

Jiesheng Kang

List of Publications by Year in descending order

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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	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
2	Observations on conducting whole-cell patch clamping of the hERG cardiac K ⁺ channel in pure human serum. <i>Journal of Applied Toxicology</i> , 2017, 37, 445-453.	2.8	1
3	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
4	Design and synthesis of a novel series of histamine H3 receptor antagonists through a scaffold hopping strategy. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 429-438.	3.0	2
5	L-Type Ca ²⁺ Channel Responses to Bay K 8644 in Stem Cell-Derived Cardiomyocytes Are Unusually Dependent on Holding Potential and Charge Carrier. <i>Assay and Drug Development Technologies</i> , 2014, 12, 352-360.	1.2	12
6	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
7	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
8	A β -tryptase inhibitor with a tropanylamide scaffold to improve in vitro stability and to lower hERG channel binding affinity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1606-1610.	2.2	15
9	In Vitro Electrocardiographic and Cardiac Ion Channel Effects of (â)-Epigallocatechin-3-Gallate, the Main Catechin of Green Tea. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 619-626.	2.5	24
10	<i>In Vitro</i> electrophysiological activity of nerispiridine, a novel 4-aminopyridine derivative. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1104-1109.	1.9	8
11	FUNCTIONAL INTERACTION BETWEEN DPI-201-106, A DRUG THAT MIMICS CONGENITAL LONG QT SYNDROME, AND SEVOFLURANE ON THE GUINEA-PIG CARDIAC ACTION POTENTIAL. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 1313-1316.	1.9	3
12	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
13	Predictive models for hERG potassium channel blockers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3637-3642.	2.2	98
14	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
15	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
16	Cardiac Ion Channel Effects of Tolterodine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 935-940.	2.5	51
17	Design of bivalent ligands using hydrogen bond linkers: synthesis and evaluation of inhibitors for human β -tryptase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 6053-6056.	2.2	22
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Protein kinase C and receptor kinase gene expression in olfactory receptor neurons. , 1997, 33, 387-394.		15