

Norbert Laszlo Jost

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Restricting excessive cardiac action potential and QT prolongation: a vital role for IKs in human ventricular muscle. <i>Circulation</i> , 2005 , 112, 1392-9	16.7	297
27	Ionic mechanisms limiting cardiac repolarization reserve in humans compared to dogs. <i>Journal of Physiology</i> , 2013 , 591, 4189-206	3.9	94
26	Slow delayed rectifier potassium current (IKs) and the repolarization reserve. <i>Annals of Noninvasive Electrocardiology</i> , 2007 , 12, 64-78	1.5	64
25	Low Resting Membrane Potential and Low Inward Rectifier Potassium Currents Are Not Inherent Features of hiPSC-Derived Cardiomyocytes. <i>Stem Cell Reports</i> , 2018 , 10, 822-833	8	51
24	Polysaccharides; Classification, Chemical Properties, and Future Perspective Applications in Fields of Pharmacology and Biological Medicine (A Review of Current Applications and Upcoming Potentialities). <i>Journal of Polymers and the Environment</i> , 2021 , 29, 1-13	4.5	41
23	Human electrophysiological and pharmacological properties of XEN-D0101: a novel atrial-selective Kv1.5/IKur inhibitor. <i>Journal of Cardiovascular Pharmacology</i> , 2013 , 61, 408-15	3.1	36
22	Contribution of I _{Kr} and I _{K1} to ventricular repolarization in canine and human myocytes: is there any influence of action potential duration?. <i>Basic Research in Cardiology</i> , 2009 , 104, 33-41	11.8	33
21	The Effect of a Novel Highly Selective Inhibitor of the Sodium/Calcium Exchanger (NCX) on Cardiac Arrhythmias in In Vitro and In Vivo Experiments. <i>PLoS ONE</i> , 2016 , 11, e0166041	3.7	32
20	A novel transgenic rabbit model with reduced repolarization reserve: long QT syndrome caused by a dominant-negative mutation of the KCNE1 gene. <i>British Journal of Pharmacology</i> , 2016 , 173, 2046-61	8.6	29
19	Class I/B antiarrhythmic property of ranolazine, a novel antianginal agent, in dog and human cardiac preparations. <i>European Journal of Pharmacology</i> , 2011 , 662, 31-9	5.3	26
18	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. <i>Toxicological Sciences</i> , 2019 , 168, 365-380	4.4	22
17	Rabbit models as tools for preclinical cardiac electrophysiological safety testing: Importance of repolarization reserve. <i>Progress in Biophysics and Molecular Biology</i> , 2016 , 121, 157-68	4.7	20
16	Block of Na(+)/Ca(2+) exchanger by SEA0400 in human right atrial preparations from patients in sinus rhythm and in atrial fibrillation. <i>European Journal of Pharmacology</i> , 2016 , 788, 286-293	5.3	10
15	Novel Na/Ca Exchanger Inhibitor ORM-10962 Supports Coupled Function of Funny-Current and Na/Ca Exchanger in Pacemaking of Rabbit Sinus Node Tissue. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1632	5.6	6
14	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. <i>European Journal of Pharmacology</i> , 2018 , 818, 278-286	5.3	6
13	Novel experimental results in human cardiac electrophysiology: measurement of the Purkinje fibre action potential from the undiseased human heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 803-10	2.4	5
12	Discovery and characterization of ORM-11372, a novel inhibitor of the sodium-calcium exchanger with positive inotropic activity. <i>British Journal of Pharmacology</i> , 2020 , 177, 5534-5554	8.6	5

11	Mexiletine-like cellular electrophysiological effects of GS967 in canine ventricular myocardium. <i>Scientific Reports</i> , 2021 , 11, 9565	4.9	4
10	Electrical Restitution and Its Modifications by Antiarrhythmic Drugs in Undiseased Human Ventricular Muscle. <i>Frontiers in Pharmacology</i> , 2020 , 11, 479	5.6	3
9	Canine Myocytes Represent a Good Model for Human Ventricular Cells Regarding Their Electrophysiological Properties. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
8	Identification and functional characterisation of a novel KCNJ2 mutation, Val302del, causing Andersen-Tawil syndrome. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 569-75	2.4	2
7	Implication of frequency-dependent protocols in antiarrhythmic and proarrhythmic drug testing. <i>Progress in Biophysics and Molecular Biology</i> , 2020 , 157, 76-83	4.7	2
6	The electrophysiological effects of cannabidiol on action potentials and transmembrane potassium currents in rabbit and dog cardiac ventricular preparations. <i>Archives of Toxicology</i> , 2021 , 95, 2497-2505	5.8	2
5	Long-Term Endurance Exercise Training Alters Repolarization in a New Rabbit Athlete Heart Model. <i>Frontiers in Physiology</i> , 2021 , 12, 741317	4.6	2
4	Cardiac electrophysiological effects of ibuprofen in dog and rabbit ventricular preparations: possible implication to enhanced proarrhythmic risk. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 102-109	2.4	1
3	Antiarrhythmic and cardiac electrophysiological effects of SZV-270, a novel compound with combined Class I/B and Class III effects, in rabbits and dogs. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 89-101	2.4	1
2	The Investigation of Combined Na ⁺ /Ca ²⁺ Exchanger and the L-type Ca ²⁺ Channel Inhibition in Langendorff Perfused Isolated Guinea Pig Hearts <i>Revista Romana De Cardiologie</i> , 2021 , 31, 537-545	0.1	
1	Muscarinic agonists inhibit the ATP-dependent potassium current and suppress the ventricle-Purkinje action potential dispersion. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 247-253	2.4	