

Diego G Ogando

List of Publications by Year in descending order

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papers

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1307594

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20
all docs

20
docs citations

20
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Transport Function of SLC4A11 in Corneal Endothelium. , 2013, 54, 4330.		66
2	Human SLC4A11 Is a Novel NH ₃ /H ⁺ Co-transporter. Journal of Biological Chemistry, 2015, 290, 16894-16905.	3.4	64
3	SLC4A11 is an EIPA-sensitive Na ⁺ -permeable pH _i regulator. American Journal of Physiology - Cell Physiology, 2013, 305, C716-C727.	4.6	51
4	Glutaminolysis is Essential for Energy Production and Ion Transport in Human Corneal Endothelium. EBioMedicine, 2017, 16, 292-301.	6.1	44
5	Ammonia sensitive SLC4A11 mitochondrial uncoupling reduces glutamine induced oxidative stress. Redox Biology, 2019, 26, 101260.	9.0	33
6	Conditionally Immortal <i>Slc4a11</i> ^{+/+} Mouse Corneal Endothelial Cell Line Recapitulates Disrupted Glutaminolysis Seen in <i>Slc4a11</i> ^{+/+} Mouse Model. , 2017, 58, 3723.		28
7	Mitochondrial ROS Induced Lysosomal Dysfunction and Autophagy Impairment in an Animal Model of Congenital Hereditary Endothelial Dystrophy. , 2021, 62, 15.		20
8	Genetic Modifiers of Retinal Degeneration in the rd3 Mouse. , 2008, 49, 2863.		19
9	R125H, W240S, C386R, and V507I SLC4A11 mutations associated with corneal endothelial dystrophy affect the transporter function but not trafficking in PS120 cells. Experimental Eye Research, 2019, 180, 86-91.	2.6	18
10	Corneal Endothelial Pump Coupling to Lactic Acid Efflux in the Rabbit and Mouse. , 2020, 61, 7.		13
11	The H ⁺ Transporter SLC4A11: Roles in Metabolism, Oxidative Stress and Mitochondrial Uncoupling. Cells, 2022, 11, 197.	4.1	9
12	Bicarbonate activates glycolysis and lactate production in corneal endothelial cells by increased pH _i . Experimental Eye Research, 2020, 199, 108193.	2.6	8
13	Inducible <i>Slc4a11</i> Knockout Triggers Corneal Edema Through Perturbation of Corneal Endothelial Pump. , 2021, 62, 28.		7
14	Mitochondrial ROS in <i>Slc4a11</i> KO Corneal Endothelial Cells Lead to ER Stress. Frontiers in Cell and Developmental Biology, 2022, 10, 878395.	3.7	6
15	RNA sequencing uncovers alterations in corneal endothelial metabolism, pump and barrier functions of <i>Slc4a11</i> KO mice. Experimental Eye Research, 2022, 214, 108884.	2.6	5
16	Rescue of the CHED Mouse Model by AAV-mediated <i>Slc4a11</i> Replacement. Ophthalmology Science, 2021, , 100084.	2.5	3
17	SLC4A11 ¹¹¹ provides NH ₃ sensitive mitochondrial uncoupling and ROS prevention that facilitates glutamine catabolism. Free Radical Biology and Medicine, 2018, 128, S80.	2.9	1
18	3071 Cell Survival in Corneal Endothelial Dystrophies. Journal of Clinical and Translational Science, 2019, 3, 4-4.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Characterization of SLC4A11 as a novel ammonia: 2H + transporter (893.29). FASEB Journal, 2014, 28, 893.29.	0.5	0