

# Marcel P Goldschen-Ohm

## List of Publications by Year in descending order

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15  
papers

366  
citations

840776

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g-index

28  
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28  
docs citations

28  
times ranked

554  
citing authors

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