Amaury Pupo

List of Publications by Year
in descending order

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35 papers	900 citations	623574 14 h-index	501076 28 g-index
39 all docs	39 docs citations	39 times ranked	1766 citing authors

#	Article	IF	Citations
1	Expression of H_v1 proton channels in myeloid-derived suppressor cells (MDSC) and its potential role in T cell regulation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2104453119.	3.3	9
2	Analysing an allelic series of rare missense variants of CACNA1I in a Swedish schizophrenia cohort. Brain, 2022, 145, 1839-1853.	3.7	18
3	Control of lysosomal-mediated cell death by the pH-dependent calcium channel RECS1. Science Advances, 2021, 7, eabe5469.	4.7	14
4	MCHM Acts as a Hydrotrope, Altering the Balance of Metals in Yeast. Biological Trace Element Research, 2020, 195, 260-271.	1.9	7
5	Resistance Mechanisms ofSaccharomyces cerevisiaeto Commercial Formulations of Glyphosate Involve DNA Damage Repair, the Cell Cycle, and the Cell Wall Structure. G3: Genes, Genomes, Genetics, 2020, 10, 2043-2056.	0.8	9
6	The Polymorphic PolyQ Tail Protein of the Mediator Complex, Med15, Regulates the Variable Response to Diverse Stresses. International Journal of Molecular Sciences, 2020, 21, 1894.	1.8	9
7	The Yeast Atlas of Appalachia: Species and Phenotypic Diversity of Herbicide Resistance in Wild Yeast. Diversity, 2020, 12, 139.	0.7	5
8	Effects of MCHM on yeast metabolism. PLoS ONE, 2019, 14, e0223909.	1.1	6
9	The syndromic deafness mutation G12R impairs fast and slow gating in Cx26 hemichannels. Journal of General Physiology, 2018, 150, 697-711.	0.9	19
10	Calcium binding and voltage gating in Cx46 hemichannels. Scientific Reports, 2017, 7, 15851.	1.6	10
11	B-CD8+T Cell Interactions in the Anti-Idiotypic Response against a Self-Antibody. Journal of Immunology Research, 2017, 2017, 1-16.	0.9	2
12	Extracellular Cysteine in Connexins: Role as Redox Sensors. Frontiers in Physiology, 2016, 7, 1.	1.3	247
13	Pharmacological Modulation of Proton Channel Hv1 in Cancer Therapy: Future Perspectives. Molecular Pharmacology, 2016, 90, 385-402.	1.0	17
14	Connexinopathies: a structural and functional glimpse. BMC Cell Biology, 2016, 17, 17.	3.0	42
15	Charged Residues at the First Transmembrane Region Contribute to the Voltage Dependence of the Slow Gate of Connexins. Journal of Biological Chemistry, 2016, 291, 15740-15752.	1.6	13
16	From Hyperactive Connexin26 Hemichannels to Impairments in Epidermal Calcium Gradient and Permeability Barrier in the Keratitis-Ichthyosis-Deafness Syndrome. Journal of Investigative Dermatology, 2016, 136, 574-583.	0.3	41
17	Molecular Determinants Underlying the Pathogenic Mechanism of Kid Syndrome Elicited by Cx26G12R Mutation. Biophysical Journal, 2016, 110, 352a.	0.2	0
18	Carbon monoxide: A new player in the redox regulation of connexin hemichannels. IUBMB Life, 2015, 67, 428-437.	1.5	14

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19	Molecular mechanism underlying Î²1 regulation in voltage- and calcium-activated potassium (BK) channels. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4809-4814.	3.3	27
20	Voltageâ€gated proton (H_v1) channels, a singular voltage sensing domain. FEBS Letters, 2015, 589, 3471-3478.	1.3	11
21	Voltage-dependent BK and Hv1 channels expressed in non-excitable tissues: New therapeutics opportunities as targets in human diseases. Pharmacological Research, 2015, 101, 56-64.	3.1	17
22	Delineating the functional map of the interaction between nimotuzumab and the epidermal growth factor receptor. MAbs, 2014, 6, 1013-1025.	2.6	15
23	Fine epitope specificity of antibodies against interleukin-2 explains their paradoxical immunomodulatory effects. MAbs, 2014, 6, 273-285.	2.6	23
24	Proton channel models. Channels, 2014, 8, 180-192.	1.5	12
25	A combinatorial mutagenesis approach for functional epitope mapping on phage-displayed target antigen. MAbs, 2014, 6, 637-648.	2.6	17
26	In pursuit of an inhibitory drug for the proton channel. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9673-9674.	3.3	8
27	Integration of ligand and structure-based virtual screening for identification of leading anabolic steroids. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 348-358.	1.2	3
28	Engineering the Binding Site of an Antibody against N-Glycolyl GM3: From Functional Mapping to Novel Anti-ganglioside Specificities. ACS Chemical Biology, 2013, 8, 376-386.	1.6	17
29	Affinity maturation and fine functional mapping of an antibody fragment against a novel neutralizing epitope on human vascular endothelial growth factor. Molecular BioSystems, 2013, 9, 2097.	2.9	23
30	Deciphering the molecular bases of the biological effects of antibodies against Interleukin-2: A versatile platform for fine epitope mapping. Immunobiology, 2013, 218, 105-113.	0.8	23
31	Nimotuzumab, an Antitumor Antibody that Targets the Epidermal Growth Factor Receptor, Blocks Ligand Binding while Permitting the Active Receptor Conformation. Cancer Research, 2009, 69, 5851-5859.	0.4	164
32	Do rotamer libraries reproduce the side-chain conformations of peptidic ligands from the PDB?. Journal of Molecular Graphics and Modelling, 2009, 27, 611-619.	1.3	3
33	Predicting functional residues in Plasmodium falciparum plasmepsins by combining sequence and structural analysis with molecular dynamics simulations. Proteins: Structure, Function and Bioinformatics, 2008, 73, 440-457.	1.5	19
34	Preferential selection of Cysâ€constrained peptides from a random phageâ€displayed library by antiâ€glucitollysine antibodies. Journal of Peptide Science, 2008, 14, 1216-1221.	0.8	5
35	Structural and functional characterization of a recombinant sticholysin I (rSt I) from the sea anemone Stichodactyla helianthus. Toxicon, 2006, 48, 1083-1094.	0.8	27