

Gustavo Chaves

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

221
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
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. Journal of General Physiology, 2015, 146, 343-356.	1.9	43
2	DNA adsorbed on hydroxyapatite surfaces. Journal of Materials Chemistry B, 2014, 2, 6953-6966.	5.8	41
3	Mineralization of DNA into nanoparticles of hydroxyapatite. Dalton Transactions, 2014, 43, 317-327.	3.3	39
4	Synergistic Approach to Elucidate the Incorporation of Magnesium Ions into Hydroxyapatite. Chemistry - A European Journal, 2015, 21, 2537-2546.	3.3	24
5	Identification of an H_{V1} voltage-gated proton channel in insects. FEBS Journal, 2016, 283, 1453-1464.	4.7	21
6	Assessing Structural Determinants of Zn^{2+} Binding to Human HV1 via Multiple MD Simulations. Biophysical Journal, 2020, 118, 1221-1233.	0.5	12
7	Zinc modulation of proton currents in a new voltage-gated proton channel suggests a mechanism of inhibition. FEBS Journal, 2020, 287, 4996-5018.	4.7	12
8	The pH-dependent gating of the human voltage-gated proton channel from computational simulations. Physical Chemistry Chemical Physics, 2022, 24, 9964-9977.	2.8	8
9	Zinc accelerates respiratory burst termination in human PMN. Redox Biology, 2021, 47, 102133.	9.0	6
10	Announcing the call for the Issue Focus on the 2nd Costa Rican Biophysics Symposiumâ€”virtual meeting, March 2021. Biophysical Reviews, 2021, 13, 487-488.	3.2	5
11	Voltage-gated proton channels in polynopteran insects. FEBS Open Bio, 2022, 12, 523-537.	2.3	5
12	Editorial for â€”Issue focus on 2nd Costa Rica biophysics symposium â€” March 11thâ€”12th, 2021â€”™. Biophysical Reviews, 2022, 14, 545-548.	3.2	5