

Qiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

933447

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1058476

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14
all docs

14
docs citations

14
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the pentameric ligand-gated ion channel ELIC cocrystallized with its competitive antagonist acetylcholine. <i>Nature Communications</i> , 2012, 3, 714.	12.8	91
2	Structural basis of neurosteroid anesthetic action on GABA _A receptors. <i>Nature Communications</i> , 2018, 9, 3972.	12.8	56
3	Anesthetic Binding in a Pentameric Ligand-Gated Ion Channel: GLIC. <i>Biophysical Journal</i> , 2010, 99, 1801-1809.	0.5	43
4	Conformational Changes Underlying Desensitization of the Pentameric Ligand-Gated Ion Channel ELIC. <i>Structure</i> , 2015, 23, 995-1004.	3.3	38
5	Direct Pore Binding as a Mechanism for Isoflurane Inhibition of the Pentameric Ligand-gated Ion Channel ELIC. <i>Scientific Reports</i> , 2015, 5, 13833.	3.3	28
6	Structures of highly flexible intracellular domain of human $\alpha 7$ nicotinic acetylcholine receptor. <i>Nature Communications</i> , 2022, 13, 793.	12.8	23
7	Common Anesthetic-binding Site for Inhibition of Pentameric Ligand-gated Ion Channels. <i>Anesthesiology</i> , 2016, 124, 664-673.	2.5	14
8	The molecular determinants of neurosteroid binding in the GABA(A) receptor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 192, 105383.	2.5	14
9	Structural Basis of Alcohol Inhibition of the Pentameric Ligand-Gated Ion Channel ELIC. <i>Structure</i> , 2017, 25, 180-187.	3.3	12
10	Regulation and drug modulation of a voltage-gated sodium channel: Pivotal role of the S4-S5 linker in activation and slow inactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
11	¹⁹ F Paramagnetic Relaxation-Based NMR for Quaternary Structural Restraints of Ion Channels. <i>ACS Chemical Biology</i> , 2019, 14, 2160-2165.	3.4	6
12	Ketamine Inhibition of the Pentameric Ligand-Gated Ion Channel GLIC. <i>Biophysical Journal</i> , 2017, 113, 605-612.	0.5	4
13	A Thermal Place Preference Test for Discovery of Neuropathic Pain Drugs. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1006-1012.	3.5	3
14	X-Ray Crystallographic Studies for Revealing Binding Sites of General Anesthetics in Pentameric Ligand-Gated Ion Channels. <i>Methods in Enzymology</i> , 2018, 603, 21-47.	1.0	1