Shaa Zhou

List of Publications by Year
in descending order

35	413	840776	794594
papers	citations	11 h-index	19 g-index

36	36	36	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfimineâ€Promoted Fast O Transfer: Oneâ€“step Synthesis of Sulfoximine from Sulfide. ChemistrySelect, 2017, 2, 1620-1624.	1.5	64
2	Design, synthesis, biological activities and DFT calculation of novel 1,2,4-triazole Schiff base derivatives. Bioorganic Chemistry, 2018, 80, 253-260.	4.1	55
3	Chiral Dicarboxamide Scaffolds Containing a Sulfiliminyl Moiety as Potential Ryanodine Receptor Activators. Journal of Agricultural and Food Chemistry, 2014, 62, 6269-6277.	5.2	30
4	Novel phthalamides containing sulfiliminyl moieties and derivatives as potential ryanodine receptor modulators. Organic and Biomolecular Chemistry, 2014, 12, 6643.	2.8	24
5	Synthesis, Insecticidal Activities, and Structureâ€“Activity Relationship of Phenylpyrazole Derivatives Containing a Fluoro-Substituted Benzene Moiety. Journal of Agricultural and Food Chemistry, 2020, 68, 11282-11289.	5.2	24
6	Synthesis of Osthole Derivatives with Grignard Reagents and Their Larvicidal Activities on Mosquitoes. Chinese Journal of Chemistry, 2015, 33, 1353-1358.	4.9	14
7	Design, Synthesis, Structureâ€Activity Relationship and Insecticidal Activities of Trifluoromethylâ€Containing Sulfiliminyl and Sulfoximinyl Phthalic Acid Diamide Structure. Chinese Journal of Chemistry, 2014, 32, 567-572.	4.9	13
8	Design, synthesis and herbicidal activity study of aryl 2,6-disubstituted sulfonylureas as potent acetohydroxyacid synthase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3365-3369.	2.2	13
9	Design, Synthesis, Biological Evaluation and SARs of Novel Nâ€Substituted Sulfoximines as Potential Ryanodine Receptor Modulators. Chinese Journal of Chemistry, 2018, 36, 129-133.	4.9	13
10	Design, synthesis, antitumor activity and theoretical calculation of novel PI3Ka inhibitors. Bioorganic Chemistry, 2020, 98, 103737.	4.1	13
11	Synthesis, Crystal Structure, and Biological Activity of Novel Anthranilic Diamide Insecticide Containing Propargyl Ether Group. Journal of Heterocyclic Chemistry, 2016, 53, 1036-1045.	2.6	12
12	Research on controllable degradation of sulfonylurea herbicides. RSC Advances, 2016, 6, 23038-23047.	3.6	12
13	Controllable Soil Degradation Rate of 5-Substituted Sulfonylurea Herbicides as Novel AHAS Inhibitors. Journal of Agricultural and Food Chemistry, 2020, 68, 3017-3025.	5.2	12
14	Controllable Effect of Structural Modification of Sulfonylurea Herbicides on Soil Degradation. Chinese Journal of Chemistry, 2016, 34, 1135-1142.	4.9	11
15	Synthesis, biological activities, and SAR studies of novel 1-(2-chloro-4,5-difluorophenyl)-1H-pyrazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127535.	2.2	11
16	Research on Controllable Degradation of Novel Sulfonylurea Herbicides in Acidic and Alkaline Soils. Journal of Agricultural and Food Chemistry, 2017, 65, 7661-7668.	5.2	10
17	Design, synthesis and herbicidal activity of novel sulfonylureas containing triazole and oxadiazole moieties. Chemical Research in Chinese Universities, 2016, 32, 607-614.	2.6	8
18	Synthesis and antifungal activities of novel strobilurin derivatives containing quinolin-2(1H)-one moiety. Chemical Research in Chinese Universities, 2016, 32, 600-606.	2.6	7

#	Article	IF	Citations
19	Research on controllable alkaline soil degradation of 5-substituted chlorsulfuron. Chinese Chemical Letters, 2018, 29, 945-948.	9.0	7
20	Synthesis and Insecticidal Evaluation of Novel Anthranilic Diamides Derivatives Containing 4â€Chlorine Substituted N â€Pyridylpyrazole. Chinese Journal of Chemistry, 2021, 39, 75-80.	4.9	7
21	Design, synthesis and fungicidal activity of novel strobilurin-1,2,4-triazole derivatives containing furan or thiophene rings. Chemical Research in Chinese Universities, 2016, 32, 952-958.	2.6	6
22	Design, synthesis and insecticidal evaluation of novel N-pyridylpyrazolecarboxamide derivatives containing isoxazole, isoxazoline and 1,3,4-thiadiazole rings. Chemical Research in Chinese Universities, 2017, 33, 882-889.	2.6	6
23	Research on the controllable degradation of N-methylamido and dialkylamino substituted at the 5th position of the benzene ring in chlorsulfuron in acidic soil. RSC Advances, 2020, 10, 17870-17880.	3.6	6
24	Design, Synthesis and Insecticidal Evaluation of Anthranilic Diamides Containing Optically Pure Amino Acid Moiety. Chinese Journal of Chemistry, 2016, 34, 1218-1224.	4.9	5
25	Aluminum(III) Chloride Promoted Oxygen Transfer: Selective Oxidation of Sulfides to Sulfoxides. Synlett, 2018, 29, 340-343.	1.8	5
26	Degradation of 5-Dialkylamino-Substituted Chlorsulfuron Derivatives in Alkaline Soil. Molecules, 2022, 27, 1486.	3.8	5
27	The exploration of chiral N -cyano sulfiliminyl dicarboxamides on insecticidal activities. Chinese Chemical Letters, 2017, 28, 1499-1504.	9.0	4
28	Crossâ€resistance, fitness costs, and biochemical mechanism of laboratoryâ€selected resistance to tenvermectin <scp>A</scp> in Plutella xylostella. Pest Management Science, 2021, 77, 2826-2835.	3.4	4
29	Synthesis, insecticidal activities and structureâ€“activity relationship study of dual chiral sulfilimines. Molecular Diversity, 2017, 21, 915-923.	3.9	3
30	Targeted Synthesis of Anthranilic Diamides Insecticides Containing Trifluoroethoxyl Phenylpyrazole. Chemical Research in Chinese Universities, 2021, 37, 655-661.	2.6	3
31	Design, synthesis and herbicidal activity of novel sulfonylureas containing tetrahydrophthalimide substructure. Chemical Research in Chinese Universities, 2016, 32, 396-401.	2.6	2
32	Design, Synthesis, Biological Evaluation and SARs of Anthranilic Diamide Derivatives Containing Pyrrole Moieties. Chemical Research in Chinese Universities, 2020, 36, 1168-1173.	2.6	2
33	Synthesis, Herbicidal Activity, Crop Safety and Soil Degradation of Pyrimidine- and Triazine-Substituted Chlorsulfuron Derivatives. Molecules, 2022, 27, 2362.	3.8	2
34	Synthesis and Insecticidal Activities of Novel Optically Active Dicarboxamides Containing N-Trifluoroacetyl Sulfulimiyl Substituents. Chinese Journal of Organic Chemistry, 2021, 41, 3532.	1.3	0
35	Alkaline Soil Degradation and Crop Safety of 5-Substituted Chlorsulfuron Derivatives. Molecules, 2022, 27, 3318.	3.8	0