

Victor L Schuster

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,323
citations

361413

20
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	MOLECULAR MECHANISMS OF PROSTAGLANDIN TRANSPORT. Annual Review of Physiology, 1998, 60, 221-242.	13.1	161
2	Prostaglandin transport. Prostaglandins and Other Lipid Mediators, 2002, 68-69, 633-647.	1.9	161
3	The Two-Step Model of Prostaglandin Signal Termination: In Vitro Reconstitution with the Prostaglandin Transporter and Prostaglandin 15 Dehydrogenase. Molecular Pharmacology, 2004, 65, 973-978.	2.3	131
4	Mechanism of Prostaglandin E2 Transport across the Plasma Membrane of HeLa Cells and Xenopus Oocytes Expressing the Prostaglandin Transporter "PGT". Journal of Biological Chemistry, 1998, 273, 6689-6697.	3.4	123
5	Cloning of the human kidney PAH transporter: narrow substrate specificity and regulation by protein kinase C. American Journal of Physiology - Renal Physiology, 1999, 276, F295-F303.	2.7	81
6	Identification of lactate as a driving force for prostanoid transport by prostaglandin transporter PGT. American Journal of Physiology - Renal Physiology, 2002, 282, F1097-F1102.	2.7	67
7	Failure of Postnatal Ductus Arteriosus Closure in Prostaglandin Transporter "Deficient Mice. Circulation, 2010, 121, 529-536.	1.6	67
8	Prostaglandin transporter PGT is expressed in cell types that synthesize and release prostanoids. American Journal of Physiology - Renal Physiology, 2002, 282, F1103-F1110.	2.7	65
9	Phenotypic and pharmacogenetic evaluation of patients with thiazide-induced hyponatremia. Journal of Clinical Investigation, 2017, 127, 3367-3374.	8.2	58
10	Prostaglandin Signaling in the Renal Collecting Duct. Journal of Biological Chemistry, 2005, 280, 28424-28429.	3.4	48
11	Identification of a New Class of Prostaglandin Transporter Inhibitors and Characterization of Their Biological Effects on Prostaglandin E ₂ Transport. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 1346-1350.	2.5	40
12	Molecular Cloning of the Gene for the Human Prostaglandin Transporter hPGT: Gene Organization, Promoter Activity, and Chromosomal Localization. Biochemical and Biophysical Research Communications, 1998, 246, 805-812.	2.1	31
13	Expression of PGT in MDCK cell monolayers: polarized apical localization and induction of active PG transport. American Journal of Physiology - Renal Physiology, 2002, 282, F618-F622.	2.7	28
14	Mapping the Substrate Binding Site of the Prostaglandin Transporter PGT by Cysteine Scanning Mutagenesis. Journal of Biological Chemistry, 1999, 274, 25564-25570.	3.4	27
15	Cloning of mouse prostaglandin transporter PGT cDNA: species-specific substrate affinities. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R734-R741.	1.8	26
16	The prostaglandin transporter is widely expressed in ocular tissues. Survey of Ophthalmology, 1997, 41, S41-S45.	4.0	25
17	Synthetic Modification of Prostaglandin F ₂ Indicates Different Structural Determinants for Binding to the Prostaglandin F Receptor Versus the Prostaglandin Transporter. Molecular Pharmacology, 2000, 58, 1511-1516.	2.3	25
18	Development of a High-Affinity Inhibitor of the Prostaglandin Transporter. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 633-641.	2.5	22

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19	Coordinate control of prostaglandin E2 synthesis and uptake by hyperosmolarity in renal medullary interstitial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F641-F649.	2.7	21
20	Role of Conserved Transmembrane Cationic Amino Acids in the Prostaglandin Transporter PGT. <i>Biochemistry</i> , 2002, 41, 9215-9221.	2.5	20
21	Dietary salt induces transcription of the prostaglandin transporter gene in renal collecting ducts. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F765-F771.	2.7	15
22	Inhibition of Prostaglandin Transporter (PGT) Promotes Perfusion and Vascularization and Accelerates Wound Healing in Non-Diabetic and Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0133615.	2.5	15
23	The prostaglandin transporter PGT transports PGH2. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 168-172.	2.1	14
24	Mangiferin Accelerates Glycolysis and Enhances Mitochondrial Bioenergetics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 201.	4.1	14
25	Inhibition of the Prostaglandin Transporter PGT Lowers Blood Pressure in Hypertensive Rats and Mice. <i>PLoS ONE</i> , 2015, 10, e0131735.	2.5	10
26	The Prostaglandin Transporter: Eicosanoid Reuptake, Control of Signaling, and Development of High-Affinity Inhibitors as Drug Candidates. <i>Transactions of the American Clinical and Climatological Association</i> , 2015, 126, 248-57.	0.5	10
27	Regulation of prostaglandin EP ₁ and EP ₄ receptor signaling by carrier-mediated ligand reuptake. <i>Pharmacology Research and Perspectives</i> , 2014, 2, e00051.	2.4	7
28	Augmented heme oxygenase-1 induces prostaglandin uptake via the prostaglandin transporter in micro-vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 1299-1305.	2.1	6
29	The ins and outs of prostaglandin E2 in fever. <i>Temperature</i> , 2015, 2, 326-327.	3.0	4
30	Donald W. Seldin, MD (1920–2018). <i>Kidney International</i> , 2018, 94, 438-439.	5.2	0