

Xiao Xiao

List of Publications by Year in descending order

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54
papers

1,188
citations

394421

19
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalytic Asymmetric Biomimetic Transamination: From α -Keto Esters to Optically Active α -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 12914-12917.	13.7	123
2	Biogenic Nanoselenium Particles Effectively Attenuate Oxidative Stress-Induced Intestinal Epithelial Barrier Injury by Activating the Nrf2 Antioxidant Pathway. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14724-14740.	8.0	117
3	The <i>N</i> ⁶ -methyladenosine RNA-binding protein YTHDF1 modulates the translation of <i>TRAF6</i> to mediate the intestinal immune response. <i>Nucleic Acids Research</i> , 2021, 49, 5537-5552.	14.5	74
4	Progress in asymmetric biomimetic transamination of carbonyl compounds. <i>Chemical Society Reviews</i> , 2015, 44, 1740-1748.	38.1	68
5	An efficient synthesis of optically active trifluoromethyl aldimines via asymmetric biomimetic transamination. <i>Chemical Communications</i> , 2013, 49, 1404.	4.1	66
6	Characterization, antioxidant property and cytoprotection of exopolysaccharide-capped elemental selenium particles synthesized by <i>Bacillus paralicheniformis</i> SR14. <i>Carbohydrate Polymers</i> , 2017, 178, 18-26.	10.2	55
7	Direct asymmetric vinyllogous Michael addition of 3-alkylidene oxindoles to chalcones catalyzed by a chiral <i>N,N</i> -dioxide ytterbium(ⁱⁱⁱ) complex. <i>Chemical Communications</i> , 2015, 51, 580-583.	4.1	50
8	An Efficient Asymmetric Biomimetic Transamination of α -Keto Esters to Chiral α -Amino Esters. <i>Organic Letters</i> , 2012, 14, 5270-5273.	4.6	48
9	Asymmetric Synthesis of 2,3-Dihydroquinolin-4-one Derivatives Catalyzed by a Chiral Bisguanidium Salt. <i>Chemistry - A European Journal</i> , 2012, 18, 15922-15926.	3.3	44
10	Trio Haploinsufficiency Causes Neurodevelopmental Disease-Associated Deficits. <i>Cell Reports</i> , 2019, 26, 2805-2817.e9.	6.4	39
11	Research on X-ray shielding performance of wearable Bi/Ce-natural leather composite materials. <i>Journal of Hazardous Materials</i> , 2020, 398, 122943.	12.4	39
12	<i>Moringa oleifera</i> Lam and its Therapeutic Effects in Immune Disorders. <i>Frontiers in Pharmacology</i> , 2020, 11, 566783.	3.5	31
13	Role of the Anterior Cingulate Cortex in Translational Pain Research. <i>Neuroscience Bulletin</i> , 2021, 37, 405-422.	2.9	29
14	Organocatalytic asymmetric biomimetic transamination of aromatic ketone to optically active amine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8960.	2.8	24
15	<i>Atractylodes macrocephala</i> polysaccharides protect against DSS-induced intestinal injury through a novel lncRNA ITS1-OT1. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 76-84.	7.5	23
16	Catalytic asymmetric α -amination of α -keto esters and α -keto amides with a chiral <i>N,N</i> -dioxide-copper(i) complex. <i>Organic Chemistry Frontiers</i> , 2016, 3, 809-812.	4.5	22
17	<i>Clostridium Butyricum</i> ZJU-F1 Benefits the Intestinal Barrier Function and Immune Response Associated with Its Modulation of Gut Microbiota in Weaned Piglets. <i>Cells</i> , 2021, 10, 527.	4.1	22
18	Dearomatization of Electron-Deficient Phenols to <i>ortho</i> -Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16181-16187.	13.8	21

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19	Multiple Underwater Objects Localization With Magnetic Gradiometry. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 296-300.	3.1	21
20	Enterotoxigenic <i>Escherichia coli</i> infection promotes enteric defensin expression via FOXO6-MÉTTL3-m ⁶ A-GPR161 signalling axis. <i>RNA Biology</i> , 2021, 18, 576-586.	3.1	20
21	The effect of benzyl amine on the efficiency of the base-catalyzed transamination of α -keto esters. <i>Tetrahedron</i> , 2012, 68, 6862-6867.	1.9	19
22	Chiral N,N -Dioxide-Yttrium Triflate Complexes-Catalyzed Asymmetric Aldol Cyclization of α -Keto Esters with α -Isothiocyanato Imide. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3253-3262.	4.3	18
23	Profiling the differences of gut microbial structure between schizophrenia patients with and without violent behaviors based on 16S rRNA gene sequencing. <i>International Journal of Legal Medicine</i> , 2021, 135, 131-141.	2.2	18
24	YTHDF1 promotes NLRP3 translation to induce intestinal epithelial cell inflammatory injury during endotoxic shock. <i>Science China Life Sciences</i> , 2021, 64, 1988-1991.	4.9	16
25	Semen quality and windows of susceptibility: A case study during COVID-19 outbreak in China. <i>Environmental Research</i> , 2021, 197, 111085.	7.5	14
26	Heterocyclic group transfer reactions with N -HVI reagents: access to N -alkyl(heteroaryl)onium salts via olefin aminolactonization. <i>Chemical Science</i> , 2021, 12, 6385-6392.	7.4	11
27	Temporal course of cognitive control in a picture-word interference task. <i>NeuroReport</i> , 2010, 21, 104-107.	1.2	10
28	Calculation theory and experimental study of the K6 single-layer reticulated shell. <i>International Journal of Steel Structures</i> , 2014, 14, 195-212.	1.3	10
29	Epigenetic modifications but not genetic polymorphisms regulate <i>KEAP1</i> expression in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12311-12320.	2.6	10
30	CBP22, a Novel Bacteriocin Isolated from <i>Clostridium butyricum</i> ZJU-F1, Protects against LPS-Induced Intestinal Injury through Maintaining the Tight Junction Complex. <i>Mediators of Inflammation</i> , 2021, 2021, 1-12.	3.0	10
31	Protective effects of sulfated polysaccharide from <i>Enterobacter cloacae</i> Z0206 against DSS-induced intestinal injury via DNA methylation. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 861-869.	7.5	10
32	Recent Advances in the Selective Oxidative Dearomatization of Phenols to <i>o</i> -Quinones and <i>o</i> -Quinols with Hypervalent Iodine Reagents. <i>Synlett</i> , 2021, 32, 752-762.	1.8	10
33	The dissociation of neural circuits in a Stroop task. <i>NeuroReport</i> , 2009, 20, 674-678.	1.2	9
34	2.5D direct-current resistivity forward modelling and inversion by finite-element-infinite-element coupled method. <i>Geophysical Prospecting</i> , 2016, 64, 767-779.	1.9	9
35	Integrated Bioinformatics Analysis for the Identification of Key Molecules and Pathways in the Hippocampus of Rats After Traumatic Brain Injury. <i>Neurochemical Research</i> , 2020, 45, 928-939.	3.3	9
36	Pollution characteristics and risk assessment of heavy metals in the surface sediments of Dongting Lake water system during normal water period. <i>European Journal of Remote Sensing</i> , 2021, 54, 211-221.	3.5	8

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37	Bidentate Nitrogen-Ligated I(V) Reagents, Bi(<i>N</i>)-HVLs: Preparation, Stability, Structure, and Reactivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 6566-6576.	3.2	8
38	Male cancer patient sperm cryopreservation for fertility preservation: 10-year monocentric experience. <i>Basic and Clinical Andrology</i> , 2021, 31, 24.	1.9	8
39	A Novel Catalyst-Free Synthesis of 2,2-Diaryl Enamides from Stilbenes via a Nitrene Transfer Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5720-5724.	2.4	6
40	A functional variant in the flanking region of pri α contributes to colorectal cancer risk in a Chinese population. <i>Journal of Cellular Physiology</i> , 2019, 234, 15717-15725.	4.1	6
41	Accelerating the Frequency Domain Controlled-Source Electromagnetic Data Inversion Using Rational Krylov Subspace Algorithm. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	6.3	6
42	Reinforcement of phenylalanine-based supramolecular hydrogels by hybridizing poly(N-isopropylacrylamide) nanogels. <i>RSC Advances</i> , 2014, 4, 22380-22386.	3.6	5
43	Dearomatization of Electron-Deficient Phenols to ortho-Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie</i> , 2019, 131, 16327-16333.	2.0	4
44	Fast 3-D Controlled-Source Electromagnetic Modeling Combining UPML and Rational Krylov Method. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	4
45	Neural mechanism of conflict control in a number interference task. <i>NeuroReport</i> , 2011, 22, 979-983.	1.2	3
46	Genetic predisposition to papillary thyroid carcinoma is mediated by a long non-coding RNA TINCR enhancer polymorphism. <i>International Immunopharmacology</i> , 2022, 109, 108796.	3.8	3
47	Metal-catalyzed formal amidation of alkenes under CO-free condition. <i>Tetrahedron Letters</i> , 2016, 57, 4203-4206.	1.4	2
48	Feasibility of using probabilistic methods to analyse microRNA quantitative data in forensically relevant body fluids: a proof-of-principle study. <i>International Journal of Legal Medicine</i> , 2021, 135, 2247-2261.	2.2	2
49	Neurophysiological characteristics in the periventricular/periaqueductal gray correlate with pain perception, sensation, and affect in neuropathic pain patients. <i>NeuroImage: Clinical</i> , 2021, 32, 102876.	2.7	2
50	The electrophysiological correlates of the size incongruity effect. <i>NeuroReport</i> , 2011, 22, 157-160.	1.2	1
51	Efficient synthesis of α -amino acid derivatives via phase-transfer-catalyzed directed reductive amination. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 203-207.	2.6	1
52	Calculation and comparative analysis on hydrogeological parameters in Urad Front Banne. , 2011, , .		0
53	Deep electrical structure and its geodynamic significance beneath the Middle and Lower Reaches of the Yangtze River metallogenic belt. <i>Acta Geologica Sinica</i> , 2019, 93, 335-336.	1.4	0
54	MonkeyPosekit: Automated Markerless 2D Pose Estimation of Monkey. , 2021, , .		0