Juan P Ianowski

List of Publications by Year
in descending order

28	779	394421 19	526287 27
papers	citations	h-index	g-index

29	29	29	664
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large pH oscillations promote host defense against human airways infection. Journal of Experimental Medicine, 2021, 218, .	8.5	18
2	Lipopolysaccharides induce a RAGE-mediated sensitizationÂof sensory neurons and fluid hypersecretion in the upper airways. Scientific Reports, 2021, 11, 8336.	3.3	9
3	The neuropeptide RhoprCCHamide2 inhibits serotonin-stimulated transcellular Na+ transport across the anterior midgut of the vector of Chagas disease, Rhodnius prolixus. Journal of Experimental Biology, 2021, 224, .	1.7	2
4	cAMP triggers Na+ absorption by distal airway surface epithelium in cystic fibrosis swine. Cell Reports, 2021, 37, 109795.	6.4	2
5	Airway submucosal glands from cystic fibrosis swine suffer from abnormal ion transport across the serous acini, collecting duct, and ciliated duct. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L931-L942.	2.9	7
6	Nebulized hypertonic saline triggers nervous system-mediated active liquid secretion in cystic fibrosis swine trachea. Scientific Reports, 2019, 9, 540.	3.3	7
7	The neuropeptide CCHamide 2 regulates diuresis in the Chagasâ€™ disease vector Rhodnius prolixus. Journal of Experimental Biology, 2019, 222, .	1.7	14
8	RAGE-dependent potentiation of TRPV1 currents in sensory neurons exposed to high glucose. PLoS ONE, 2018, 13, e0193312.	2.5	24
9	Cystic fibrosis swine fail to secrete airway surface liquid in response to inhalation of pathogens. Nature Communications, 2017, 8, 786.	12.8	23
10	Countercurrent heat exchange and thermoregulation during blood-feeding in kissing bugs. ELife, 2017, 6, .	6.0	32
11	Biomedical Imaging Using Synchrotron Radiation: Experience at the Biomedical Imaging and Therapy (BMIT) Facility at the Canadian Light Source. Synchrotron Radiation News, 2015, 28, 16-23.	0.8	4
12	Serotonin triggers cAMP and PKA-mediated intracellular calcium waves in Malpighian tubules ofRhodnius prolixus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R828-R836.	1.8	22
13	Pseudomonas aeruginosa triggers CFTR-mediated airway surface liquid secretion in swine trachea. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12930-12935.	7.1	24
14	Calcium regulates Na + :K + :2Cl â^' cotransporter function in Malpighian tubules of Rhodnius prolixus. FASEB Journal, 2013, 27, 1210.5.	0.5	0
15	The cytokines interleukin-1Î² and tumor necrosis factor-Î± stimulate CFTR-mediated fluid secretion by swine airway submucosal glands. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L327-L333.	2.9	21
16	Pseudomonas aeruginosa Homoserine Lactone Activates Store-operated cAMP and Cystic Fibrosis Transmembrane Regulator-dependent Clâ^' Secretion by Human Airway Epithelia. Journal of Biological Chemistry, 2010, 285, 34850-34863.	3.4	31
17	The antidiuretic neurohormone RhoprCAPA-2 downregulates fluid transport across the anterior midgut in the blood-feeding insect Rhodnius prolixus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R548-R557.	1.8	29
18	Biological activity of diuretic factors on the anterior midgut of the blood-feeding bug, Rhodnius prolixus. General and Comparative Endocrinology, 2009, 162, 105-112.	1.8	49

#	Article	IF	Citations
19	Substance P stimulates CFTR-dependent fluid secretion by mouse tracheal submucosal glands. Pflugers Archiv European Journal of Physiology, 2008, 457, 529-537.	2.8	32
20	Mucus secretion by single tracheal submucosal glands from normal and cystic fibrosis transmembrane conductance regulator knockout mice. Journal of Physiology, 2007, 580, 301-314.	2.9	59
21	Synergistic airway gland mucus secretion in response to vasoactive intestinal peptide and carbachol is lost in cystic fibrosis. Journal of Clinical Investigation, 2007, 117, 3118-3127.	8.2	85
22	Electrochemical gradients for Na+, K+,Clâ€“ and H+ across the apical membrane in Malpighian (renal) tubule cells of Rhodnius prolixus. Journal of Experimental Biology, 2006, 209, 1964-1975.	1.7	28
23	Na+ competes with K+ in bumetanide-sensitive transport by Malpighian tubules of Rhodnius prolixus. Journal of Experimental Biology, 2004, 207, 3707-3716.	1.7	30
24	Basolateral ion transport mechanisms during fluid secretion by Drosophila Malpighian tubules: Na+ recycling,Na+:K+:2Clâ€“ cotransport and Clâ€“ conductance. Journal of Experimental Biology, 2004, 207, 2599-2609.	1.7	62
25	Inorganic and organic anion transport by insect renal epithelia. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1618, 194-206.	2.6	54
26	Intracellular ion activities in Malpighian tubule cells ofRhodnius prolixus: evaluation of Na+-K+-2Cl-cotransport across the basolateral membrane. Journal of Experimental Biology, 2002, 205, 1645-1655.	1.7	42
27	Intracellular ion activities in Malpighian tubule cells of Rhodnius prolixus: evaluation of Na+-K+-2Cl-cotransport across the basolateral membrane. Journal of Experimental Biology, 2002, 205, 1645-55.	1.7	32
28	Transepithelial potential in Malpighian tubules of Rhodnius prolixus: lumen-negative voltages and the triphasic response to serotonin. Journal of Insect Physiology, 2001, 47, 411-421.	2.0	37