

# Norbert Szentandrassy

## List of Publications by Year in Descending Order

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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.

48  
papers

1,023  
citations

18  
h-index

30  
g-index

54  
ext. papers

1,192  
ext. citations

4.6  
avg, IF

3.34  
L-index

#	Paper	IF	Citations
48	Exploring the Coordination of Cardiac Ion Channels With Action Potential Clamp Technique.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 864002	4.6	
47	Blockade of sodium-calcium exchanger via ORM-10962 attenuates cardiac alternans. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 153, 111-122	5.8	3
46	Mexiletine-like cellular electrophysiological effects of GS967 in canine ventricular myocardium. <i>Scientific Reports</i> , <b>2021</b> , 11, 9565	4.9	4
45	Canine Myocytes Represent a Good Model for Human Ventricular Cells Regarding Their Electrophysiological Properties. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
44	Ion current profiles in canine ventricular myocytes obtained by the "onion peeling" technique. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 158, 153-162	5.8	6
43	Pharmacological Modulation and (Patho)Physiological Roles of TRPM4 Channel-Part 2: TRPM4 in Health and Disease.. <i>Pharmaceuticals</i> , <b>2021</b> , 15,	5.2	1
42	Late sodium current in human, canine and guinea pig ventricular myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 139, 14-23	5.8	9
41	Time Course of Low-Frequency Oscillatory Behavior in Human Ventricular Repolarization Following Enhanced Sympathetic Activity and Relation to Arrhythmogenesis. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1547	4.6	6
40	Action potential contour contributes to species differences in repolarization response to $\beta$ -adrenergic stimulation. <i>Europace</i> , <b>2018</b> , 20, 1543-1552	3.9	14
39	Transient receptor potential melastatin 4 channel inhibitor 9-phenanthrol inhibits K but not Ca currents in canine ventricular myocytes. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2018</b> , 96, 1022-1029	2.4	9
38	Frequency-dependent effects of omecamtiv mecarbil on cell shortening of isolated canine ventricular cardiomyocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 1239-1246	3.4	24
37	Ca-activated Cl current is antiarrhythmic by reducing both spatial and temporal heterogeneity of cardiac repolarization. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2017</b> , 109, 27-37	5.8	13
36	Sarcolemmal Ca(2+)-entry through L-type Ca(2+) channels controls the profile of Ca(2+)-activated Cl(-) current in canine ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 97, 125-39	5.8	16
35	Contribution of ion currents to beat-to-beat variability of action potential duration in canine ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2015</b> , 467, 1431-1443	4.6	32
34	Cytosolic calcium changes affect the incidence of early afterdepolarizations in canine ventricular myocytes. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2015</b> , 93, 527-34	2.4	11
33	Oxidative shift in tissue redox potential increases beat-to-beat variability of action potential duration. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2015</b> , 93, 563-8	2.4	5
32	9-Anthracene carboxylic acid is more suitable than DIDS for characterization of calcium-activated chloride current during canine ventricular action potential. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2015</b> , 388, 87-100	3.4	8

31	Asynchronous activation of calcium and potassium currents by isoproterenol in canine ventricular myocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2014</b> , 387, 457-67	3.4	10
30	Efficacy of selective NCX inhibition by ORM-10103 during simulated ischemia/reperfusion. <i>European Journal of Pharmacology</i> , <b>2014</b> , 740, 539-51	5.3	11
29	Effects of tacrolimus on action potential configuration and transmembrane ion currents in canine ventricular cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2013</b> , 386, 239-46	3.4	6
28	Effects of pioglitazone on cardiac ion currents and action potential morphology in canine ventricular myocytes. <i>European Journal of Pharmacology</i> , <b>2013</b> , 710, 10-9	5.3	5
27	Tetrodotoxin blockade on canine cardiac L-type Ca <sup>2+</sup> channels depends on pH and redox potential. <i>Marine Drugs</i> , <b>2013</b> , 11, 2140-53	6	9
26	Tetrodotoxin blocks L-type Ca <sup>2+</sup> channels in canine ventricular cardiomyocytes. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2012</b> , 464, 167-74	4.6	19
25	A multiscale investigation of repolarization variability and its role in cardiac arrhythmogenesis. <i>Biophysical Journal</i> , <b>2011</b> , 101, 2892-902	2.9	84
24	Effects of the PKC inhibitors chelerythrine and bisindolylmaleimide I (GF 109203X) on delayed rectifier K <sup>+</sup> currents. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2011</b> , 383, 141-8	3.4	13
23	Activation of transient receptor potential vanilloid-3 inhibits human hair growth. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 1605-14	4.3	77
22	Drug-induced changes in action potential duration are proportional to action potential duration in rat ventricular myocardium. <i>General Physiology and Biophysics</i> , <b>2010</b> , 29, 309-13	2.1	3
21	Effects of articaine and ropivacaine on calcium handling and contractility in canine ventricular myocardium. <i>European Journal of Anaesthesiology</i> , <b>2010</b> , 27, 153-61	2.3	5
20	Effects of ropinirole on action potential characteristics and the underlying ion currents in canine ventricular myocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2010</b> , 382, 213-20	3.4	8
19	Reverse rate-dependent changes are determined by baseline action potential duration in mammalian and human ventricular preparations. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 315-23	11.8	40
18	Reverse rate dependency is an intrinsic property of canine cardiac preparations. <i>Cardiovascular Research</i> , <b>2009</b> , 84, 237-44	9.9	42
17	The Na <sup>+</sup> /Ca <sup>2+</sup> exchange blocker SEA0400 fails to enhance cytosolic Ca <sup>2+</sup> transient and contractility in canine ventricular cardiomyocytes. <i>Cardiovascular Research</i> , <b>2008</b> , 78, 476-84	9.9	22
16	SEA0400 fails to alter the magnitude of intracellular Ca <sup>2+</sup> transients and contractions in Langendorff-perfused guinea pig heart. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2008</b> , 378, 65-71	3.4	7
15	Protein kinase A is activated by the n-3 polyunsaturated fatty acid eicosapentaenoic acid in rat ventricular muscle. <i>Journal of Physiology</i> , <b>2007</b> , 582, 349-58	3.9	23
14	Hypotonic stress influence the membrane potential and alter the proliferation of keratinocytes in vitro. <i>Experimental Dermatology</i> , <b>2007</b> , 16, 302-10	4	17

13	Effect of partial blockade of the Na(+)/Ca(2+)-exchanger on Ca(2+) handling in isolated rat ventricular myocytes. <i>European Journal of Pharmacology</i> , <b>2007</b> , 576, 1-6	5.3	17
12	Investigation of the role of TASK-2 channels in rat pulmonary arteries; pharmacological and functional studies following RNA interference procedures. <i>British Journal of Pharmacology</i> , <b>2006</b> , 147, 496-505	8.6	29
11	Contribution of I <sub>Ks</sub> to ventricular repolarization in canine myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2006</b> , 452, 698-706	4.6	14
10	Effects of SEA0400 and KB-R7943 on Na <sup>+</sup> /Ca <sup>2+</sup> exchange current and L-type Ca <sup>2+</sup> current in canine ventricular cardiomyocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2005</b> , 372, 63-70	3.4	83
9	Asymmetrical distribution of ion channels in canine and human left-ventricular wall: epicardium versus midmyocardium. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2005</b> , 450, 307-16	4.6	94
8	Effects of terpenoid phenol derivatives on calcium current in canine and human ventricular cardiomyocytes. <i>European Journal of Pharmacology</i> , <b>2004</b> , 487, 29-36	5.3	44
7	Effects of norfluoxetine on the action potential and transmembrane ion currents in canine ventricular cardiomyocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 370, 203-10	3.4	7
6	Effect of thymol on calcium handling in mammalian ventricular myocardium. <i>Life Sciences</i> , <b>2004</b> , 74, 909-8	2.8	21
5	Effect of thymol on kinetic properties of Ca and K currents in rat skeletal muscle. <i>BMC Pharmacology</i> , <b>2003</b> , 3, 9		18
4	Endocardial versus epicardial differences in L-type calcium current in canine ventricular myocytes studied by action potential voltage clamp. <i>Cardiovascular Research</i> , <b>2003</b> , 58, 66-75	9.9	63
3	Electrophysiological effects of risperidone in mammalian cardiac cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2002</b> , 366, 350-6	3.4	24
2	Effects of thymol on calcium and potassium currents in canine and human ventricular cardiomyocytes. <i>British Journal of Pharmacology</i> , <b>2002</b> , 136, 330-8	8.6	31
1	Effects of the antiarrhythmic agent EGIS-7229 (S 21407) on calcium and potassium currents in canine ventricular cardiomyocytes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2001</b> , 363, 604-11	3.4	5