

# Kornel Kistamas

## List of Publications by Citations

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**Version:** 2024-04-25

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29  
papers

705  
citations

11  
h-index

26  
g-index

31  
ext. papers

928  
ext. citations

4.4  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
29	Calcium and Excitation-Contraction Coupling in the Heart. <i>Circulation Research</i> , <b>2017</b> , 121, 181-195	15.7	318
28	Dynamics of the late Na(+) current during cardiac action potential and its contribution to afterdepolarizations. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 64, 59-68	5.8	70
27	Activation of TRPV3 Regulates Inflammatory Actions of Human Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 365-374	4.3	36
26	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
25	Disulfide-activated protein kinase G $\beta$ regulates cardiac diastolic relaxation and fine-tunes the Frank-Starling response. <i>Nature Communications</i> , <b>2016</b> , 7, 13187	17.4	29
24	Calcium Handling Defects and Cardiac Arrhythmia Syndromes. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 72	5.6	23
23	Experimentally-Based Computational Investigation into Beat-To-Beat Variability in Ventricular Repolarization and Its Response to Ionic Current Inhibition. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151461	3.7	22
22	Systolic [Ca <sup>2+</sup> ] regulates diastolic levels in rat ventricular myocytes. <i>Journal of Physiology</i> , <b>2017</b> , 595, 5545-5555	5.5	17
21	Late Sodium Current Inhibitors as Potential Antiarrhythmic Agents. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 413	5.6	17
20	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
19	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
18	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
17	Role of gap junction channel in the development of beat-to-beat action potential repolarization variability and arrhythmias. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 1042-52	3.3	11
16	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
15	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
14	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
13	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

12	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
11	Correlation between the androgen receptor status of the appendix testis and the efficacy of human chorionic gonadotropin treatment in undescended testis. <i>International Urology and Nephrology</i> , <b>2015</b> , 47, 1235-9	2-3	6
10	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
9	Expression of anti-Mullerian hormone receptor on the appendix testis in connection with urological disorders. <i>Asian Journal of Andrology</i> , <b>2013</b> , 15, 400-3	2-8	6
8	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
7	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
6	Concept of relative variability of cardiac action potential duration and its test under various experimental conditions. <i>General Physiology and Biophysics</i> , <b>2016</b> , 35, 55-62	2-1	5
5	Mexiletine-like cellular electrophysiological effects of GS967 in canine ventricular myocardium. <i>Scientific Reports</i> , <b>2021</b> , 11, 9565	4-9	4
4	Long term regulation of cardiac L-type calcium channel by small G proteins. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 3714-9	4-3	2
3	Effect of the intracellular calcium concentration chelator BAPTA acetoxymethyl ester on action potential duration in canine ventricular myocytes. <i>Journal of Physiology and Pharmacology</i> , <b>2018</b> , 69, 99-107	2-1	2
2	Implication of frequency-dependent protocols in antiarrhythmic and proarrhythmic drug testing. <i>Progress in Biophysics and Molecular Biology</i> , <b>2020</b> , 157, 76-83	4-7	2
1	Late sodium current and calcium homeostasis in arrhythmogenesis. <i>Channels</i> , <b>2021</b> , 15, 1-19	3	2