

# Guisen Zhang

## List of Publications by Year in descending order

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39  
papers

540  
citations

759233

12  
h-index

677142

22  
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40  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Biological Investigation of Coumarin Piperazine (Piperidine) Derivatives as Potential Multireceptor Atypical Antipsychotics. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4671-4690.	6.4	112
2	Synthesis and Biological Evaluation of Novel Sigma-1 Receptor Antagonists Based on Pyrimidine Scaffold As Agents for Treating Neuropathic Pain. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10404-10423.	6.4	44
3	Synthesis and Biological Evaluation of Fused Tricyclic Heterocycle Piperazine (Piperidine) Derivatives As Potential Multireceptor Atypical Antipsychotics. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10017-10039.	6.4	39
4	Synthesis and evaluation of new coumarin derivatives as potential atypical antipsychotics. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 427-439.	5.5	31
5	Synthesis and biological evaluation of a novel sigma-1 receptor antagonist based on 3,4-dihydro-2(1H)-quinolinone scaffold as a potential analgesic. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 216-230.	5.5	28
6	Synthesis and Biological Evaluation of Novel $\sigma_1$ Receptor Ligands for Treating Neuropathic Pain: 6-Hydroxypyridazinones. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2942-2961.	6.4	28
7	Synthesis and biological evaluation of a series of benzoxazole/benzothiazole-containing 2,3-dihydrobenzo[b][1,4]dioxine derivatives as potential antidepressants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1766-1770.	2.2	22
8	Piperidine propionamide as a scaffold for potent sigma-1 receptor antagonists and mu opioid receptor agonists for treating neuropathic pain. <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112144.	5.5	16
9	Bifunctional $\mu$ opioid and $\delta$ 1 receptor ligands as novel analgesics with reduced side effects. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113658.	5.5	16
10	Synthesis and evaluation of amide, sulfonamide and urea " benzisoxazole derivatives as potential atypical antipsychotics. <i>MedChemComm</i> , 2015, 6, 831-838.	3.4	15
11	Isolation, identification and characterization of two novel process-related impurities in olanzapine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 188-196.	2.8	15
12	Synthesis and Evaluation of a Series of 2-Substituted-5-Thiopropylpiperazine (Piperidine)-1,3,4-Oxadiazoles Derivatives as Atypical Antipsychotics. <i>PLoS ONE</i> , 2012, 7, e35186.	2.5	14
13	Synthesis and biological evaluation of new 6-hydroxypyridazinone benzisoxazoles: Potential multi-receptor-targeting atypical antipsychotics. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 713-728.	5.5	13
14	Synthesis and Evaluation of a Series of Piperidine-2,6-dione-piperazine (piperidine) Derivatives as Multireceptor Atypical Antipsychotics. <i>Archiv Der Pharmazie</i> , 2012, 345, 859-869.	4.1	12
15	Discovery of Novel and Potent N-Methyl-D-aspartate Receptor Positive Allosteric Modulators with Antidepressant-like Activity in Rodent Models. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5551-5576.	6.4	12
16	Two Novel Palbociclib-Resorcinol and Palbociclib-Orcinol Cocrystals with Enhanced Solubility and Dissolution Rate. <i>Pharmaceutics</i> , 2022, 14, 23.	4.5	12
17	Optimization of bifunctional piperidinamide derivatives as $\delta$ 1R Antagonists/MOR agonists for treating neuropathic pain. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113879.	5.5	11
18	Synthesis and Evaluation of Novel 2,3-Dihydrobenzo[b][1,4]dioxin and Indolealkylamine Derivatives as Potential Antidepressants. <i>Archiv Der Pharmazie</i> , 2014, 347, 32-41.	4.1	10

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19	Pharmacological Characterization of H05, a Novel Serotonin and Noradrenaline Reuptake Inhibitor with Moderate 5-HT <sub>2A</sub> Antagonist Activity for the Treatment of Depression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 624-635.	2.5	9
20	Open tubular CEC in a microfluidic chip for rapid chiral recognition. <i>Journal of Separation Science</i> , 2009, 32, 374-380.	2.5	8
21	New Cocrystals of Antipsychotic Drug Aripiprazole: Decreasing the Dissolution through Cocrystallization. <i>Molecules</i> , 2021, 26, 2414.	3.8	8
22	Synthesis and Biological Evaluation of Sigma <sub>1</sub> Receptor Ligands Based on Phenyl-1,2,4-oxadiazole Derivatives. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800599.	2.1	7
23	Isoquinolinone derivatives as potent CNS multi-receptor D2/5-HT <sub>1A</sub> /5-HT <sub>2A</sub> /5-HT <sub>6</sub> /5-HT <sub>7</sub> agents: Synthesis and pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112709.	5.5	7
24	Synthesis and biological evaluation of a new class of multi-target heterocycle piperazine derivatives as potential antipsychotics. <i>RSC Advances</i> , 2021, 11, 16931-16941.	3.6	6
25	Effect of Co-Treatment of Olanzapine with SEP-363856 in Mice Models of Schizophrenia. <i>Molecules</i> , 2022, 27, 2550.	3.8	5
26	The Potential Antidepressant Action of Duloxetine Co-Administered with the TAAR1 Receptor Agonist SEP-363856 in Mice. <i>Molecules</i> , 2022, 27, 2755.	3.8	5
27	Synthesis and Evaluation of Fluorine-Substituted Phenyl Acetate Derivatives as Ultra-Short Recovery Sedative/Hypnotic Agents. <i>PLoS ONE</i> , 2014, 9, e96518.	2.5	4
28	Polymorphs and pharmacokinetics of an antipsychotic drug candidate. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119600.	5.2	4
29	Phenyl acetate derivatives, fluorine-substituted on the phenyl group, as rapid recovery hypnotic agents with reflex depression. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 524-539.	5.5	3
30	Synthesis and evaluation of histamine H <sub>3</sub> receptor ligand based on lactam scaffold as agents for treating neuropathic pain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1492-1496.	2.2	3
31	Polymorphs of DP-VPA Solid Solutions and Their Physicochemical Properties. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2156-2165.	3.3	3
32	Discovery of a new class of multi-target heterocycle piperidine derivatives as potential antipsychotics with pro-cognitive effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127909.	2.2	3
33	Isolation, structural characterization and quality control strategy of an unknown process-related impurity in sugammadex sodium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114072.	2.8	3
34	Drug-drug eutectic mixtures of celecoxib with tapentadol and milnacipran which could improve analgesic and antidepressant efficacy. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102995.	3.0	3
35	Isolation and Structure Characterization of Two Novel Degradation Products in Flupirtine Maleate Formulation by Prep-HPLC, LC-MS/Q-TOF and 2D-NMR. <i>Chromatographia</i> , 2016, 79, 1041-1047.	1.3	2
36	Design, Synthesis and Biological Investigation of Flavone Derivatives as Potential Multi-Receptor Atypical Antipsychotics. <i>Molecules</i> , 2020, 25, 4107.	3.8	2

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37	Do positive allosteric modulators (PAMs) of the MOR exert antinociception with reduced side effects under pathological conditions?. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	2
38	Design, synthesis, and evaluation of phenylpiperazine-phenylacetate derivatives as rapid recovery hypnotic agents. Bioorganic and Medicinal Chemistry Letters, 2022, 57, 128497.	2.2	2
39	Structural elucidation and synthesis of a dimeric degradation impurity during long-term stability studies of oxycodone hydrochloride injection. New Journal of Chemistry, 0, , .	2.8	1