Ivan Kopljar

List of Publications by Year
in descending order

15	426	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The resting membrane potential of hSC-CM in a syncytium is more hyperpolarised than that of isolated cells. Channels, 2021, 15, 239-252.	2.8	9
2	Assessing Drug-Induced Long QT and Proarrhythmic Risk Using Human Stem-Cell-Derived Cardiomyocytes in a Ca2+ Imaging Assay: Evaluation of 28 CiPA Compounds at Three Test Sites. Toxicological Sciences, 2019, 170, 345-356.	3.1	21
3	Pharmacological Profile of the Sodium Current in Human Stem Cell-Derived Cardiomyocytes Compares to Heterologous Nav1.5+Î²1 Model. Frontiers in Pharmacology, 2019, 10, 1374.	3.5	8
4	Impact of calcium-sensitive dyes on the beating properties and pharmacological responses of human iPS-derived cardiomyocytes using the calcium transient assay. Journal of Pharmacological and Toxicological Methods, 2018, 91, 80-86.	0.7	13
5	Development of a Human iPSC Cardiomyocyte-Based Scoring System for Cardiac Hazard Identification in Early Drug Safety De-risking. Stem Cell Reports, 2018, 11, 1365-1377.	4.8	42
6	Chronic drugâ€induced effects on contractile motion properties and cardiac biomarkers in human induced pluripotent stem cellâ€derived cardiomyocytes. British Journal of Pharmacology, 2017, 174, 3766-3779.	5.4	43
7	Functional and Transcriptional Characterization of Histone Deacetylase Inhibitor-Mediated Cardiac Adverse Effects in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Stem Cells Translational Medicine, 2016, 5, 602-612.	3.3	43
8	Gambierol and n-alkanols inhibit Shaker Kv channel via distinct binding sites outside the K+ pore. Toxicon, 2016, 120, 57-60.	1.6	3
9	Voltage-sensor conformation shapes the intra-membrane drug binding site that determines gambierol affinity in Kv channels. Neuropharmacology, 2016, 107, 160-167.	4.1	5
10	Alkanols inhibit voltage-gated K+ channels via a distinct gating modifying mechanism that prevents gate opening. Scientific Reports, 2015, 5, 17402.	3.3	2
11	The Mechanism of Action of Microalgal Toxins Interacting with NaV and KV Channels. , 2014, , 3-34.		0
12	The ladder-shaped polyether toxin gambierol anchors the gating machinery of Kv3.1 channels in the resting state. Journal of General Physiology, 2013, 141, 359-369.	1.9	24
13	Purification, molecular cloning and functional characterization of HelaTx1 (Heterometrus laoticus): The first member of a new Î²-KTX subfamily. Biochemical Pharmacology, 2012, 83, 1307-1317.	4.4	32
14	A polyether biotoxin binding site on the lipid-exposed face of the pore domain of Kv channels revealed by the marine toxin gambierol. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9896-9901.	7.1	52
15	Gambierol, a toxin produced by the dinoflagellate Gambierdiscus toxicus, is a potent blocker of voltage-gated potassium channels. Toxicon, 2008, 51, 974-983.	1.6	83