

# Peter I Dosa

## List of Publications by Year in descending order

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34  
papers

845  
citations

516215

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525886

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1194  
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#	ARTICLE	IF	CITATIONS
1	Changes in Colonic Bile Acid Composition following Fecal Microbiota Transplantation Are Sufficient to Control <i>Clostridium difficile</i> Germination and Growth. <i>PLoS ONE</i> , 2016, 11, e0147210.	1.1	130
2	Ursodeoxycholic Acid Inhibits <i>Clostridium difficile</i> Spore Germination and Vegetative Growth, and Prevents the Recurrence of Ileal Pouchitis Associated With the Infection. <i>Journal of Clinical Gastroenterology</i> , 2016, 50, 624-630.	1.1	93
3	The anthelmintic drug praziquantel activates a schistosome transient receptor potential channel. <i>Journal of Biological Chemistry</i> , 2019, 294, 18873-18880.	1.6	81
4	The anthelmintic praziquantel is a human serotonergic G-protein-coupled receptor ligand. <i>Nature Communications</i> , 2017, 8, 1910.	5.8	66
5	Combinations of Osmolytes, Including Monosaccharides, Disaccharides, and Sugar Alcohols Act in Concert During Cryopreservation to Improve Mesenchymal Stromal Cell Survival. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 999-1008.	1.1	45
6	Tactical Approaches to Interconverting GPCR Agonists and Antagonists. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 810-840.	2.9	45
7	Synthesis and Biological Evaluation of Bile Acid Analogues Inhibitory to <i>Clostridium difficile</i> Spore Germination. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3451-3471.	2.9	35
8	ATP sensitive potassium channel openers: A new class of ocular hypotensive agents. <i>Experimental Eye Research</i> , 2017, 158, 85-93.	1.2	31
9	Algorithm-driven optimization of cryopreservation protocols for transfusion model cell types including Jurkat cells and mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2806-2815.	1.3	31
10	Synthesis and Evaluation of Water-Soluble Prodrugs of Ursodeoxycholic Acid (UDCA), an Anti-Apoptotic Bile Acid. <i>ChemMedChem</i> , 2013, 8, 1002-1011.	1.6	25
11	Effect of Cromakalim Prodrug 1 (CKLP1) on Aqueous Humor Dynamics and Feasibility of Combination Therapy With Existing Ocular Hypotensive Agents. , 2017, 58, 5731.		24
12	Anti-thrombotic and vascular effects of AR246686, a novel 5-HT <sub>2A</sub> receptor antagonist. <i>European Journal of Pharmacology</i> , 2008, 586, 234-243.	1.7	23
13	Analogues of the ATP-Sensitive Potassium (K <sup>ATP</sup> ) Channel Opener Cromakalim with in Vivo Ocular Hypotensive Activity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6221-6231.	2.9	22
14	Characterizing modes of action and interaction for multicomponent osmolyte solutions on Jurkat cells. <i>Biotechnology and Bioengineering</i> , 2019, 116, 631-643.	1.7	22
15	Ergot Alkaloids (Re)generate New Leads as Antiparasitics. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004063.	1.3	20
16	Ocular Hypotensive Effects of the ATP-Sensitive Potassium Channel Opener Cromakalim in Human and Murine Experimental Model Systems. <i>PLoS ONE</i> , 2015, 10, e0141783.	1.1	19
17	Activation of host transient receptor potential (TRP) channels by praziquantel stereoisomers. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006420.	1.3	19
18	Understanding the freezing responses of T cells and other subsets of human peripheral blood mononuclear cells using DMSO-free cryoprotectants. <i>Cytotherapy</i> , 2020, 22, 291-300.	0.3	19

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19	Synthesis of Novel Analogs of Cabergoline: Improving Cardiovascular Safety by Removing 5-HT <sub>2B</sub> Receptor Agonism. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 254-258.	1.3	18
20	7-Methylation of Chenodeoxycholic Acid Derivatives Yields a Substantial Increase in TGR5 Receptor Potency. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6824-6830.	2.9	18
21	Discovery and Structure-Activity Relationship of 3-Methoxy-N-(3-(1-methyl-1H-pyrazol-5-yl)-4-(2-morpholinoethoxy)phenyl)benzamide (APD791): A Highly Selective 5-Hydroxytryptamine <sub>2A</sub> Receptor Inverse Agonist for the Treatment of Arterial Thrombosis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4412-4421.	2.9	11
22	Pharmacological Profile and Ocular Hypotensive Effects of Cromakalim Prodrug 1, a Novel ATP-Sensitive Potassium Channel Opener, in Normotensive Dogs and Nonhuman Primates. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021, 37, 251-260.	0.6	10
23	Solubilized phenyl-pyrazole ureas as potent, selective 5-HT <sub>2A</sub> inverse-agonists and their application as antiplatelet agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5486-5489.	1.0	8
24	Pharmacological and pharmacokinetic profile of the novel ocular hypotensive prodrug CKLP1 in Dutch-belted pigmented rabbits. <i>PLoS ONE</i> , 2020, 15, e0231841.	1.1	8
25	Differential Evolution for the Optimization of DMSO-Free Cryoprotectants: Influence of Control Parameters. <i>Journal of Biomechanical Engineering</i> , 2020, 142, .	0.6	5
26	Effect of ATP-sensitive Potassium Channel Openers on Intraocular Pressure in Ocular Hypertensive Animal Models. , 2022, 63, 15.		4
27	ATP sensitive potassium channel openers: A new class of ocular hypotensive agents. <i>Experimental Eye Research</i> , 2019, 178, 225.	1.2	3
28	Convenient Protocol for Production and Purification of <i>Clostridioides difficile</i> Spores for Germination Studies. <i>STAR Protocols</i> , 2020, 1, 100071.	0.5	3
29	Structural modifications that increase gut restriction of bile acid derivatives. <i>RSC Medicinal Chemistry</i> , 2021, 12, 394-405.	1.7	3
30	Ocular Hypotensive Properties and Biochemical Profile of QLS-101, a Novel ATP-Sensitive Potassium (K <sub>ATP</sub> ) Channel Opening Prodrug. , 2022, 63, 26.		3
31	Title is missing!. , 2020, 15, e0231841.		0
32	Title is missing!. , 2020, 15, e0231841.		0
33	Title is missing!. , 2020, 15, e0231841.		0
34	Title is missing!. , 2020, 15, e0231841.		0