

# Guisen Zhang

## List of Publications by Year in descending order

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39  
papers

540  
citations

759233

12  
h-index

677142

22  
g-index

40  
all docs

40  
docs citations

40  
times ranked

617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and evaluation of phenylpiperazine-phenylacetate derivatives as rapid recovery hypnotic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 57, 128497.	2.2	2
2	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
3	Two Novel Palbociclib-Resorcinol and Palbociclib-Orcinol Cocrystals with Enhanced Solubility and Dissolution Rate. <i>Pharmaceutics</i> , 2022, 14, 23.	4.5	12
4	Effect of Co-Treatment of Olanzapine with SEP-363856 in Mice Models of Schizophrenia. <i>Molecules</i> , 2022, 27, 2550.	3.8	5
5	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
6	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
7	New Cocrystals of Antipsychotic Drug Aripiprazole: Decreasing the Dissolution through Cocrystallization. <i>Molecules</i> , 2021, 26, 2414.	3.8	8
8	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
9	Discovery of Novel and Potent <i>N</i> -Methyl- <i>D</i> -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
10	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
11	Do positive allosteric modulators (PAMs) of the MOR exert antinociception with reduced side effects under pathological conditions?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	2
12	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
13	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
14	Isoquinolinone derivatives as potent CNS multi-receptor D2/5-HT1A/5-HT2A/5-HT6/5-HT7 agents: Synthesis and pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112709.	5.5	7
15	Design, Synthesis and Biological Investigation of Flavone Derivatives as Potential Multi-Receptor Atypical Antipsychotics. <i>Molecules</i> , 2020, 25, 4107.	3.8	2
16	Polymorphs and pharmacokinetics of an antipsychotic drug candidate. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119600.	5.2	4
17	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
18	Polymorphs of DP-VPA Solid Solutions and Their Physicochemical Properties. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2156-2165.	3.3	3

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19	Synthesis and evaluation of histamine H3 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
20	Synthesis and Biological Evaluation of Sigma-1 ( $\sigma_1$ ) Receptor Ligands Based on Phenyl-1,2,4-oxadiazole Derivatives. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800599.	2.1	7
21	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
22	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
23	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
24	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
25	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
26	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
27	Synthesis and evaluation of amide, sulfonamide and urea benzisoxazole derivatives as potential atypical antipsychotics. <i>MedChemComm</i> , 2015, 6, 831-838.	3.4	15
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	Synthesis and Evaluation of a Series of 2-Substituted-5-Thiopropylpiperazine (Piperidine)-1,3,4-Oxadiazoles Derivatives as Atypical Antipsychotics. PLoS ONE, 2012, 7, e35186.	2.5	14
38	Open tubular CEC in a microfluidic chip for rapid chiral recognition. Journal of Separation Science, 2009, 32, 374-380.	2.5	8
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