

# Shaa Zhou

## List of Publications by Year in descending order

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35  
papers

413  
citations

840776

11  
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794594

19  
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docs citations

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times ranked

438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of 5-Dialkylamino-Substituted Chlorsulfuron Derivatives in Alkaline Soil. <i>Molecules</i> , 2022, 27, 1486.	3.8	5
2	Synthesis, Herbicidal Activity, Crop Safety and Soil Degradation of Pyrimidine- and Triazine-Substituted Chlorsulfuron Derivatives. <i>Molecules</i> , 2022, 27, 2362.	3.8	2
3	Alkaline Soil Degradation and Crop Safety of 5-Substituted Chlorsulfuron Derivatives. <i>Molecules</i> , 2022, 27, 3318.	3.8	0
4	Synthesis and Insecticidal Evaluation of Novel Anthranilic Diamides Derivatives Containing 4-Chlorine Substituted N-Pyridylpyrazole. <i>Chinese Journal of Chemistry</i> , 2021, 39, 75-80.	4.9	7
5	Cross-resistance, fitness costs, and biochemical mechanism of laboratory-selected resistance to ivermectin in <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2021, 77, 2826-2835.	3.4	4
6	Synthesis and Insecticidal Activities of Novel Optically Active Dicarboxamides Containing N-Trifluoroacetyl Sulfilimyl Substituents. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3532.	1.3	0
7	Targeted Synthesis of Anthranilic Diamides Insecticides Containing Trifluoroethoxyl Phenylpyrazole. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 655-661.	2.6	3
8	Synthesis, biological activities, and SAR studies of novel 1-(2-chloro-4,5-difluorophenyl)-1H-pyrazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127535.	2.2	11
9	Design, Synthesis, Biological Evaluation and SARs of Anthranilic Diamide Derivatives Containing Pyrrole Moieties. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1168-1173.	2.6	2
10	Synthesis, Insecticidal Activities, and Structure-Activity Relationship of Phenylpyrazole Derivatives Containing a Fluoro-Substituted Benzene Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11282-11289.	5.2	24
11	Research on the controllable degradation of N-methylamido and dialkylamino substituted at the 5th position of the benzene ring in chlorsulfuron in acidic soil. <i>RSC Advances</i> , 2020, 10, 17870-17880.	3.6	6
12	Controllable Soil Degradation Rate of 5-Substituted Sulfonylurea Herbicides as Novel AHAS Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3017-3025.	5.2	12
13	Design, synthesis, antitumor activity and theoretical calculation of novel PI3Ka inhibitors. <i>Bioorganic Chemistry</i> , 2020, 98, 103737.	4.1	13
14	Research on controllable alkaline soil degradation of 5-substituted chlorsulfuron. <i>Chinese Chemical Letters</i> , 2018, 29, 945-948.	9.0	7
15	Aluminum(III) Chloride Promoted Oxygen Transfer: Selective Oxidation of Sulfides to Sulfoxides. <i>Synlett</i> , 2018, 29, 340-343.	1.8	5
16	Design, Synthesis, Biological Evaluation and SARs of Novel N-Substituted Sulfoximines as Potential Ryanodine Receptor Modulators. <i>Chinese Journal of Chemistry</i> , 2018, 36, 129-133.	4.9	13
17	Design, synthesis, biological activities and DFT calculation of novel 1,2,4-triazole Schiff base derivatives. <i>Bioorganic Chemistry</i> , 2018, 80, 253-260.	4.1	55
18	The exploration of chiral N-cyano sulfiliminy dicarboxamides on insecticidal activities. <i>Chinese Chemical Letters</i> , 2017, 28, 1499-1504.	9.0	4

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19	Sulfinimineâ€Promoted Fast O Transfer: Oneâ€step Synthesis of Sulfoximine from Sulfide. <i>ChemistrySelect</i> , 2017, 2, 1620-1624.	1.5	64
20	Design, synthesis and herbicidal activity study of aryl 2,6-disubstituted sulfonylureas as potent acetohydroxyacid synthase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3365-3369.	2.2	13
21	Synthesis, insecticidal activities and structureâ€activity relationship study of dual chiral sulfilimines. <i>Molecular Diversity</i> , 2017, 21, 915-923.	3.9	3
22	Research on Controllable Degradation of Novel Sulfonylurea Herbicides in Acidic and Alkaline Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7661-7668.	5.2	10
23	Design, synthesis and insecticidal evaluation of novel N-pyridylpyrazolecarboxamide derivatives containing isoxazole, isoxazoline and 1,3,4-thiadiazole rings. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 882-889.	2.6	6
24	Design, synthesis and herbicidal activity of novel sulfonylureas containing tetrahydrophthalimide substructure. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 396-401.	2.6	2
25	Design, Synthesis and Insecticidal Evaluation of Anthranilic Diamides Containing Optically Pure Amino Acid Moiety. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1218-1224.	4.9	5
26	Synthesis and antifungal activities of novel strobilurin derivatives containing quinolin-2(1H)-one moiety. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 600-606.	2.6	7
27	Design, synthesis and herbicidal activity of novel sulfonylureas containing triazole and oxadiazole moieties. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 607-614.	2.6	8
28	Design, synthesis and fungicidal activity of novel strobilurin-1,2,4-triazole derivatives containing furan or thiophene rings. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 952-958.	2.6	6
29	Controllable Effect of Structural Modification of Sulfonylurea Herbicides on Soil Degradation. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1135-1142.	4.9	11
30	Synthesis, Crystal Structure, and Biological Activity of Novel Anthranilic Diamide Insecticide Containing Propargyl Ether Group. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1036-1045.	2.6	12
31	Research on controllable degradation of sulfonylurea herbicides. <i>RSC Advances</i> , 2016, 6, 23038-23047.	3.6	12
32	Synthesis of Osthole Derivatives with Grignard Reagents and Their Larvicidal Activities on Mosquitoes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1353-1358.	4.9	14
33	Design, Synthesis, Structureâ€Activity Relationship and Insecticidal Activities of Trifluoromethylâ€Containing Sulfiliminyl and Sulfoximinyl Phthalic Acid Diamide Structure. <i>Chinese Journal of Chemistry</i> , 2014, 32, 567-572.	4.9	13
34	Novel phthalamides containing sulfiliminyl moieties and derivatives as potential ryanodine receptor modulators. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6643.	2.8	24
35	Chiral Dicarboxamide Scaffolds Containing a Sulfiliminyl Moiety as Potential Ryanodine Receptor Activators. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6269-6277.	5.2	30