

Alessandra Matavel

List of Publications by Year in descending order

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18
papers

551
citations

759233

12
h-index

1058476

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docs citations

18
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Molecule Disruption of $G\hat{1}^2\hat{1}^3$ Signaling Inhibits the Progression of Heart Failure. <i>Circulation Research</i> , 2010, 107, 532-539.	4.5	117
2	Molecular Basis of Decreased Kir4.1 Function in SeSAME/EAST Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 2117-2129.	6.1	62
3	Protein Kinase A Modulates PLC-Dependent Regulation and PIP ₂ -Sensitivity of K ⁺ Channels. <i>Channels</i> , 2007, 1, 124-134.	2.8	53
4	Electrophysiological characterization and molecular identification of the Phoneutria nigriventer peptide toxin PnTx2-61. <i>FEBS Letters</i> , 2002, 523, 219-223.	2.8	49
5	PKA and PKC partially rescue Long QT type 1 phenotype by restoring channel-PIP ₂ interactions. <i>Channels</i> , 2010, 4, 3-11.	2.8	49
6	PKC activation and PIP ₂ depletion underlie biphasic regulation of IKs by Gq-coupled receptors. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 704-712.	1.9	42
7	Structure and Activity Analysis of Two Spider Toxins That Alter Sodium Channel Inactivation Kinetics. <i>Biochemistry</i> , 2009, 48, 3078-3088.	2.5	37
8	PnPP-19, a Synthetic and Nontoxic Peptide Designed from a <i>Phoneutria nigriventer</i> Toxin, Potentiates Erectile Function via NO/cGMP. <i>Journal of Urology</i> , 2015, 194, 1481-1490.	0.4	37
9	New insights on arthropod toxins that potentiate erectile function. <i>Toxicon</i> , 2013, 69, 152-159.	1.6	27
10	Differential effects of the recombinant toxin PnTx4(5-5) from the spider <i>Phoneutria nigriventer</i> on mammalian and insect sodium channels. <i>Biochimie</i> , 2016, 121, 326-335.	2.6	24
11	Use of a purified and functional recombinant calcium-channel $\hat{1}^24$ subunit in surface-plasmon resonance studies. <i>Biochemical Journal</i> , 2002, 364, 285-292.	3.7	22
12	Evolution of maurotoxin conformation and blocking efficacy towards Shaker B channels during the course of folding and oxidation in vitro. <i>Biochemical Journal</i> , 2002, 361, 409-416.	3.7	12
13	<i>Phoneutria nigriventer</i> Venom and Toxins: A Review. , 2016, , 71-99.		9
14	Tityustoxin effect on nerve compound action potentials requires extracellular sodium. <i>Neuroscience Letters</i> , 2000, 282, 25-28.	2.1	5
15	<i>Phoneutria nigriventer</i> Venom and Toxins: A Review. , 2015, , 1-24.		5
16	Toxins from Venomous Arthropods in Brazil: Patents and Potential Biotechnological Applications. <i>Venoms and Toxins</i> , 2022, 2, .	0.3	1
17	<i>Spider Venom and Drug Discovery: A Review. , 2015, , 1-14.</i>		0
18	Gene sequence analysis of toxins from the spider <i>Phoneutria nigriventer</i> revealed an intronless feature. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190075.	1.4	0