Manu Ben-Johny

List of Publications by Year
in descending order

28	1,103	623734	526287
papers	citations	14 h-index	27 g-index

31	31	31	1399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A bridge from the endoplasmic reticulum to the plasma membrane comes into view. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2202254119.	7.1	2
2	Development of high-affinity nanobodies specific for NaV1.4 and NaV1.5 voltage-gated sodium channel isoforms. Journal of Biological Chemistry, 2022, 298, 101763.	3.4	7
3	Structural architecture of the human NALCN channelosome. Nature, 2022, 603, 180-186.	27.8	18
4	Fibroblast growth factor homologous factors serve as a molecular rheostat in tuning arrhythmogenic cardiac late sodium current. , 2022, 1, 1-13.		8
5	Adrenergic Ca _V 1.2 Activation via Rad Phosphorylation Converges at Î± _{1C} I-II Loop. Circulation Research, 2021, 128, 76-88.	4.5	39
6	The molecular basis of the inhibition of CaV1 calcium-dependent inactivation by the distal carboxy tail. Journal of Biological Chemistry, 2021, 296, 100502.	3.4	6
7	Probing ion channel macromolecular interactions using fluorescence resonance energy transfer. Methods in Enzymology, 2021, 653, 319-347.	1.0	9
8	Elementary mechanisms of calmodulin regulation of NaV1.5 producing divergent arrhythmogenic phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2025085118.	7.1	13
9	Structural basis of cytoplasmic NaV1.5 and NaV1.4 regulation. Journal of General Physiology, 2021, 153, .	1.9	15
10	CaV channels reject signaling from a second CaM in eliciting Ca2+-dependent feedback regulation. Journal of Biological Chemistry, 2020, 295, 14948-14962.	3.4	3
11	Spectral hallmark of auditory-tactile interactions in the mouse somatosensory cortex. Communications Biology, 2020, 3, 64.	4.4	15
12	Mechanism of adrenergic CaV1.2 stimulation revealed by proximity proteomics. Nature, 2020, 577, 695-700.	27.8	163
13	Fibroblast growth factor homologous factors tune arrhythmogenic late NaV1.5 current in calmodulin bindingâ€“deficient channels. JCI Insight, 2020, 5, .	5.0	16
14	Cutting out the fat: Site-specific deacylation of an ion channel. Journal of Biological Chemistry, 2020, 295, 16497-16498.	3.4	2
15	Ca2+-dependent regulation of sodium channels NaV1.4 and NaV1.5 is controlled by the post-IQ motif. Nature Communications, 2019, 10, 1514.	12.8	30
16	Bilobal architecture is a requirement for calmodulin signaling to Ca _V 1.3 channels. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3026-E3035.	7.1	20
17	Duplex signaling by CaM and Stac3 enhances CaV1.1 function and provides insights into congenital myopathy. Journal of General Physiology, 2018, 150, 1145-1161.	1.9	16
18	Allosteric regulators selectively prevent Ca2+-feedback of CaV and NaV channels. ELife, 2018, 7, .	6.0	31

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19	TPC2 polymorphisms associated with a hair pigmentation phenotype in humans result in gain of channel function by independent mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8595-E8602.	7.1	55
20	Detecting stoichiometry of macromolecular complexes in live cells using FRET. Nature Communications, 2016, 7, 13709.	12.8	55
21	An autism-associated mutation in CaV1.3 channels has opposing effects on voltage- and Ca2+-dependent regulation. Scientific Reports, 2016, 6, 27235.	3.3	31
22	Quantifying macromolecular interactions in living cells using FRET two-hybrid assays. Nature Protocols, 2016, 11, 2470-2498.	12.0	50
23	A rendezvous with the queen of ion channels: Three decades of ion channel research by David T Yue and his Calcium Signals Laboratory. Channels, 2016, 10, 20-32.	2.8	5
24	Towards a Unified Theory of Calmodulin Regulation (Calmodulation) of Voltage-Gated Calcium and Sodium Channels. Current Molecular Pharmacology, 2015, 8, 188-205.	1.5	48
25	Apocalmodulin Itself Promotes Ion Channel Opening and Ca2+ Regulation. Cell, 2014, 159, 608-622.	28.9	81
26	Calcineurin determines toxic versus beneficial responses to Î±-synuclein. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3544-52.	7.1	102
27	Conservation of Ca2+/Calmodulin Regulation across Na and Ca2+ Channels. Cell, 2014, 157, 1657-1670.	28.9	91
28	Calmodulin regulation (calmodulation) of voltage-gated calcium channels. Journal of General Physiology, 2014, 143, 679-692.	1.9	172