Norbert Laszlo Jost

List of Publications by Year in Descending Order

28 papers	798 citations	12 h-index	28 g-index
34 ext. papers	1,003 ext. citations	4.9 avg, IF	4.01 L-index

#	Paper	IF	Citations
28	The Investigation of Combined Na+/Ca2+ Exchanger and the L-type Ca2+- Channel Inhibition in Langendorff Perfused Isolated Guinea Pig Hearts *Revista Romana De Cardiologie*, **2021**, 31, 537-545	0.1	
27	Mexiletine-like cellular electrophysiological effects of GS967 in canine ventricular myocardium. *Scientific Reports*, **2021**, 11, 9565	4.9	4
26	The electrophysiological effects of cannabidiol on action potentials and transmembrane potassium currents in rabbit and dog cardiac ventricular preparations. *Archives of Toxicology*, **2021**, 95, 2497-2505	5.8	2
25	Canine Myocytes Represent a Good Model for Human Ventricular Cells Regarding Their Electrophysiological Properties. *Pharmaceuticals*, **2021**, 14,	5.2	3
24	Cardiac electrophysiological effects of ibuprofen in dog and rabbit ventricular preparations: possible implication to enhanced proarrhythmic risk. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 102-109	2.4	1
23	Muscarinic agonists inhibit the ATP-dependent potassium current and suppress the ventricle-Purkinje action potential dispersion. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 247-253	2.4	
22	Antiarrhythmic and cardiac electrophysiological effects of SZV-270, a novel compound with combined Class I/B and Class III effects, in rabbits and dogs. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 89-101	2.4	1
21	Polysaccharides; Classification, Chemical Properties, and Future Perspective Applications in Fields of Pharmacology and Biological Medicine (A Review of Current Applications and Upcoming Potentialities). *Journal of Polymers and the Environment*, **2021**, 29, 1-13	4.5	41
20	Long-Term Endurance Exercise Training Alters Repolarization in a New Rabbit Athlete Heart Model.. *Frontiers in Physiology*, **2021**, 12, 741317	4.6	2
19	Electrical Restitution and Its Modifications by Antiarrhythmic Drugs in Undiseased Human Ventricular Muscle. *Frontiers in Pharmacology*, **2020**, 11, 479	5.6	3
18	Implication of frequency-dependent protocols in antiarrhythmic and proarrhythmic drug testing. *Progress in Biophysics and Molecular Biology*, **2020**, 157, 76-83	4.7	2
17	Discovery and characterization of ORM-11372, a novel inhibitor of the sodium-calcium exchanger with positive inotropic activity. *British Journal of Pharmacology*, **2020**, 177, 5534-5554	8.6	5
16	Novel Na/Ca Exchanger Inhibitor ORM-10962 Supports Coupled Function of Funny-Current and Na/Ca Exchanger in Pacemaking of Rabbit Sinus Node Tissue. *Frontiers in Pharmacology*, **2019**, 10, 1632	5.6	6
15	Evaluation of Possible Proarrhythmic Potency: Comparison of the Effect of Dofetilide, Cisapride, Sotalol, Terfenadine, and Verapamil on hERG and Native IKr Currents and on Cardiac Action Potential. *Toxicological Sciences*, **2019**, 168, 365-380	4.4	22
14	Low Resting Membrane Potential and Low Inward Rectifier Potassium Currents Are Not Inherent Features of hiPSC-Derived Cardiomyocytes. *Stem Cell Reports*, **2018**, 10, 822-833	8	51
13	Inotropic effect of NCX inhibition depends on the relative activity of the reverse NCX assessed by a novel inhibitor ORM-10962 on canine ventricular myocytes. *European Journal of Pharmacology*, **2018**, 818, 278-286	5.3	6
12	Block of Na(+)/Ca(2+) exchanger by SEA0400 in human right atrial preparations from patients in sinus rhythm and in atrial fibrillation. *European Journal of Pharmacology*, **2016**, 788, 286-293	5.3	10

List of Publications

11	Rabbit models as tools for preclinical cardiac electrophysiological safety testing: Importance of repolarization reserve. *Progress in Biophysics and Molecular Biology*, **2016**, 121, 157-68	4.7	20
10	The Effect of a Novel Highly Selective Inhibitor of the Sodium/Calcium Exchanger (NCX) on Cardiac Arrhythmias in In Vitro and In Vivo Experiments. *PLoS ONE*, **2016**, 11, e0166041	3.7	32
9	A novel transgenic rabbit model with reduced repolarization reserve: long QT syndrome caused by a dominant-negative mutation of the KCNE1 gene. *British Journal of Pharmacology*, **2016**, 173, 2046-61	8.6	29
8	Identification and functional characterisation of a novel KCNJ2 mutation, Val302del, causing Andersen-Tawil syndrome. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 569-75	2.4	2
7	Novel experimental results in human cardiac electrophysiology: measurement of the Purkinje fibre action potential from the undiseased human heart. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 803-10	2.4	5
6	Ionic mechanisms limiting cardiac repolarization reserve in humans compared to dogs. *Journal of Physiology*, **2013**, 591, 4189-206	3.9	94
5	Human electrophysiological and pharmacological properties of XEN-D0101: a novel atrial-selective Kv1.5/IKur inhibitor. *Journal of Cardiovascular Pharmacology*, **2013**, 61, 408-15	3.1	36
4	Class I/B antiarrhythmic property of ranolazine, a novel antianginal agent, in dog and human cardiac preparations. *European Journal of Pharmacology*, **2011**, 662, 31-9	5.3	26
3	Contribution of I Kr and I K1 to ventricular repolarization in canine and human myocytes: is there any influence of action potential duration?. *Basic Research in Cardiology*, **2009**, 104, 33-41	11.8	33
2	Slow delayed rectifier potassium current (IKs) and the repolarization reserve. *Annals of Noninvasive Electrocardiology*, **2007**, 12, 64-78	1.5	64
1	Restricting excessive cardiac action potential and QT prolongation: a vital role for IKs in human ventricular muscle. *Circulation*, **2005**, 112, 1392-9	16.7	297