

Diego G Ogando

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

396
citations

1307594

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1199594

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times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	The H ⁺ Transporter SLC4A11: Roles in Metabolism, Oxidative Stress and Mitochondrial Uncoupling. <i>Cells</i> , 2022, 11, 197.	4.1	9
2	RNA sequencing uncovers alterations in corneal endothelial metabolism, pump and barrier functions of Slc4a11 KO mice. <i>Experimental Eye Research</i> , 2022, 214, 108884.	2.6	5
3	Mitochondrial ROS in Slc4a11 KO Corneal Endothelial Cells Lead to ER Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 878395.	3.7	6
4	Inducible Slc4a11 Knockout Triggers Corneal Edema Through Perturbation of Corneal Endothelial Pump. , 2021, 62, 28.		7
5	Mitochondrial ROS Induced Lysosomal Dysfunction and Autophagy Impairment in an Animal Model of Congenital Hereditary Endothelial Dystrophy. , 2021, 62, 15.		20
6	Rescue of the CHED Mouse Model by AAV-mediated Slc4a11 Replacement. <i>Ophthalmology Science</i> , 2021, , 100084.	2.5	3
7	Bicarbonate activates glycolysis and lactate production in corneal endothelial cells by increased pHi. <i>Experimental Eye Research</i> , 2020, 199, 108193.	2.6	8
8	Corneal Endothelial Pump Coupling to Lactic Acid Efflux in the Rabbit and Mouse. , 2020, 61, 7.		13
9	Ammonia sensitive SLC4A11 mitochondrial uncoupling reduces glutamine induced oxidative stress. <i>Redox Biology</i> , 2019, 26, 101260.	9.0	33
10	3071 Cell Survival in Corneal Endothelial Dystrophies. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 4-4.	0.6	1
11	R125H, W240S, C386R, and V507I SLC4A11 mutations associated with corneal endothelial dystrophy affect the transporter function but not trafficking in PS120 cells. <i>Experimental Eye Research</i> , 2019, 180, 86-91.	2.6	18
12	SLC4A1111 provides NH ₃ sensitive mitochondrial uncoupling and ROS prevention that facilitates glutamine catabolism. <i>Free Radical Biology and Medicine</i> , 2018, 128, S80.	2.9	1
13	Glutaminolysis is Essential for Energy Production and Ion Transport in Human Corneal Endothelium. <i>EBioMedicine</i> , 2017, 16, 292-301.	6.1	44
14	Conditionally Immortal Slc4a11 ^{+/+} Mouse Corneal Endothelial Cell Line Recapitulates Disrupted Glutaminolysis Seen in Slc4a11 ^{-/-} Mouse Model. , 2017, 58, 3723.		28
15	Human SLC4A11 Is a Novel NH ₃ /H ⁺ Co-transporter. <i>Journal of Biological Chemistry</i> , 2015, 290, 16894-16905.	3.4	64
16	Characterization of SLC4A11 as a novel ammonia: 2H ⁺ + transporter (893.29). <i>FASEB Journal</i> , 2014, 28, 893.29.	0.5	0
17	Ion Transport Function of SLC4A11 in Corneal Endothelium. , 2013, 54, 4330.		66
18	SLC4A11 is an EIPA-sensitive Na ⁺ -permeable pH _i regulator. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C716-C727.	4.6	51

#	ARTICLE	IF	CITATIONS
19	Genetic Modifiers of Retinal Degeneration in the rd3 Mouse. , 2008, 49, 2863.		19