

Balázs Tóth

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

437
citations

1163117

8
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a TRPM2 channel in complex with Ca ²⁺ explains unique gating regulation. <i>ELife</i> , 2018, 7, .	6.0	115
2	Identification of Direct and Indirect Effectors of the Transient Receptor Potential Melastatin 2 (TRPM2) Cation Channel. <i>Journal of Biological Chemistry</i> , 2010, 285, 30091-30102.	3.4	88
3	Pore collapse underlies irreversible inactivation of TRPM2 cation channel currents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13440-13445.	7.1	60
4	Ruling out pyridine dinucleotides as true TRPM2 channel activators reveals novel direct agonist ADP-ribose-2-â€²-phosphate. <i>Journal of General Physiology</i> , 2015, 145, 419-430.	1.9	53
5	The proposed channel-enzyme transient receptor potential melastatin 2 does not possess ADP ribose hydrolase activity. <i>ELife</i> , 2016, 5, .	6.0	48
6	Putative chanzyme activity of TRPM2 cation channel is unrelated to pore gating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16949-16954.	7.1	38
7	Enzyme activity and selectivity filter stability of ancient TRPM2 channels were simultaneously lost in early vertebrates. <i>ELife</i> , 2019, 8, .	6.0	19
8	Selective profiling of N- and C-terminal nucleotide-binding sites in a TRPM2 channel. <i>Journal of General Physiology</i> , 2020, 152, .	1.9	14