Gao-Feng Zha

List of Publications by Year
in descending order

29	1,124	448610	536525
papers	citations	19 h-index	29 g-index

29	29	29	1348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. Bioorganic Chemistry, 2021, 115, 105175.	2.0	49
2	Structure-activity relationships (SAR) of triazine derivatives: Promising antimicrobial agents. European Journal of Medicinal Chemistry, 2020, 185, 111804.	2.6	80
3	Stereoselective Construction of Nitrileâ€Substituted Cyclopropanes from 2â€Substituted Ethenesulfonyl Fluorides via Carbonâ€Sulfur Bond Cleavage. Advanced Synthesis and Catalysis, 2019, 361, 4596-4601.	2.1	16
4	A SO2F2 mediated mild, practical, and gram-scale dehydroxylative transforming primary alcohols to quaternary ammonium salts. Tetrahedron, 2019, 75, 4648-4656.	1.0	6
5	Making Carbonyls of Amides Nucleophilic and Hydroxyls of Alcohols Electrophilic Mediated by SO₂F₂ for Synthesis of Esters from Amides. Organic Letters, 2019, 21, 8657-8661.	2.4	17
6	Regioselective installation of fluorosulfate (â€“OSO2F) functionality into aromatic C(sp2)â€“H bonds for the construction of para-amino-arylfluorosulfates. Chemical Communications, 2019, 55, 6273-6276.	2.2	16
7	A Simple, Mild and General Oxidation of Alcohols to Aldehydes or Ketones by SO₂F₂/K₂CO₃ Using DMSO as Solvent and Oxidant. Advanced Synthesis and Catalysis, 2019, 361, 2262-2267.	2.1	38
8	Rh-Catalyzed Highly Enantioselective Synthesis of Aliphatic Sulfonyl Fluorides. IScience, 2019, 21, 695-705.	1.9	32
9	Discovery of novel arylethenesulfonyl fluorides as potential candidates against methicillin-resistant of Staphylococcus aureus (MRSA) for overcoming multidrug resistance of bacterial infections. European Journal of Medicinal Chemistry, 2019, 162, 364-377.	2.6	72
10	Pharmaceutical significance of azepane based motifs for drug discovery: A critical review. European Journal of Medicinal Chemistry, 2019, 162, 465-494.	2.6	55
11	Construction of Di(hetero)arylmethanes Through Pdâ€Catalyzed Direct Dehydroxylative Crossâ€Coupling of Benzylic Alcohols and Aryl Boronic Acids Mediated by Sulfuryl Fluoride (SO₂F₂). European Journal of Organic Chemistry, 2019, 2019, 1801-1807.	1.2	20
12	SO₂F₂-Mediated Oxidative Dehydrogenation and Dehydration of Alcohols to Alkynes. Journal of the American Chemical Society, 2018, 140, 17666-17673.	6.6	69
13	Ethenesulfonyl fluoride derivatives as telomerase inhibitors: structure-based design, SAR, and anticancer evaluation in vitro. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1266-1270.	2.5	19
14	Cooperativity of axial and centre chirality in the biaryl disulfoxide/Rh(<scp>i</scp>)-catalysed asymmetric 1,4-addition of arylboronic aids to 2-cyclohexenone: a DFT study. Organic and Biomolecular Chemistry, 2017, 15, 2226-2233.	1.5	4
15	Discovery of potential anticancer multi-targeted ligustrazine based cyclohexanone and oxime analogs overcoming the cancer multidrug resistance. European Journal of Medicinal Chemistry, 2017, 135, 34-48.	2.6	61
16	Synthesis, SAR and molecular docking studies of benzo[d]thiazole-hydrazones as potential antibacterial and antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3148-3155.	1.0	70
17	Synthesis of benzo[d]thiazole-hydrazone analogues: molecular docking and SAR studies of potential H⁺/K⁺ATPase inhibitors and anti-inflammatory agents. MedChemComm, 2017, 8, 1173-1189.	3.5	43
18	Palladiumâ€Catalyzed Fluorosulfonylvinylation of Organic Iodides. Angewandte Chemie - International Edition, 2017, 56, 4849-4852.	7.2	95

#	Article	IF	Citations
19	Palladiumâ€Catalyzed Fluorosulfonylvinylation of Organic Iodides. Angewandte Chemie, 2017, 129, 4927-4930.	1.6	31
20	Synthesis of a Class of Fused Î´â€Sultone Heterocycles via DBUâ€Catalyzed Direct Annulative SuFEx Click of Ethenesulfonyl Fluorides and Pyrazolones or 1,3â€Dicarbonyl Compounds. Advanced Synthesis and Catalysis, 2017, 359, 3254-3260.	2.1	36
21	Gramâ€Scale Synthesis of Î²â€(Hetero)arylethenesulfonyl Fluorides via a Pd(OAc)₂ Catalyzed Oxidative Heck Process with DDQ or AgNO₃ as an Oxidant. Advanced Synthesis and Catalysis, 2017, 359, 3237-3242.	2.1	55
22	Biological evaluation of synthetic Î±,Î²-unsaturated carbonyl based cyclohexanone derivatives as neuroprotective novel inhibitors of acetylcholinesterase, butyrylcholinesterase and amyloid-Î² aggregation. Bioorganic and Medicinal Chemistry, 2016, 24, 2352-2359.	1.4	31
23	Silver-mediated direct trifluoromethoxylation of Î±-diazo esters via the ^{â^’}OCF₃ anion. Chemical Communications, 2016, 52, 7458-7461.	2.2	77
24	Visible-light-mediated aerobic oxidative dimerizative annulation of Î²-carbonylketones: a facile strategy to construct highly functionalized furans. Tetrahedron Letters, 2016, 57, 4680-4683.	0.7	7
25	Perfluoroalkanesulfonylation of Alkynyl(phenyl)iodonium Tosylates by the Weakly Nucleophilic Sodium Perfluoroalkanesulfinates. Advanced Synthesis and Catalysis, 2016, 358, 4119-4124.	2.1	10
26	Expeditious trifluoromethylthiolation and trifluoromethylselenolation of alkynyl(phenyl)iodoniums by [XCF₃]^{â^’} (X = S, Se) anions. Organic and Biomolecular Chemistry, 2016, 14, 11502-11509.	1.5	52
27	[Ru(bpy)3]Cl2-catalyzed aerobic oxidative cleavage Î²-diketones to carboxylic acids under visible light irradiation. Tetrahedron Letters, 2016, 57, 5628-5631.	0.7	13
28	Ruthenium-catalyzed direct arylations with aryl chlorides. RSC Advances, 2016, 6, 30875-30885.	1.7	49
29	A simple synthetic approach for the transformation of (S)-Ugi's amine. Chinese Chemical Letters, 2014, 25, 1301-1304.	4.8	1