

Gustavo Chaves

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

221
citations

1306789

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1199166

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all docs

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docs citations

13
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Tryptophan 207 is crucial to the unique properties of the human voltage-gated proton channel, hHV1. <i>Journal of General Physiology</i> , 2015, 146, 343-356.	0.9	43
2	DNA adsorbed on hydroxyapatite surfaces. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6953-6966.	2.9	41
3	Mineralization of DNA into nanoparticles of hydroxyapatite. <i>Dalton Transactions</i> , 2014, 43, 317-327.	1.6	39
4	Synergistic Approach to Elucidate the Incorporation of Magnesium Ions into Hydroxyapatite. <i>Chemistry - A European Journal</i> , 2015, 21, 2537-2546.	1.7	24
5	Identification of an H_{V1} voltage-gated proton channel in insects. <i>FEBS Journal</i> , 2016, 283, 1453-1464.	2.2	21
6	Assessing Structural Determinants of Zn^{2+} Binding to Human HV1 via Multiple MD Simulations. <i>Biophysical Journal</i> , 2020, 118, 1221-1233.	0.2	12
7	Zinc modulation of proton currents in a new voltage-gated proton channel suggests a mechanism of inhibition. <i>FEBS Journal</i> , 2020, 287, 4996-5018.	2.2	12
8	The pH-dependent gating of the human voltage-gated proton channel from computational simulations. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 9964-9977.	1.3	8
9	Zinc accelerates respiratory burst termination in human PMN. <i>Redox Biology</i> , 2021, 47, 102133.	3.9	6
10	Announcing the call for the Issue Focus on the 2nd Costa Rican Biophysics Symposiumâ€”virtual meeting, March 2021. <i>Biophysical Reviews</i> , 2021, 13, 487-488.	1.5	5
11	Voltage-gated proton channels in polyneopteran insects. <i>FEBS Open Bio</i> , 2022, 12, 523-537.	1.0	5
12	Editorial for â€”Issue focus on 2nd Costa Rica biophysics symposium â€” March 11thâ€”12th, 2021â€™. <i>Biophysical Reviews</i> , 2022, 14, 545-548.	1.5	5