

Marcela S Nadal

List of Publications by Year in descending order

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17
papers

2,187
citations

777949

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1051228

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2773
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species in Emulated Martian Conditions and Their Effect on the Viability of the Unicellular Alga <i>Scenedesmus dimorphus</i> . <i>Astrobiology</i> , 2021, 21, 692-705.	1.5	0
2	Free-Radical Formation by the Peroxidase-Like Catalytic Activity of MFe_2O_4 (M) Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28511-28512.	1.5	27
3	Reply to "Comment on "Free-Radical Formation by the Peroxidase-Like Catalytic Activity of MFe_2O_4 (M = Fe, Ni, and Mn) Nanoparticles". <i>Journal of Physical Chemistry C</i> , 2019, 123, 28511-28512.	1.5	2
4	Effects of biological buffer solutions on the peroxidase-like catalytic activity of Fe_3O_4 nanoparticles. <i>Nanoscale</i> , 2019, 11, 18393-18406.	2.8	31
5	Inward rectifier potassium current I_{Kir} promotes intrinsic pacemaker activity of thalamocortical neurons. <i>Journal of Neurophysiology</i> , 2018, 119, 2358-2372.	0.9	10
6	Analysis of the role of the low threshold currents I_T and I_h in intrinsic delta oscillations of thalamocortical neurons. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 52.	1.2	15
7	The interplay of seven subthreshold conductances controls the resting membrane potential and the oscillatory behavior of thalamocortical neurons. <i>Journal of Neurophysiology</i> , 2014, 112, 393-410.	0.9	41
8	The Dipeptidyl-Peptidase-Like Protein DPP6 Determines the Unitary Conductance of Neuronal $Kv4.2$ Channels. <i>Journal of Neuroscience</i> , 2009, 29, 3242-3251.	1.7	43
9	$Kv4$ Accessory Protein DPPX (DPP6) is a Critical Regulator of Membrane Excitability in Hippocampal CA1 Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2008, 100, 1835-1847.	0.9	63
10	DPP6 localization in brain supports function as a $Kv4$ channel associated protein. <i>Frontiers in Molecular Neuroscience</i> , 2008, 1, 8.	1.4	58
11	Differential characterization of three alternative spliced isoforms of DPPX. <i>Brain Research</i> , 2006, 1094, 1-12.	1.1	47
12	DPP10 Modulates $Kv4$ -mediated A-type Potassium Channels. <i>Journal of Biological Chemistry</i> , 2005, 280, 18853-18861.	1.6	120
13	The CD26-Related Dipeptidyl Aminopeptidase-like Protein DPPX Is a Critical Component of Neuronal A-Type K^+ Channels. <i>Neuron</i> , 2003, 37, 449-461.	3.8	324
14	Modulation of $Kv3$ potassium channels expressed in CHO cells by a nitric oxide-activated phosphatase. <i>Journal of Physiology</i> , 2001, 530, 345-358.	1.3	34
15	The Effects of Shaker β -Subunits on the Human Lymphocyte K^+ Channel $Kv1.3$. <i>Journal of Biological Chemistry</i> , 1999, 274, 20123-20126.	1.6	45
16	Molecular Diversity of K^+ Channels. <i>Annals of the New York Academy of Sciences</i> , 1999, 868, 233-255.	1.8	1,057
17	Contributions of $Kv3$ Channels to Neuronal Excitability. <i>Annals of the New York Academy of Sciences</i> , 1999, 868, 304-343.	1.8	270