

Marcel P Goldschen-Ohm

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

366
citations

840776

11
h-index

996975

15
g-index

28
all docs

28
docs citations

28
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	The surprising difficulty of "simple" equilibrium binding measurements on ligand-gated ion channels. <i>Journal of General Physiology</i> , 2022, 154, .	1.9	1
2	The Visual Lightcurve of Comet C/1995 O1 (Hale-Bopp) from 1995 to 1999. <i>Planetary Science Journal</i> , 2021, 2, 17.	3.6	7
3	A critical residue in the $\hat{1}\pm 1M2\hat{a}\text{€}M3$ linker regulating mammalian GABAA receptor pore gating by diazepam. <i>ELife</i> , 2021, 10, .	6.0	13
4	Unsupervised selection of optimal single-molecule time series idealization criterion. <i>Biophysical Journal</i> , 2021, 120, 4472-4483.	0.5	1
5	Single-molecule imaging with cell-derived nanovesicles reveals early binding dynamics at a cyclic nucleotide-gated ion channel. <i>Nature Communications</i> , 2021, 12, 6459.	12.8	5
6	Top-down machine learning approach for high-throughput single-molecule analysis. <i>ELife</i> , 2020, 9, .	6.0	33
7	Batrachotoxin acts as a stent to hold open homotetrameric prokaryotic voltage-gated sodium channels. <i>Journal of General Physiology</i> , 2019, 151, 186-199.	1.9	20
8	Observing Single-Molecule Dynamics at Millimolar Concentrations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2399-2402.	13.8	42
9	Observing Single-Molecule Dynamics at Millimolar Concentrations. <i>Angewandte Chemie</i> , 2017, 129, 2439-2442.	2.0	18
10	SnapShot: Channel Gating Mechanisms. <i>Cell</i> , 2017, 170, 594-594.e1.	28.9	14
11	Exocytotic fusion pores are composed of both lipids and proteins. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 67-73.	8.2	74
12	Structure and dynamics underlying elementary ligand binding events in human pacemaking channels. <i>ELife</i> , 2016, 5, .	6.0	42
13	A nonequilibrium binary elements-based kinetic model for benzodiazepine regulation of GABAA receptors. <i>Journal of General Physiology</i> , 2014, 144, 27-39.	1.9	30
14	Three Arginines in the GABA _A Receptor Binding Pocket Have Distinct Roles in the Formation and Stability of Agonist- versus Antagonist-Bound Complexes. <i>Molecular Pharmacology</i> , 2011, 80, 647-656.	2.3	27
15	An Epilepsy-Related Region in the GABA _A Receptor Mediates Long-Distance Effects on GABA and Benzodiazepine Binding Sites. <i>Molecular Pharmacology</i> , 2010, 77, 35-45.	2.3	38