Peter I Dosa

List of Publications by Year in descending order

34 papers	845 citations	516215 16 h-index	525886 27 g-index
36 all docs	36 docs citations	36 times ranked	1194 citing authors

#	Article	IF	Citations
1	Effect of ATP-sensitive Potassium Channel Openers on Intraocular Pressure in Ocular Hypertensive Animal Models. , 2022, 63, 15.		4
2	Ocular Hypotensive Properties and Biochemical Profile of QLS-101, a Novel ATP-Sensitive Potassium (K_{ATP}) Channel Opening Prodrug. , 2022, 63, 26.		3
3	Structural modifications that increase gut restriction of bile acid derivatives. RSC Medicinal Chemistry, 2021, 12, 394-405.	1.7	3
4	Pharmacological Profile and Ocular Hypotensive Effects of Cromakalim Prodrug 1, a Novel ATP-Sensitive Potassium Channel Opener, in Normotensive Dogs and Nonhuman Primates. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 251-260.	0.6	10
5	Convenient Protocol for Production and Purification of Clostridioides difficile Spores for Germination Studies. STAR Protocols, 2020, 1, 100071.	0.5	3
6	Understanding the freezing responses of T cells and other subsets of human peripheral blood mononuclear cells using DSMO-free cryoprotectants. Cytotherapy, 2020, 22, 291-300.	0.3	19
7	Pharmacological and pharmacokinetic profile of the novel ocular hypotensive prodrug CKLP1 in Dutch-belted pigmented rabbits. PLoS ONE, 2020, 15, e0231841.	1.1	8
8	Differential Evolution for the Optimization of DMSO-Free Cryoprotectants: Influence of Control Parameters. Journal of Biomechanical Engineering, 2020, 142, .	0.6	5
9	Title is missing!. , 2020, 15, e0231841.		0
10	Title is missing!. , 2020, 15, e0231841.		0
11	Title is missing!. , 2020, 15, e0231841.		0
12	Title is missing!. , 2020, 15, e0231841.		0
13	7-Methylation of Chenodeoxycholic Acid Derivatives Yields a Substantial Increase in TGR5 Receptor Potency. Journal of Medicinal Chemistry, 2019, 62, 6824-6830.	2.9	18
14	The anthelmintic drug praziquantel activates a schistosome transient receptor potential channel. Journal of Biological Chemistry, 2019, 294, 18873-18880.	1.6	81
15	Characterizing modes of action and interaction for multicomponent osmolyte solutions on Jurkat cells. Biotechnology and Bioengineering, 2019, 116, 631-643.	1.7	22
16	ATP sensitive potassium channel openers: A new class of ocular hypotensive agents. Experimental Eye Research, 2019, 178, 225.	1.2	3
17	Activation of host transient receptor potential (TRP) channels by praziquantel stereoisomers. PLoS Neglected Tropical Diseases, 2018, 12, e0006420.	1.3	19
18	ATP sensitive potassium channel openers: A new class of ocular hypotensive agents. Experimental Eye Research, 2017, 158, 85-93.	1.2	31

#	Article	IF	Citations
19	Algorithm-driven optimization of cryopreservation protocols for transfusion model cell types including Jurkat cells and mesenchymal stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2806-2815.	1.3	31
20	Synthesis and Biological Evaluation of Bile Acid Analogues Inhibitory to Clostridium difficile Spore Germination. Journal of Medicinal Chemistry, 2017, 60, 3451-3471.	2.9	35
21	The anthelmintic praziquantel is a human serotoninergic G-protein-coupled receptor ligand. Nature Communications, 2017, 8, 1910.	5.8	66
22	Effect of Cromakalim Prodrug 1 (CKLP1) on Aqueous Humor Dynamics and Feasibility of Combination Therapy With Existing Ocular Hypotensive Agents. , 2017, 58, 5731.		24
23	Changes in Colonic Bile Acid Composition following Fecal Microbiota Transplantation Are Sufficient to Control Clostridium difficile Germination and Growth. PLoS ONE, 2016, 11, e0147210.	1.1	130
24	Analogs of the ATP-Sensitive Potassium (K_{ATP}) Channel Opener Cromakalim with in Vivo Ocular Hypotensive Activity. Journal of Medicinal Chemistry, 2016, 59, 6221-6231.	2.9	22
25	Combinations of Osmolytes, Including Monosaccharides, Disaccharides, and Sugar Alcohols Act in Concert During Cryopreservation to Improve Mesenchymal Stromal Cell Survival. Tissue Engineering - Part C: Methods, 2016, 22, 999-1008.	1.1	45
26	Ursodeoxycholic Acid Inhibits Clostridium difficile Spore Germination and Vegetative Growth, and Prevents the Recurrence of Ileal Pouchitis Associated With the Infection. Journal of Clinical Gastroenterology, 2016, 50, 624-630.	1.1	93
27	Tactical Approaches to Interconverting GPCR Agonists and Antagonists. Journal of Medicinal Chemistry, 2016, 59, 810-840.	2.9	45
28	Ergot Alkaloids (Re)generate New Leads as Antiparasitics. PLoS Neglected Tropical Diseases, 2015, 9, e0004063.	1.3	20
29	Ocular Hypotensive Effects of the ATP-Sensitive Potassium Channel Opener Cromakalim in Human and Murine Experimental Model Systems. PLoS ONE, 2015, 10, e0141783.	1.1	19
30	Synthesis of Novel Analogs of Cabergoline: Improving Cardiovascular Safety by Removing 5-HT_{2B} Receptor Agonism. ACS Medicinal Chemistry Letters, 2013, 4, 254-258.	1.3	18
31	Synthesis and Evaluation of Waterâ€Soluble Prodrugs of Ursodeoxycholic Acid (UDCA), an Antiâ€apoptotic Bile Acid. ChemMedChem, 2013, 8, 1002-1011.	1.6	25
32	Discovery and Structureâ"Activity Relationship of 3-Methoxy-N-(3-(1-methyl-1H-pyrazol-5-yl)-4-(2-morpholinoethoxy)phenyl)benzamide (APD791): A Highly Selective 5-Hydroxytryptamine_{2A} Receptor Inverse Agonist for the Treatment of Arterial Thrombosis. Journal of Medicinal Chemistry, 2010, 53, 4412-4421.	2.9	11
33	Solubilized phenyl-pyrazole ureas as potent, selective 5-HT2A inverse-agonists and their application as antiplatelet agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5486-5489.	1.0	8
34	Anti-thrombotic and vascular effects of AR246686, a novel 5-HT2A receptor antagonist. European Journal of Pharmacology, 2008, 586, 234-243.	1.7	23