

# Qiong Xie

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

756  
citations

516710  
16  
h-index

580821  
25  
g-index

50  
all docs

50  
docs citations

50  
times ranked

961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Bioevaluation of 2-Aminopteridin-7(8 <i>H</i> )-one Derivatives as Novel Potent Adenosine A <sub>2A</sub> Receptor Antagonists for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4367-4386.	6.4	10
2	Discovery of Orally Available Retinoic Acid Receptor-Related Orphan Receptor $\gamma$ -t/Dihydroorotate Dehydrogenase Dual Inhibitors for the Treatment of Refractory Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 592-615.	6.4	4
3	ROR $\gamma$ t agonist enhances anti-PD-1 therapy by promoting monocyte-derived dendritic cells through CXCL10 in cancers. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 155.	8.6	11
4	Cholinergic Neuron Targeting Nanosystem Delivering Hybrid Peptide for Combinatorial Mitochondrial Therapy in Alzheimer's Disease. <i>ACS Nano</i> , 2022, 16, 11455-11472.	14.6	25
5	Crystallography-guided discovery of carbazole-based retinoic acid-related orphan receptor gamma-t (ROR $\gamma$ t) modulators: insights into different protein behaviors with short- and long-acting inverse agonists. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1524-1534.	6.1	5
6	Discovery of tetrahydroquinolines and benzomorpholines as novel potent ROR $\gamma$ t agonists. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113013.	5.5	8
7	Exploration of the SAR Connection between Morphinan- and Arylacetamide-Based $\mu$ Opioid Receptor ( $\mu$ OR) Agonists Using the Strategy of Bridging. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1018-1030.	3.5	7
8	Agonist Lock Touched and Untouched Retinoic Acid Receptor-Related Orphan Receptor- $\gamma$ t (ROR $\gamma$ t) Inverse Agonists: Classification Based on the Molecular Mechanisms of Action. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10519-10536.	6.4	19
9	Discovery of an <i>M</i> -Substituted <i>N</i> -Cyclopropylmethyl-7-phenyl-6,14-endoethanotetrahydronorthebaine as a Selective, Potent, and Orally Active $\mu$ -Opioid Receptor Agonist with an Improved Central Nervous System Safety Profile. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12414-12433.	6.4	8
10	ROR $\gamma$ t agonist synergizes with CTLA-4 antibody to inhibit tumor growth through inhibition of Treg cells via TGF- $\beta$ signaling in cancer. <i>Pharmacological Research</i> , 2021, 172, 105793.	7.1	6
11	Discovery of tert-amine-based ROR $\gamma$ t agonists. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113704.	5.5	5
12	Discovery of novel BTK PROTACs for B-Cell lymphomas. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113820.	5.5	24
13	Adenosine A <sub>2A</sub> Receptor Antagonists for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12196-12212.	6.4	48
14	Discovery of carboxyl-containing biaryl ureas as potent ROR $\gamma$ t inverse agonists. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112536.	5.5	9
15	Discovery of aryl-substituted indole and indoline derivatives as ROR $\gamma$ t agonists. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111589.	5.5	11
16	Discovery of N-indanyl benzamides as potent ROR $\gamma$ t inverse agonists. <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 37-48.	5.5	18
17	Effects of BIS-MEP on Reversing Amyloid Plaque Deposition and Spatial Learning and Memory Impairments in a Mouse Model of $\beta$ -Amyloid Peptide- and Ibotenic Acid-Induced Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 3.	3.4	9
18	Discovery of a Highly Selective and Potent $\mu$ Opioid Receptor Agonist from <i>N</i> -Cyclopropylmethyl-7-phenyl-6,14-endoethanotetrahydronorthebaines with Reduced Central Nervous System (CNS) Side Effects Navigated by the Message-Address Concept. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11054-11070.	6.4	12

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19	Palladium-Catalyzed Synthesis of 1,2-Diaryl 1,2-Unsaturated Ketones. <i>Synthesis</i> , 2019, 51, 1455-1465.	2.3	7
20	Discovery of carbazole carboxamides as novel ROR $\alpha$ inverse agonists. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 465-476.	5.5	24
21	Discovery, cocrystallization and biological evaluation of novel piperidine derivatives as high affinity Ls-AChBP ligands possessing 17 nAChR activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 37-48.	5.5	1
22	Bis(9)-(10)-Meptazinol, a novel dual-binding AChE inhibitor, rescues cognitive deficits and pathological changes in APP/PS1 transgenic mice. <i>Translational Neurodegeneration</i> , 2018, 7, 21.	8.0	14
23	7-Methyl substituent is a structural locus associated with activity cliff for nepenthone analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4254-4263.	3.0	9
24	Discovery of novel 20S proteasome inhibitors by rational topology-based scaffold hopping of bortezomib. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2148-2152.	2.2	9
25	Synthetic access to isoxazoline-functionalized isoquinolines via microwave-assisted iminoxyl radical-participated cascade cyclization of vinyl isocyanides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4996-5005.	2.8	12
26	Pharmacophore-based design and discovery of (10)-meptazinol carbamates as dual modulators of cholinesterase and amyloidogenesis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 659-671.	5.2	10
27	The Pharmacological Heterogeneity of Nepenthone Analogs in Conferring Highly Selective and Potent $\mu$ -Opioid Agonistic Activities. <i>ACS Chemical Neuroscience</i> , 2017, 8, 766-776.	3.5	13
28	Discovery, synthesis, biological evaluation and structure-based optimization of novel piperidine derivatives as acetylcholine-binding protein ligands. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 146-155.	6.1	5
29	Microwave-assisted synthesis of hydroxyl-containing isoquinolines by metal-free radical cyclization of vinyl isocyanides with alcohols. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10044-10052.	2.8	17
30	Palladium-Catalyzed Cascade Saegusa-Heck Reaction: Synthesis of 1,2-Diarylacroleins from Arylpropanals and Aryl Iodides. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5880-5883.	2.4	4
31	Microwave-Assisted Radical Insertion/Cyclization of Vinyl Isocyanides for the Synthesis of Multi-Substituted Isoquinolines. <i>ChemistrySelect</i> , 2017, 2, 8033-8038.	1.5	6
32	On-Water Silver(I)-Catalyzed Cycloisomerization of Acetylenic Free Amines/Amides towards 7-Azaindole/Indole/Isoquinolone Derivatives. <i>Synthesis</i> , 2017, 49, 4845-4852.	2.3	14
33	Cadmium(II)-Triazole Framework as a Luminescent Probe for Ca <sup>2+</sup> and Cyano Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10459-10474.	3.3	75
34	Solvent-Induced Single Crystal-Single Crystal Transformation of an Interpenetrated Three-Dimensional Copper Triazole Catalytic Framework. <i>Inorganic Chemistry</i> , 2016, 55, 4069-4071.	4.0	26
35	Microwave-Assisted Synthesis of Phenanthridines by Radical Insertion/Cyclization of Biphenyl Isocyanides. <i>Journal of Organic Chemistry</i> , 2016, 81, 8426-8435.	3.2	42
36	(10)-Meptazinol-melatonin hybrids as novel dual inhibitors of cholinesterases and amyloid- $\beta$ aggregation with high antioxidant potency for Alzheimer's therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3110-3118.	3.0	22

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37	Meserine, a Novel Carbamate $\text{AChE}$ Inhibitor, Ameliorates Scopolamine-Induced Dementia and Alleviates Amyloidogenesis of $\text{APP}/\text{PS}1$ Transgenic Mice. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 165-171.	3.9	15
38	Determination of a novel carbamate $\text{AChE}$ inhibitor meserine in mouse plasma, brain and rat plasma by LC-MS/MS: Application to pharmacokinetic study after intravenous and subcutaneous administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 156-161.	2.8	4
39	Theoretical and NMR investigations on the conformations of $(\hat{\alpha})$ -meptazinol hydrochloride in solution. <i>Molecular Simulation</i> , 2013, 39, 1065-1069.	2.0	2
40	Bis(9)- $(\hat{\alpha})$ -nor-meptazinol as a novel dual-binding $\text{AChEI}$ potently ameliorates scopolamine-induced cognitive deficits in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 104, 138-143.	2.9	23
41	Determination of Bis(9)- $(\hat{\alpha})$ -Meptazinol, a bis-ligand for Alzheimer's disease, in rat plasma by liquid chromatography-tandem mass spectrometry: Application to pharmacokinetics study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 881-882, 126-130.	2.3	2
42	Novel bis- $(\hat{\alpha})$ -nor-meptazinol derivatives act as dual binding site $\text{AChE}$ inhibitors with metal-complexing property. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 65-72.	2.8	16
43	Synthesis and evaluation of $\hat{\mu}$ -opioid receptor agonistic activity and antinociceptive effect of novel morphine analogues, 7 $\hat{\mu}$ -phenyl-6 $\hat{\mu}$ ,14 $\hat{\mu}$ -endo-ethteno-tetrahydrothebaine with substituted o-, m- and p-amino group. <i>Medicinal Chemistry Research</i> , 2011, 20, 1364-1370.	2.4	9
44	The Crystal Structure of a Complex of Acetylcholinesterase with a Bis- $(\hat{\alpha})$ -nor-meptazinol Derivative Reveals Disruption of the Catalytic Triad. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2543-2549.	6.4	22
45	1-Ethyl-4-hydroxy-9-azatricyclo[7.4.1.0 $^{2,7}$ ]tetradeca-2,4,6-trien-8-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o3008-o3008.	0.2	0
46	Bis- $(\hat{\alpha})$ -nor-meptazinols as Novel Nanomolar Cholinesterase Inhibitors with High Inhibitory Potency on Amyloid- $\hat{\beta}$ Aggregation. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2027-2036.	6.4	79
47	Conformational re-analysis of (+)-meptazinol: an opioid with mixed analgesic pharmacophores. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1247-1252.	6.1	3
48	Investigation of the binding mode of $(\hat{\alpha})$ -meptazinol and bis-meptazinol derivatives on acetylcholinesterase using a molecular docking method. <i>Journal of Molecular Modeling</i> , 2006, 12, 390-397.	1.8	20
49	Design, synthesis, and bioavailability evaluation of coumarin-based prodrug of meptazinol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4953-4956.	2.2	12