

Zi-Wei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

717
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759233

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1058476

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16
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docs citations

16
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	A propofol binding site on mammalian GABAA receptors identified by photolabeling. <i>Nature Chemical Biology</i> , 2013, 9, 715-720.	8.0	199
2	Deep Amino Acid Sequencing of Native Brain GABAA Receptors Using High-Resolution Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011445.	3.8	135
3	Multiple functional neurosteroid binding sites on GABAA receptors. <i>PLoS Biology</i> , 2019, 17, e3000157.	5.6	76
4	Neurosteroid Analog Photolabeling of a Site in the Third Transmembrane Domain of the $\alpha 3$ Subunit of the GABA _A Receptor. <i>Molecular Pharmacology</i> , 2012, 82, 408-419.	2.3	69
5	Photoaffinity labeling with cholesterol analogues precisely maps a cholesterol-binding site in voltage-dependent anion channel-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 9294-9304.	3.4	54
6	Site-specific effects of neurosteroids on GABAA receptor activation and desensitization. <i>ELife</i> , 2020, 9, .	6.0	32
7	Mapping two neurosteroid-modulatory sites in the prototypic pentameric ligand-gated ion channel GLIC. <i>Journal of Biological Chemistry</i> , 2018, 293, 3013-3027.	3.4	28
8	Multiple neurosteroid and cholesterol binding sites in voltage-dependent anion channel-1 determined by photo-affinity labeling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1269-1279.	2.4	26
9	A Synthetic 18-Norsteroid Distinguishes between Two Neuroactive Steroid Binding Sites on GABA _A Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 404-413.	2.5	22
10	Click Chemistry Reagent for Identification of Sites of Covalent Ligand Incorporation in Integral Membrane Proteins. <i>Analytical Chemistry</i> , 2017, 89, 2636-2644.	6.5	20
11	Common binding sites for cholesterol and neurosteroids on a pentameric ligand-gated ion channel. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 128-136.	2.4	18
12	A neurosteroid analogue photolabeling reagent labels the colchicine-binding site on tubulin: A mass spectrometric analysis. <i>Electrophoresis</i> , 2012, 33, 666-674.	2.4	16
13	11-trifluoromethyl-phenyldiaziriny neurosteroid analogues: potent general anesthetics and photolabeling reagents for GABAA receptors. <i>Psychopharmacology</i> , 2014, 231, 3479-3491.	3.1	12
14	Validation of Trifluoromethylphenyl Diazirine Cholesterol Analogues As Cholesterol Mimetics and Photolabeling Reagents. <i>ACS Chemical Biology</i> , 2021, 16, 1493-1507.	3.4	9