

Hui Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/965794/publications.pdf>

Version: 2024-02-01

54
papers

1,088
citations

516710

16
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

1605
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots doped with heteroatoms for fluorescent bioimaging: a review. <i>Mikrochimica Acta</i> , 2017, 184, 343-368.	5.0	264
2	Enantioselective Cyanosilylation of Ketones by a Catalytic Double-Activation Method with an Aluminium Complex and an N-Oxide. <i>Chemistry - A European Journal</i> , 2004, 10, 4790-4797.	3.3	99
3	Quercetin-modified gold-palladium nanoparticles as a potential autophagy inducer for the treatment of Alzheimer's disease. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 388-400.	9.4	71
4	Highly Enantioselective Aza-Henry Reaction of <i>N</i> -Tosyl Imines Catalyzed by <i>N,N</i> -Dioxide-Cu(I) Complexes. <i>Journal of Organic Chemistry</i> , 2007, 72, 10302-10304.	3.2	61
5	A red lysosome-targeted fluorescent probe for carboxylesterase detection and bioimaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2989-2996.	5.8	46
6	Vascular endothelial growth factor: an attractive target in the treatment of hypoxic/ischemic brain injury. <i>Neural Regeneration Research</i> , 2016, 11, 174.	3.0	42
7	Highly Enantioselective Cyanoformylation of Aldehydes Catalyzed by a Mononuclear Salen-Ti(OiPr) ₄ Complex Produced In Situ. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 639-644.	2.4	36
8	Hexamine biosynthetic pathway promotes the antiviral activity of SAMHD1 by enhancing O-GlcNAc transferase-mediated protein O-GlcNAcylation. <i>Theranostics</i> , 2021, 11, 805-823.	10.0	34
9	<i>anti</i> -Selective Asymmetric Henry Reaction Catalyzed by a Heterobimetallic Cu-Sm-Aminophenol Sulfonamide Complex. <i>Organic Letters</i> , 2016, 18, 1578-1581.	4.6	31
10	Facile synthesis of 3-aryl 2,3-dihydrobenzofurans via novel domino 1,6-addition/O-alkylation reactions of para-quinone methides. <i>Tetrahedron</i> , 2018, 74, 1492-1496.	1.9	28
11	High diastereoselective synthesis of spiro-isoxazolonechromans via domino oxa-Michael/1,6-addition reactions of ortho-hydroxyphenylsubstituted para-quinone methides with unsaturated isoxazolones. <i>Tetrahedron</i> , 2019, 75, 682-687.	1.9	26
12	3D QSAR Pharmacophore Based Virtual Screening for Identification of Potential Inhibitors for CDC25B. <i>Computational Biology and Chemistry</i> , 2018, 73, 1-12.	2.3	22
13	Exogenous Diethyl Aminoethyl Hexanoate, a Plant Growth Regulator, Highly Improved the Salinity Tolerance of Important Medicinal Plant <i>Cassia obtusifolia</i> L.. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 330-344.	5.1	21
14	The isolation, structural features and biological activities of polysaccharide from <i>Ligusticum chuanxiong</i> : A review. <i>Carbohydrate Polymers</i> , 2022, 285, 118971.	10.2	19
15	Efficient catalytic-free method to produce α -aryl cycloalkanones through highly chemoselective coupling of aryl compounds with oxallyl cations. <i>RSC Advances</i> , 2014, 4, 17370-17377.	3.6	18
16	Intracellular endogenous glutathione detection and imaging by a simple and sensitive spectroscopic off-on probe. <i>Analyst</i> , 2018, 143, 2390-2396.	3.5	18
17	Site-specific, covalent immobilization of BirA by microbial transglutaminase: A reusable biocatalyst for <i>in vitro</i> biotinylation. <i>Analytical Biochemistry</i> , 2016, 511, 10-12.	2.4	16
18	A homodinuclear cobalt complex for the catalytic asymmetric Michael reaction of β -ketoesters to nitroolefins. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3841-3850.	2.8	16

#	ARTICLE	IF	CITATIONS
19	Endothelium-independent vasorelaxant effect of 20(S)-protopanaxadiol on isolated rat thoracic aorta. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1555-1562.	6.1	15
20	Organocatalytic asymmetric cascade 1,6-addition/hemiketalization/retro-Henry reaction of <i>ortho</i> -hydroxyphenyl-substituted <i>ortho</i> -QMs with α -nitroketones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2641-2645.	2.8	15
21	A novel homobimetallic nickel complex for the asymmetric direct Mannich reaction of imines: a practical method on a multi-gram scale. <i>Chemical Communications</i> , 2017, 53, 12914-12917.	4.1	13
22	High diastereoselective synthesis of spiro-barbituratechromans via domino oxa-Michael/1,6-addition reactions of <i>ortho</i> -hydroxyphenylsubstituted para-quinone methides with barbiturate-based olefins. <i>Tetrahedron</i> , 2019, 75, 130752.	1.9	13
23	Exploring the reason for increased activity of SHP2 caused by D61Y mutation through molecular dynamics. <i>Computational Biology and Chemistry</i> , 2019, 78, 133-143.	2.3	13
24	An Ni ^{II} -PyBisulidine complex for the asymmetric hydrophosphonylation of aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9221-9224.	2.8	12
25	Identification of protein tyrosine phosphatase 1B (PTP1B) inhibitors through De Novo Evoluton, synthesis, biological evaluation and molecular dynamics simulation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 273-280.	2.1	12
26	Reversal of Enantioselectivity in the Copper-Aminophenol Sulfonamide Catalyzed Alkynylation of Isatins by Slightly Tuning the Ligand Structure and Basic Additives. <i>Organic Letters</i> , 2021, 23, 5739-5743.	4.6	11
27	Asymmetric Henry Reaction Catalyzed by a Chiral Dinuclear Nickel Complex. <i>Synlett</i> , 2014, 25, 1735-1738.	1.8	10
28	Organocatalytic asymmetric domino Michael/O-alkylation reaction for the construction of succinimide substituted 3(2H)-furanones catalyzed by quinine. <i>RSC Advances</i> , 2017, 7, 39885-39888.	3.6	10
29	Catalytic enantioselective Henry reaction of α -keto esters, 2-acylpyridines and 2-acylpyridine <i>ortho</i> -N-oxides. <i>RSC Advances</i> , 2018, 8, 9414-9422.	3.6	8
30	Novel Transforming Growth Factor-Beta Receptor 1 Antagonists through a Pharmacophore-Based Virtual Screening Approach. <i>Molecules</i> , 2018, 23, 2824.	3.8	7
31	Exploring the effect of E76K mutation on SHP2 cause gain-of-function activity by a molecular dynamics study. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9941-9956.	2.6	7
32	Investigation of a solution-mediated phase transformation of pranlukast DMF solvate to hemihydrate. <i>Crystal Research and Technology</i> , 2017, 52, 1700045.	1.3	6
33	Development of TsDPEN based imine-containing ligands for the copper-catalysed asymmetric Kinugasa reaction. <i>RSC Advances</i> , 2020, 10, 18107-18114.	3.6	6
34	Cooperative Heterobimetallic Zinc/Alkaline Earth Metal Catalysis: A Zn/Sr Aminophenol Sulfonamide Complex for Catalytic Asymmetric Michael Addition of 3-Acetoxy-2-oxindoles to β -Ester Enones. <i>Journal of Organic Chemistry</i> , 2021, 86, 7119-7130.	3.2	6
35	The treatment of cardiovascular diseases: a review of ferulic acid and its derivatives. <i>Die Pharmazie</i> , 2021, 76, 55-60.	0.5	6
36	Solution-mediated polymorphic transformation of amorphous form to Form I of olmesartan medoxomil in methanol-water mixture solvents. <i>Crystal Research and Technology</i> , 2017, 52, 1700038.	1.3	5

#	ARTICLE	IF	CITATIONS
37	A facile base-promoted domino Michael/O-alkylation reaction for the construction of succinimide-substituted 3(2H)-furanones. <i>Arkivoc</i> , 2017, 2017, 236-248.	0.5	5
38	In vivo study of erysolin metabolic profile by ultra high performance liquid chromatography coupled to Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 173-181.	2.3	5
39	Design, synthesis, biological evaluation and molecular dynamics simulation studies of (R)-5-methylthiazolidin-4-One derivatives as megakaryocyte protein tyrosine phosphatase 2 (PTP-MEG2) inhibitors for the treatment of type 2 diabetes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3156-3165.	3.5	5
40	Enantioselective Cyanoformylation of Aldehydes Catalyzed by a Chiral Quaternary Ammonium Salt and Triethylamine. <i>Synlett</i> , 2007, 2007, 2448-2450.	1.8	4
41	A Mild and Convenient Semi-Synthesis of Docetaxel from 10-Deacetyl Baccatin III. <i>Letters in Organic Chemistry</i> , 2010, 7, 450-452.	0.5	4
42	Synthesis, bioactivity, 3D-QSAR studies of novel dibenzofuran derivatives as PTP-MEG2 inhibitors. <i>Oncotarget</i> , 2017, 8, 38466-38481.	1.8	4
43	A Novel Synthesis of Ibutilide Fumarate. <i>Letters in Organic Chemistry</i> , 2011, 8, 423-426.	0.5	3
44	A zinc/PyBisulidine catalyzed asymmetric Mannich reaction of N-tosyl imines with 3-acyloxy-2-oxindoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7460-7469.	2.8	3
45	Divergent oxidative dearomatization coupling reactions to construct polycyclic cyclohexadienones. <i>Chemical Communications</i> , 2022, 58, 4348-4351.	4.1	3
46	Pharmacokinetics of 16-dehydropregnenolone hydroxypropyl- β -cyclodextrin inclusion complex following peroral administration. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 218-228.	2.4	2
47	One-pot Synthesis of α -Acylsilane-Substituted Isoquinolines via Rhodium (III)-Catalyzed C-H Activation/Annulation of α -Pivaloyl Oximes With Acryloylsilanes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1683-1686.	2.7	2
48	A novel metal-organic framework of Ba-hemin with enhanced cascade activity for sensitive glucose detection. <i>RSC Advances</i> , 2022, 12, 20544-20549.	3.6	2
49	Simultaneous determination of eight B-vitamins in rat intestinal perfusate to identify effects of osmotic pressures on absorptions. <i>Biomedical Chromatography</i> , 2017, 31, e3952.	1.7	1
50	Asymmetric Henry Reaction of 2-Acylpyridine N-Oxides Catalyzed by a Ni-Aminophenol Sulfonamide Complex: An Unexpected Mononuclear Catalyst. <i>Molecules</i> , 2019, 24, 1471.	3.8	1
51	Molecular dynamics study of CDC25BR492L mutant causing the activity decrease of CDC25B. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 109, 108030.	2.4	1
52	Cyanosilylation of Ketones Catalyzed by Quaternary Ammonium Salt and N-Oxide. <i>Synlett</i> , 2004, 2004, 1077-1079.	1.8	0
53	MOLECULAR DYNAMICS SIMULATION OF POINT MUTATIONS OF ARG 221 IN THE ACTIVE SITE OF PROTEIN TYROSINE PHOSPHATASE 1B. <i>Journal of Theoretical and Computational Chemistry</i> , 2009, 08, 1281-1294.	1.8	0
54	Synthesis and antitumor activity of erysolin and its metabolites. <i>Journal of Asian Natural Products Research</i> , 0, , 1-10.	1.4	0