Monica Sala-Rabanal

List of Publications by Year
in descending order

10 papers	588 citations	933447 10 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	1122 citing authors

#	Article	IF	Citations
1	Cryo-EM and X-ray structures of TRPV4 reveal insight into ion permeation and gating mechanisms. Nature Structural and Molecular Biology, 2018, 25, 252-260.	8.2	179
2	Secreted CLCA1 modulates TMEM16A to activate Ca2+-dependent chloride currents in human cells. ELife, 2015, 4, .	6.0	81
3	Polyamine Transport by the Polyspecific Organic Cation Transporters OCT1, OCT2, and OCT3. Molecular Pharmaceutics, 2013, 10, 1450-1458.	4.6	71
4	Self-cleavage of Human CLCA1 Protein by a Novel Internal Metalloprotease Domain Controls Calcium-activated Chloride Channel Activation. Journal of Biological Chemistry, 2012, 287, 42138-42149.	3.4	61
5	Malaria parasite CelTOS targets the inner leaflet of cell membranes for pore-dependent disruption. ELife, 2016, 5, .	6.0	54
6	Novel Roles for Chloride Channels, Exchangers, and Regulators in Chronic Inflammatory Airway Diseases. Mediators of Inflammation, 2015, 2015, 1-13.	3.0	39
7	Differential mechanisms of CantÃº syndromeâ€"associated gain of function mutations in the <i>ABCC9</i> (SUR2) subunit of the KATP channel. Journal of General Physiology, 2015, 146, 527-540.	1.9	33
8	Modulation of TMEM16A channel activity by the von Willebrand factor type A (VWA) domain of the calcium-activated chloride channel regulator 1 (CLCA1). Journal of Biological Chemistry, 2017, 292, 9164-9174.	3.4	30
9	On Potential Interactions between Non-selective Cation Channel TRPM4 and Sulfonylurea Receptor SUR1. Journal of Biological Chemistry, 2012, 287, 8746-8756.	3.4	28
10	Role of a Hydrophobic Pocket in Polyamine Interactions with the Polyspecific Organic Cation Transporter OCT3. Journal of Biological Chemistry, 2015, 290, 27633-27643.	3.4	10