

Yongqiang Zhang

List of Publications by Year in descending order

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34
papers

1,130
citations

430754

18
h-index

395590

33
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docs citations

36
times ranked

1546
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemo- and Regioselective Organo-Photoredox Catalyzed Hydroformylation of Styrenes via a Radical Pathway. <i>Journal of the American Chemical Society</i> , 2017, 139, 9799-9802.	6.6	121
2	Direct C ¹ -heteroarylation of structurally diverse ethers via a mild N-hydroxysuccinimide mediated cross-dehydrogenative coupling reaction. <i>Chemical Science</i> , 2017, 8, 4044-4050.	3.7	87
3	Direct I ¹ -heteroarylation of amides (I ¹ to nitrogen) and ethers through a benzaldehyde-mediated photoredox reaction. <i>Chemical Science</i> , 2016, 7, 2111-2118.	3.7	81
4	Divergent Cascade Construction of Skeletally Diverse "Privileged" Pyrazole-Derived Molecular Architectures. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2030-2037.	1.2	67
5	Synthesis of Z-alkenes via visible light promoted photocatalytic E ¹ Z isomerization under metal-free conditions. <i>Chemical Communications</i> , 2017, 53, 12918-12921.	2.2	60
6	Rational Design of Selective Small-Molecule Inhibitors for β -Catenin/B-Cell Lymphoma 9 Protein-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 12249-12260.	6.6	58
7	Photocatalytic C-H silylation of heteroarenes by using trialkylhydrosilanes. <i>Chemical Science</i> , 2019, 10, 3817-3825.	3.7	56
8	Discovery of Selective Small-Molecule Inhibitors for the β -Catenin/T-Cell Factor Protein-Protein Interaction through the Optimization of the Acyl Hydrazone Moiety. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4678-4692.	2.9	55
9	Novel spiro-pyrazolone antitumor scaffold with potent activity: Design, synthesis and structure-activity relationship. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 141-147.	2.6	53
10	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8201-8205.	7.2	53
11	Novel Carboline Derivatives as Potent Antifungal Lead Compounds: Design, Synthesis, and Biological Evaluation. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 506-511.	1.3	49
12	Highly stereoselective synthesis of aryl/heteroaryl-C-nucleosides via the merger of photoredox and nickel catalysis. <i>Chemical Communications</i> , 2019, 55, 14657-14660.	2.2	47
13	Facile Construction of Structurally Diverse Thiazolidinedione-Derived Compounds via Divergent Stereoselective Cascade Organocatalysis and Their Biological Exploratory Studies. <i>ACS Combinatorial Science</i> , 2013, 15, 298-308.	3.8	41
14	Synthesis of β -Silyl α -Amino Acids via Visible-Light-Mediated Hydrosilylation. <i>Organic Letters</i> , 2021, 23, 1406-1410.	2.4	37
15	Novel benzothiazole derivatives with a broad antifungal spectrum: design, synthesis and structure-activity relationships. <i>MedChemComm</i> , 2013, 4, 1551.	3.5	32
16	Structure-Based Optimization of Small-Molecule Inhibitors for the β -Catenin/B-Cell Lymphoma 9 Protein-Protein Interaction. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2989-3007.	2.9	30
17	Synthesis of 2-Quinolinones via a Hypervalent Iodine(III)-Mediated Intramolecular Decarboxylative Heck-Type Reaction at Room Temperature. <i>Organic Letters</i> , 2018, 20, 7929-7932.	2.4	28
18	Deletion of <i>poxB</i> , <i>pta</i> , and <i>ackA</i> improves 1,3-propanediol production by <i>Klebsiella pneumoniae</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2775-2784.	1.7	27

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19	Graphitic Carbon Nitride Polymer as a Recyclable Photoredox Catalyst for Decarboxylative Alkynylation of Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3898-3904.	2.1	20
20	Highly Stereoselective C-Glycosylation by Photocatalytic Decarboxylative Alkynylation on Anomeric Position: A Facile Access to Alkynyl C-Glycosides. <i>Chinese Journal of Chemistry</i> , 2022, 40, 681-686.	2.6	19
21	A cascade approach to 3D cyclic carbamates via an ionic decarboxylative functionalization of olefinic oxamic acids. <i>Chemical Communications</i> , 2020, 56, 86-89.	2.2	16
22	Structure-activity relationships of tetrahydrocarbazole derivatives as antifungal lead compounds. <i>MedChemComm</i> , 2013, 4, 353-362.	3.5	13
23	PIFA-Mediated Cross-Dehydrogenative Coupling of N-Heteroarenes with Cyclic Ethers: Ethanol as an Efficient Promoter. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 411-421.	1.2	12
24	Discovery of 2-(3-(3-Carbamoylpiperidin-1-yl)phenoxy)acetic Acid Derivatives as Novel Small-Molecule Inhibitors of the β -Catenin/B-Cell Lymphoma 9 Protein-Protein Interaction. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5886-5904.	2.9	12
25	A photoredox/nickel dual-catalytic strategy for benzylic C-H alkoxylation. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6881-6887.	2.3	12
26	Discovery of highly potent triazoleantifungal agents with piperidine-oxadiazole side chains. <i>MedChemComm</i> , 2015, 6, 653-664.	3.5	10
27	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. <i>Angewandte Chemie</i> , 2017, 129, 8313-8317.	1.6	8
28	Discovery and optimization of betulinic acid derivatives as novel potent CD73 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 59, 116672.	1.4	8
29	Topoisomerase II-Mediated Antiproliferative Activity of 10-Substituted and 12-Substituted Homocamptothecins. <i>Chemistry and Biodiversity</i> , 2011, 8, 1539-1549.	1.0	5
30	Deleting <i>pckA</i> improves growth and suppresses by-product formation during 1,3-propanediol fermentation by <i>Klebsiella pneumoniae</i> . <i>Journal of Applied Microbiology</i> , 2017, 123, 678-687.	1.4	5
31	Inhibition of mitochondrial complex III induces differentiation in acute myeloid leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2021, 547, 162-168.	1.0	4
32	Asymmetric Synthesis, Antifungal Activity and Molecular Modeling of Iodiconazole Isomers. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1139-1143.	2.6	2
33	Research of Quinuclidine-Promoted C-H Silylation of Electron-Deficient Nitrogen Heteroarenes. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1136.	0.6	2
34	Mild and Metal-Free Cross-Dehydrogenative Coupling of Nitrogen Heteroarenes with Aldehydes Enabled by Structural Hybridization of Promoting Reagents. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0