

Jean-Yves Lapointe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11432079/publications.pdf>

Version: 2024-02-01

32
papers

1,279
citations

394286

19
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	MAP17 Is a Necessary Activator of Renal Na ⁺ /Glucose Cotransporter SGLT2. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 85-93.	3.0	71
2	The transport mechanism of the human sodium/myo-inositol transporter 2 (SMIT2/SGLT6), a member of the LeuT structural family. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C431-C441.	2.1	7
3	Simulated annealing reveals the kinetic activity of SGLT1, a member of the LeuT structural family. <i>Journal of General Physiology</i> , 2012, 140, 361-374.	0.9	8
4	The Structural Pathway for Water Permeation through Sodium-Glucose Cotransporters. <i>Biophysical Journal</i> , 2011, 101, 1887-1895.	0.2	35
5	Stimulating Effect of External Myo-Inositol on the Expression of Mutant Forms of Aquaporin 2. <i>Journal of Membrane Biology</i> , 2010, 236, 225-232.	1.0	1
6	Anionic leak currents through the Na ⁺ /monocarboxylate cotransporter SMCT1. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C124-C131.	2.1	7
7	The Actual Ionic Nature of the Leak Current through the Na ⁺ /Glucose Cotransporter SGLT1. <i>Biophysical Journal</i> , 2010, 98, 231-239.	0.2	18
8	Effects of hyperosmolarity on the Na ⁺ /myo-inositol cotransporter SMIT2 stably transfected in the Madin-Darby canine kidney cell line. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C791-C799.	2.1	21
9	Measuring ion transport activities in <i>Xenopus</i> oocytes using the ion-trap technique. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1464-C1472.	2.1	6
10	Elaboration of a novel technique for purification of plasma membranes from <i>Xenopus laevis</i> oocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1132-C1136.	2.1	35
11	SMIT2 mediates all myo-inositol uptake in apical membranes of rat small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G1300-G1307.	1.6	56
12	Expression and functionality of the Na ⁺ /myo-inositol cotransporter SMIT2 in rabbit kidney. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1154-1159.	1.4	29
13	Effect of Substrate on the Pre-Steady-State Kinetics of the Na ⁺ /Glucose Cotransporter. <i>Biophysical Journal</i> , 2007, 92, 461-472.	0.2	10
14	Voltage-Clamp Fluorometry in the Local Environment of the C255-C511 Disulfide Bridge of the Na ⁺ /Glucose Cotransporter. <i>Biophysical Journal</i> , 2007, 92, 2403-2411.	0.2	8
15	Response to Zeuthen and Zeuthen's Comment to the Editor: Enough Local Hypertonicity Is Enough. <i>Biophysical Journal</i> , 2007, 93, 1417-1419.	0.2	12
16	Establishing a Definitive Stoichiometry for the Na ⁺ /Monocarboxylate Cotransporter SMCT1. <i>Biophysical Journal</i> , 2007, 93, 2325-2331.	0.2	33
17	Intracellular Hypertonicity Is Responsible for Water Flux Associated with Na ⁺ /Glucose Cotransport. <i>Biophysical Journal</i> , 2006, 90, 3546-3554.	0.2	56
18	Identification of a Disulfide Bridge Linking the Fourth and the Seventh Extracellular Loops of the Na ⁺ /Glucose Cotransporter. <i>Journal of General Physiology</i> , 2006, 127, 145-158.	0.9	24

#	ARTICLE	IF	CITATIONS
19	Determination of transport stoichiometry for two cation-coupled myo-inositol cotransporters: SMIT2 and HMIT. <i>Journal of Physiology</i> , 2005, 563, 333-343.	1.3	38
20	Membrane topology of loop 13-14 of the Na ⁺ /glucose cotransporter (SGLT1): A SCAM and fluorescent labelling study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1712, 173-184.	1.4	16
21	The human tumour suppressor gene SLC5A8 expresses a Na ⁺ -monocarboxylate cotransporter. <i>Journal of Physiology</i> , 2004, 557, 719-731.	1.3	143
22	Expression of the sodium-myoinositol cotransporter SMIT2 at the apical membrane of Madin-Darby canine kidney cells. <i>Journal of Physiology</i> , 2004, 558, 759-768.	1.3	20
23	Glucose Accumulation Can Account for the Initial Water Flux Triggered by Na ⁺ /Glucose Cotransport. <i>Biophysical Journal</i> , 2004, 86, 125-133.	0.2	48
24	Macula densa cell signaling involves ATP release through a maxi anion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4322-4327.	3.3	263
25	Calcium-activated nonselective cationic channel in macula densa cells. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F275-F280.	1.3	13
26	Identification of a Novel Na ⁺ /myo-Inositol Cotransporter. <i>Journal of Biological Chemistry</i> , 2002, 277, 35219-35224.	1.6	141
27	Controversy regarding the secondary active water transport hypothesis. <i>Biochemistry and Cell Biology</i> , 2002, 80, 525-533.	0.9	21
28	The presence of local osmotic gradients can account for the water flux driven by the Na ⁺ + α -glucose cotransporter. <i>Journal of Physiology</i> , 2002, 542, 61-62.	1.3	19
29	Functional studies of a chimeric protein containing portions of the Na ⁺ /glucose and Na ⁺ /myo-inositol cotransporters. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1466, 139-150.	1.4	4
30	Functional expression of tagged human Na ⁺ -glucose cotransporter in <i>Xenopus laevis</i> oocytes. <i>Journal of Physiology</i> , 1999, 520, 359-371.	1.3	41
31	CHARACTERISTICS OF MEMBRANE TRANSPORT PROCESSES OF MACULA Densa CELLS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 541-547.	0.9	31
32	Electrogenic amino acid exchange via the rBAT transporter. <i>FEBS Letters</i> , 1994, 356, 174-178.	1.3	44