Hong-Guang Xia

List of Publications by Year
in descending order

53 papers	3,455 citations	172457 29 h-index	175258 52 g-index
74 all docs	74 docs citations	74 times ranked	6886 citing authors

#	Article	IF	Citations
1	Discovery of Novel GR Ligands toward Druggable GR Antagonist Conformations Identified by MD Simulations and Markov State Model Analysis. Advanced Science, 2022, 9, e2102435.	11.2	28
2	Inhibition of RIPK1 by ZJU-37 promotes oligodendrocyte progenitor proliferation and remyelination via NF-Î°B pathway. Cell Death Discovery, 2022, 8, 147.	4.7	4
3	Mitophagy induced by UMIâ€"77 preserves mitochondrial fitness in renal tubular epithelial cells and alleviates renal fibrosis. FASEB Journal, 2022, 36, e22342.	0.5	21
4	RIPK1 Promotes Energy Sensing by the mTORC1 Pathway. Molecular Cell, 2021, 81, 370-385.e7.	9.7	25
5	Targeting MCL1 to induce mitophagy is a potential therapeutic strategy for Alzheimer disease. Autophagy, 2021, 17, 818-819.	9.1	18
6	ARIH1 signaling promotes anti-tumor immunity by targeting PD-L1 for proteasomal degradation. Nature Communications, 2021, 12, 2346.	12.8	52
7	5-((7-Chloro-6-fluoro-1h-indol-3-yl) methyl)-3-methylimidazolidine-2,4-dione as a RIP1 inhibitor protects LPS/D-galactosamine-induced liver failure. Life Sciences, 2021, 273, 119304.	4.3	3
8	Metformin activates chaperone-mediated autophagy and improves disease pathologies in an Alzheimer disease mouse model. Protein and Cell, 2021, 12, 769-787.	11.0	63
9	Mitophagy Regulates Neurodegenerative Diseases. Cells, 2021, 10, 1876.	4.1	24
10	Delivery of a system x_c^{â^’}inhibitor by a redox-responsive levodopa prodrug nanoassembly for combination ferrotherapy. Journal of Materials Chemistry B, 2021, 9, 7172-7181.	5.8	8
11	SC75741, A Novel c-Abl Inhibitor, Promotes the Clearance of TDP25 Aggregates via ATG5-Dependent Autophagy Pathway. Frontiers in Pharmacology, 2021, 12, 741219.	3.5	6
12	Deubiquitination and Stabilization of PD-L1 by USP21.. American Journal of Translational Research (discontinued), 2021, 13, 12763-12774.	0.0	0
13	Pharmacological targeting of MCL-1 promotes mitophagy and improves disease pathologies in an Alzheimerâ€™s disease mouse model. Nature Communications, 2020, 11, 5731.	12.8	94
14	Drug Discovery Targeting Anaplastic Lymphoma Kinase (ALK). Journal of Medicinal Chemistry, 2019, 62, 10927-10954.	6.4	80
15	Photoredox-catalyzed sulfonylation of alkenylcyclobutanols with the insertion of sulfur dioxide through semipinacol rearrangement. Organic Chemistry Frontiers, 2019, 6, 1873-1878.	4.5	53
16	C(sp²)â€"H functionalization of aldehyde-derived hydrazones <i>via</i> a radical process. Organic and Biomolecular Chemistry, 2018, 16, 1227-1241.	2.8	28
17	A copper-catalyzed sulfonylative Câ€"H bond functionalization from sulfur dioxide and aryldiazonium tetrafluoroborates. Organic Chemistry Frontiers, 2018, 5, 366-370.	4.5	58
18	Thiosulfonylation of alkenes with the insertion of sulfur dioxide under non-metallic conditions. Organic Chemistry Frontiers, 2018, 5, 2940-2944.	4.5	26

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19	Intramolecular oxysulfonylation of alkenes with the insertion of sulfur dioxide under photocatalysis. Organic Chemistry Frontiers, 2018, 5, 2437-2441.	4.5	31
20	Generation of benzosultams via a radical process with the insertion of sulfur dioxide. Organic Chemistry Frontiers, 2017, 4, 1121-1124.	4.5	59
21	Radical cyclization of benzene-tethered 1,7-enynes with aryldiazonium tetrafluoroborates: a facile route to benzo[j]phenanthridines. Organic Chemistry Frontiers, 2017, 4, 1318-1321.	4.5	46
22	Palladium-catalyzed direct sulfonylation of Câ€“H bonds with the insertion of sulfur dioxide. Chemical Communications, 2017, 53, 12548-12551.	4.1	62
23	mTORC1 Phosphorylates Acetyltransferase p300 to Regulate Autophagy and Lipogenesis. Molecular Cell, 2017, 68, 323-335.e6.	9.7	128
24	Base-controlled [3+3] cycloaddition of isoquinoline N-oxides with azaoxyallyl cations. Chemical Communications, 2016, 52, 10415-10418.	4.1	69
25	Recent advances in photoinduced trifluoromethylation and difluoroalkylation. Organic Chemistry Frontiers, 2016, 3, 1163-1185.	4.5	228
26	Generation of (2-oxoindolin-3-yl)methanesulfonohydrazides via a photo-induced reaction of N-(2-iodoaryl)acrylamide, DABSO, and hydrazine. Organic Chemistry Frontiers, 2016, 3, 865-869.	4.5	69
27	A palladium-catalyzed coupling reaction of aryl nonaflates, sulfur dioxide, and hydrazines. Organic and Biomolecular Chemistry, 2016, 14, 1665-1669.	2.8	19
28	Copper(<scp>i</scp>)-catalyzed sulfonylation of (2-alkynylaryl)boronic acids with DABSO. Organic Chemistry Frontiers, 2016, 3, 693-696.	4.5	70
29	A palladium-catalyzed tandem reaction of 2-alkynylbenzenesulfonamides with 2-(2-bromoarylidene)cyclobutanones. Organic Chemistry Frontiers, 2016, 3, 697-700.	4.5	6
30	Pharmacologic agents targeting autophagy. Journal of Clinical Investigation, 2015, 125, 5-13.	8.2	198
31	An unexpected three-component reaction of 2-alkylenecyclobutanone and Nâ€²-(2-alkynylbenzylidene)hydrazide with water. RSC Advances, 2015, 5, 85225-85228.	3.6	7
32	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. Journal of Cell Biology, 2015, 210, 705-716.	5.2	95
33	A palladium-catalyzed tandem reaction of 2-(2-bromobenzylidene)cyclobutanone with 2-alkynylphenol. Chemical Communications, 2015, 51, 16483-16485.	4.1	11
34	Activation of chaperone-mediated autophagy as a potential anticancer therapy. Autophagy, 2015, 11, 2370-2371.	9.1	18
35	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. ELife, 2015, 4, e06734.	6.0	80
36	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. Journal of Experimental Medicine, 2015, 212, 21210OIA79.	8.5	0

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37	Chaperone-mediated autophagy degrades mutant p53. Genes and Development, 2013, 27, 1718-1730.	5.9	154
38	Small molecule â€œonâ€•and â€œoffâ€•switches for autophagy. FASEB Journal, 2012, 26, 220.2.	0.5	0
39	Abstract SY36-03: Development of small-molecule inhibitors of autophagy as anticancer therapy. , 2012, , .		0
40	Diphenylbutylpiperidine-based cell autophagy inducers: Design, synthesis and SAR studies. MedChemComm, 2011, 2, 315.	3.4	5
41	Beclin1 Controls the Levels of p53 by Regulating the Deubiquitination Activity of USP10 and USP13. Cell, 2011, 147, 223-234.	28.9	687
42	Mitochondrial Electron Transport Chain Complex III Is Required for Antimycin A to Inhibit Autophagy. Chemistry and Biology, 2011, 18, 1474-1481.	6.0	73
43	Synthesis and SAR study of diphenylbutylpiperidines as cell autophagy inducers. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 234-239.	2.2	27
44	Total synthesis and cytotoxicity of bisebromoamide and its analogues. Tetrahedron Letters, 2011, 52, 2124-2127.	1.4	19
45	Control of basal autophagy by calpain1 mediated cleavage of ATG5. Autophagy, 2010, 6, 61-66.	9.1	170
46	A facile and highly efficient route to Î±-amino phosphonates via three-component reactions catalyzed by Mg(ClO4)2or molecular iodine. Organic and Biomolecular Chemistry, 2006, 4, 1663-1666.	2.8	86
47	Expeditious approach to Î±-amino phosphonates via three-component solvent-free reactions catalyzed by NBS or CBr4. Green Chemistry, 2006, 8, 365.	9.0	54
48	Palladium-catalyzed Suzukiâ€"Miyaura couplings of potassium aryl trifluoroborates with 4-tosyloxycoumarins or 4-tosyloxyquinolin-2(1H)-one. Tetrahedron Letters, 2006, 47, 1525-1528.	1.4	54
49	Sc(OTf)3-Catalyzed [3+2]-cycloaddition of aziridines with nitriles under solvent-free conditions. Tetrahedron Letters, 2006, 47, 1509-1512.	1.4	48
50	Molecular iodine: a highly efficient catalyst in the synthesis of quinolinesvia FriedlÃnder annulation. Organic and Biomolecular Chemistry, 2006, 4, 126-129.	2.8	153
51	A Highly Efficient Catalyst FeCl3 in the Synthesis ofÎ±-Amino Phosphonates via Three-component Reactions. Chinese Journal of Chemistry, 2006, 24, 1054-1057.	4.9	22
52	Ring Opening of Aziridines with Silylated Nucleophiles under Neutral Conditions. European Journal of Organic Chemistry, 2005, 2005, 4769-4772.	2.4	36
53	Tertiary amines as highly efficient catalysts in the ring-opening reactions of epoxides with amines or thiols in H2O: expeditious approach to Î²-amino alcohols and Î²-aminothioethers. Green Chemistry, 2005, 7, 708.	9.0	66