

Jiesheng Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11548540/publications.pdf>

Version: 2024-02-01

25
papers

1,863
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of a Series of Fluoroquinolone Antibacterial Drugs with the Human Cardiac K ⁺ Channel HERG. <i>Molecular Pharmacology</i> , 2001, 59, 122-126.	2.3	284
2	Pentamidine-Induced Long QT Syndrome and Block of hERG Trafficking. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 316-323.	2.5	250
3	Characterization of HERG potassium channel inhibition using CoMSiA 3D QSAR and homology modeling approaches. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1829-1835.	2.2	244
4	A comparison of the receptor binding and HERG channel affinities for a series of antipsychotic drugs. <i>European Journal of Pharmacology</i> , 2002, 450, 37-41.	3.5	215
5	Discovery of a Small Molecule Activator of the Human Ether-a-go-go-Related Gene (HERG) Cardiac K ⁺ Channel. <i>Molecular Pharmacology</i> , 2005, 67, 827-836.	2.3	160
6	Development and Evaluation of High Throughput Functional Assay Methods for hERG Potassium Channel. <i>Journal of Biomolecular Screening</i> , 2001, 6, 325-331.	2.6	104
7	Predictive models for hERG potassium channel blockers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3637-3642.	2.2	98
8	High affinity blockade of the HERG cardiac K ⁺ channel by the neuroleptic pimozide. <i>European Journal of Pharmacology</i> , 2000, 392, 137-140.	3.5	84
9	Proarrhythmic mechanisms of the common anti-diarrheal medication loperamide: revelations from the opioid abuse epidemic. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1133-1137.	3.0	55
10	Mechanisms Underlying the QT Interval-prolonging Effects of Sevoflurane and Its Interactions with Other QT-prolonging Drugs. <i>Anesthesiology</i> , 2006, 104, 1015-1022.	2.5	54
11	Cardiac Ion Channel Effects of Tolterodine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 935-940.	2.5	51
12	In Vivo Responses of Single Olfactory Receptor Neurons of Channel Catfish to Binary Mixtures of Amino Acids. <i>Journal of Neurophysiology</i> , 1997, 77, 1-8.	1.8	44
13	Ca ²⁺ Channel Activators Reveal Differential L-Type Ca ²⁺ Channel Pharmacology between Native and Stem Cell-Derived Cardiomyocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 510-517.	2.5	37
14	Mephedrone, a new designer drug of abuse, produces acute hemodynamic effects in the rat. <i>Toxicology Letters</i> , 2012, 208, 62-68.	0.8	37
15	The Antipsychotic Drugs Sertindole and Pimozide Block erg3, a Human Brain K ⁺ Channel. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 499-504.	2.1	24
16	In Vitro Electrocardiographic and Cardiac Ion Channel Effects of (âˆ’)-Epigallocatechin-3-Gallate, the Main Catechin of Green Tea. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 619-626.	2.5	24
17	Design of bivalent ligands using hydrogen bond linkers: synthesis and evaluation of inhibitors for human Î² ² -tryptase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 6053-6056.	2.2	22
18	Molecular determinants of loperamide and N-desmethyl loperamide binding in the hERG cardiac K ⁺ channel. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 446-451.	2.2	16

#	ARTICLE	IF	CITATIONS
19	Protein kinase C and receptor kinase gene expression in olfactory receptor neurons. , 1997, 33, 387-394.		15
20	A β -tryptase inhibitor with a tropanylamide scaffold to improve in vitro stability and to lower hERG channel binding affinity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1606-1610.	2.2	15
21	L-Type Ca ²⁺ Channel Responses to Bay K 8644 in Stem Cell-Derived Cardiomyocytes Are Unusually Dependent on Holding Potential and Charge Carrier. Assay and Drug Development Technologies, 2014, 12, 352-360.	1.2	12
22	<i>In Vitro</i> electrophysiological activity of nerispiridine, a novel 4-aminopyridine derivative. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 1104-1109.	1.9	8
23	FUNCTIONAL INTERACTION BETWEEN DPI-201-106, A DRUG THAT MIMICS CONGENITAL LONG QT SYNDROME, AND SEVOFLURANE ON THE GUINEA-PIG CARDIAC ACTION POTENTIAL. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1313-1316.	1.9	3
24	Design and synthesis of a novel series of histamine H3 receptor antagonists through a scaffold hopping strategy. Bioorganic and Medicinal Chemistry, 2015, 23, 429-438.	3.0	2
25	Observations on conducting whole-cell patch clamping of the hERG cardiac K ⁺ channel in pure human serum. Journal of Applied Toxicology, 2017, 37, 445-453.	2.8	1