic property. <i>Polymer</i> , 2019 , 174, 101-108	3.9	7
32	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
31	Xenon binding by a tight yet adaptive chiral soft capsule. <i>Nature Communications</i> , 2020 , 11, 6257	17.4	7
30	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
29	Substrate-Induced Dimerization Assembly of Chiral Macrocyclic Catalysts toward Cooperative Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 2645-2649	3.6	7
28	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
27	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , 2017 , 7, 43706	4.9	6
26	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
25	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
24	UV-induced catalyst-free intramolecular formal Heck reaction. <i>Journal of Saudi Chemical Society</i> , 2019 , 23, 718-724	4.3	6
23	Photophysical and electrochemical properties of newly synthesized thioxanthone-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
22	AlCl ₃ -Catalyzed Intramolecular Hydroarylation of Arenes with Alkynes. <i>Synlett</i> , 2017 , 28, 2159-2162	2.2	5
21	Cu(II)-Catalyzed β -Photocyclization of Non- β -Substrates. <i>Organic Letters</i> , 2020 , 22, 5502-5505	6.2	4

20	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
19	Construction of Supramolecular Organogel with Circularly Polarized Luminescence by Self-Assembled Guanosine Octamer. <i>Cell Reports Physical Science</i> , 2020 , 1,	6.1	3
18	Pd-Catalyzed Enantioselective Dicarbofunctionalization of Alkene to Access Disubstituted Dihydroisoquinolinone. <i>Organic Letters</i> , 2021 , 23, 4099-4103	6.2	3
17	Visible light-induced one-pot synthesis of CF/CF-substituted cyclobutene derivatives. <i>Chemical Communications</i> , 2021 , 57, 7441-7444	5.8	3
16	Visible light-induced 4-phenylthioxanthone-catalyzed aerobic oxidation of triarylphosphines. <i>Tetrahedron Letters</i> , 2018 , 59, 3880-3883	2	3
15	Highly selective AlCl initiated intramolecular α kylation of β unsaturated lactams and lactones. <i>Organic and Biomolecular Chemistry</i> , 2018 , 17, 49-52	3.9	2
14	Light-mediated, palladium-catalyzed cyclizations of unactivated 1,6-dienes. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 919-923	5.2	2
13	Apparatus for accurate density measurements of fluids based on a magnetic suspension balance 2012 ,		2
12	Development of mobile miniature natural gas liquefiers. <i>Frontiers in Energy</i> , 2020 , 14, 667-682	2.6	2
11	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
10	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
9	Light-enabled, AlCl-catalyzed regioselective intramolecular nucleophilic addition of non-nucleophilic alkyls to alkynes. <i>Chemical Communications</i> , 2020 , 56, 11621-11624	5.8	1
8	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
7	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
6	A study on the preparation of polycation gel polymer electrolyte for supercapacitors.. <i>RSC Advances</i> , 2021 , 11, 24995-25003	3.7	1
5	Metal-Free Chemoselective Oxidation of 4-Methylquinolines into Quinoline-4-Carbaldehydes. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3114-3117	4.5	1
4	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
3	One-pot synthesis of cyclobutenecarboxylate derivatives via olefinic C-F bond functionalization of gem-difluoroalkenes. <i>Tetrahedron Letters</i> , 2022 , 92, 153673	2	0

- 2 Synthesis of microporous hydrogen-bonded supramolecular organic frameworks through guanosine self-assembly. *Cell Reports Physical Science*, **2021**, 2, 100519 6.1 ○
- 1 Double-bond-containing polyallene-based composite nanofibers. *Composites Communications*, **2022**, 32, 101189 6.7 ○