

Guido Guidotti

List of Publications by Year in descending order

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17
papers

1,241
citations

623734

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940533

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17
docs citations

17
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and Cloning of a Soluble ATP-Diphosphohydrolase (Apyrase) from Potato Tubers (<i>Solanum tuberosum</i>). <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 916-923.	2.1	309
2	CD39 Is an Ecto-(Ca ²⁺ ,Mg ²⁺)-apyrase. <i>Journal of Biological Chemistry</i> , 1996, 271, 9898-9901.	3.4	258
3	The Transmembrane Domains of Ectoapyrase (CD39) Affect Its Enzymatic Activity and Quaternary Structure. <i>Journal of Biological Chemistry</i> , 1998, 273, 24814-24821.	3.4	124
4	Golgi Localization and Functional Expression of Human Uridine Diphosphatase. <i>Journal of Biological Chemistry</i> , 1998, 273, 11392-11399.	3.4	102
5	Characterization of brain ecto-apyrase: evidence for only one ecto-apyrase (CD39) gene. <i>Molecular Brain Research</i> , 1997, 47, 295-302.	2.3	81
6	Substitution of His59 Converts CD39 Apyrase into an ADPase in a Quaternary Structure Dependent Manner. <i>Biochemistry</i> , 2000, 39, 9-16.	2.5	61
7	Transmembrane Domains Confer Different Substrate Specificities and Adenosine Diphosphate Hydrolysis Mechanisms on CD39, CD39L1, and Chimeras. <i>Biochemistry</i> , 2002, 41, 1947-1956.	2.5	48
8	Glucose-dependent, cAMP-mediated ATP efflux from <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 2000, 154, 107-115.	1.8	43
9	Mammalian Plasma Membrane Ecto-nucleoside Triphosphate Diphosphohydrolase 1, CD39, Is Not Active Intracellularly. <i>Journal of Biological Chemistry</i> , 2001, 276, 41518-41525.	3.4	41
10	Glycans pattern the phase behaviour of lipid membranes. <i>Nature Materials</i> , 2013, 12, 128-133.	27.5	41
11	CD39, NTPDase 1, is attached to the plasma membrane by two transmembrane domains. Why?. <i>Purinergic Signalling</i> , 2006, 2, 391-398.	2.2	40
12	Dynamic Motions of CD39 Transmembrane Domains Regulate and Are Regulated by the Enzymatic Active Site. <i>Biochemistry</i> , 2004, 43, 13849-13858.	2.5	35
13	A Yeast Golgi E-type ATPase with an Unusual Membrane Topology. <i>Journal of Biological Chemistry</i> , 1999, 274, 32704-32711.	3.4	32
14	Bilayer Mechanical Properties Regulate the Transmembrane Helix Mobility and Enzymatic State of CD39. <i>Biochemistry</i> , 2007, 46, 279-290.	2.5	14
15	Structure and function of ectoapyrase (CD39). <i>Drug Development Research</i> , 1998, 45, 245-252.	2.9	10
16	Interactions between the transmembrane domains of CD39: identification of interacting residues by yeast selection. <i>ScienceOpen Research</i> , 2014, 2014, .	0.6	2
17	Expression of a single gene produces both forms of skeletal muscle cyclic nucleotide-gated channels. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 273, E1140-E1148.	3.5	0