

Juan P Ianowski

List of Publications by Year in descending order

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28
papers

779
citations

394421

19
h-index

526287

27
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29
docs citations

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times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic airway gland mucus secretion in response to vasoactive intestinal peptide and carbachol is lost in cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2007, 117, 3118-3127.	8.2	85
2	Basolateral ion transport mechanisms during fluid secretion by <i>Drosophila</i> Malpighian tubules: Na ⁺ -recycling, Na ⁺ :K ⁺ :2Cl ⁻ cotransport and Cl ⁻ conductance. <i>Journal of Experimental Biology</i> , 2004, 207, 2599-2609.	1.7	62
3	Mucus secretion by single tracheal submucosal glands from normal and cystic fibrosis transmembrane conductance regulator knockout mice. <i>Journal of Physiology</i> , 2007, 580, 301-314.	2.9	59
4	Inorganic and organic anion transport by insect renal epithelia. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1618, 194-206.	2.6	54
5	Biological activity of diuretic factors on the anterior midgut of the blood-feeding bug, <i>Rhodnius prolixus</i> . <i>General and Comparative Endocrinology</i> , 2009, 162, 105-112.	1.8	49
6	Intracellular ion activities in Malpighian tubule cells of <i>Rhodnius prolixus</i> : evaluation of Na ⁺ -K ⁺ -2Cl ⁻ cotransport across the basolateral membrane. <i>Journal of Experimental Biology</i> , 2002, 205, 1645-1655.	1.7	42
7	Transepithelial potential in Malpighian tubules of <i>Rhodnius prolixus</i> : lumen-negative voltages and the triphasic response to serotonin. <i>Journal of Insect Physiology</i> , 2001, 47, 411-421.	2.0	37
8	Substance P stimulates CFTR-dependent fluid secretion by mouse tracheal submucosal glands. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 529-537.	2.8	32
9	Countercurrent heat exchange and thermoregulation during blood-feeding in kissing bugs. <i>ELife</i> , 2017, 6, .	6.0	32
10	Intracellular ion activities in Malpighian tubule cells of <i>Rhodnius prolixus</i> : evaluation of Na ⁺ -K ⁺ -2Cl ⁻ cotransport across the basolateral membrane. <i>Journal of Experimental Biology</i> , 2002, 205, 1645-55.	1.7	32
11	<i>Pseudomonas aeruginosa</i> Homoserine Lactone Activates Store-operated cAMP and Cystic Fibrosis Transmembrane Regulator-dependent Cl ⁻ Secretion by Human Airway Epithelia. <i>Journal of Biological Chemistry</i> , 2010, 285, 34850-34863.	3.4	31
12	Na ⁺ competes with K ⁺ in bumetanide-sensitive transport by Malpighian tubules of <i>Rhodnius prolixus</i> . <i>Journal of Experimental Biology</i> , 2004, 207, 3707-3716.	1.7	30
13	The antidiuretic neurohormone RhoprCAPA-2 downregulates fluid transport across the anterior midgut in the blood-feeding insect <i>Rhodnius prolixus</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R548-R557.	1.8	29
14	Electrochemical gradients for Na ⁺ , K ⁺ , Cl ⁻ and H ⁺ across the apical membrane in Malpighian (renal) tubule cells of <i>Rhodnius prolixus</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 1964-1975.	1.7	28
15	<i>Pseudomonas aeruginosa</i> triggers CFTR-mediated airway surface liquid secretion in swine trachea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12930-12935.	7.1	24
16	RAGE-dependent potentiation of TRPV1 currents in sensory neurons exposed to high glucose. <i>PLoS ONE</i> , 2018, 13, e0193312.	2.5	24
17	Cystic fibrosis swine fail to secrete airway surface liquid in response to inhalation of pathogens. <i>Nature Communications</i> , 2017, 8, 786.	12.8	23
18	Serotonin triggers cAMP and PKA-mediated intracellular calcium waves in Malpighian tubules of <i>Rhodnius prolixus</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R828-R836.	1.8	22

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19	The cytokines interleukin-1 β and tumor necrosis factor- α stimulate CFTR-mediated fluid secretion by swine airway submucosal glands. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L327-L333.	2.9	21
20	Large pH oscillations promote host defense against human airways infection. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	18
21	The neuropeptide CCHamide 2 regulates diuresis in the Chagasâ€™ disease vector <i>Rhodnius prolixus</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	14
22	Lipopolysaccharides induce a RAGE-mediated sensitization of sensory neurons and fluid hypersecretion in the upper airways. <i>Scientific Reports</i> , 2021, 11, 8336.	3.3	9
23	Nebulized hypertonic saline triggers nervous system-mediated active liquid secretion in cystic fibrosis swine trachea. <i>Scientific Reports</i> , 2019, 9, 540.	3.3	7
24	Airway submucosal glands from cystic fibrosis swine suffer from abnormal ion transport across the serous acini, collecting duct, and ciliated duct. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L931-L942.	2.9	7
25	Biomedical Imaging Using Synchrotron Radiation: Experience at the Biomedical Imaging and Therapy (BMIT) Facility at the Canadian Light Source. <i>Synchrotron Radiation News</i> , 2015, 28, 16-23.	0.8	4
26	The neuropeptide RhoprCCHamide2 inhibits serotonin-stimulated transcellular Na ⁺ transport across the anterior midgut of the vector of Chagas disease, <i>Rhodnius prolixus</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	2
27	cAMP triggers Na ⁺ absorption by distal airway surface epithelium in cystic fibrosis swine. <i>Cell Reports</i> , 2021, 37, 109795.	6.4	2
28	Calcium regulates Na ⁺ :K ⁺ :2Cl ⁻ cotransporter function in Malpighian tubules of <i>Rhodnius prolixus</i> . <i>FASEB Journal</i> , 2013, 27, 1210.5.	0.5	0