

Véronique Trézoguet

List of Publications by Year in descending order

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40
papers

1,877
citations

471509

17
h-index

276875

41
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45
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45
docs citations

45
times ranked

2192
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of mitochondrial ADP/ATP carrier in complex with carboxyatractyloside. <i>Nature</i> , 2003, 426, 39-44.	27.8	926
2	Mitochondrial energetics is impaired <i>in vivo</i> in aged skeletal muscle. <i>Aging Cell</i> , 2014, 13, 39-48.	6.7	109
3	The mitochondrial ADP/ATP carrier (SLC25 family): Pathological implications of its dysfunction. <i>Molecular Aspects of Medicine</i> , 2013, 34, 485-493.	6.4	107
4	The Human Mitochondrial ADP/ATP Carriers: Kinetic Properties and Biogenesis of Wild-Type and Mutant Proteins in the Yeast <i>S. cerevisiae</i> . <i>Biochemistry</i> , 2002, 41, 14412-14420.	2.5	83
5	Targeting Lipid Metabolism in Liver Cancer. <i>Biochemistry</i> , 2020, 59, 3951-3964.	2.5	57
6	A mammalian tryptophanyl-tRNA synthetase shows little homology to prokaryotic synthetases but near identity with mammalian peptide chain release factor. <i>Biochemistry</i> , 1991, 30, 7809-7817.	2.5	56
7	The Dynamic Dimerization of the Yeast ADP/ATP Carrier in the Inner Mitochondrial Membrane Is Affected by Conserved Cysteine Residues. <i>Journal of Biological Chemistry</i> , 2003, 278, 26757-26764.	3.4	40
8	Conformational Dynamics of the Bovine Mitochondrial ADP/ATP Carrier Isoform 1 Revealed by Hydrogen/Deuterium Exchange Coupled to Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2010, 285, 34981-34990.	3.4	39
9	A covalent tandem dimer of the mitochondrial ADP/ATP carrier is functional <i>in vivo</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1457, 81-93.	1.0	36
10	New tumor suppressor microRNAs target glypican-3 in human liver cancer. <i>Oncotarget</i> , 2017, 8, 41211-41226.	1.8	31
11	Two Distinct Regions of the Yeast Mitochondrial ADP/ATP Carrier Are Photolabeled by a New ADP Analogue: 2-Azido-3-O-naphthoyl-[γ - 32 P]ADP. Identification of the Binding Segments by Mass Spectrometry. <i>Biochemistry</i> , 2000, 39, 11477-11487.	2.5	28
12	Conformational Changes of the Yeast Mitochondrial Adenosine Diphosphate/Adenosine Triphosphate Carrier Studied through Its Intrinsic Fluorescence. 1. Tryptophanyl Residues of the Carrier Can Be Mutated without Impairing Protein Activity. <i>Biochemistry</i> , 1996, 35, 16116-16124.	2.5	25
13	Subunits of the Yeast Mitochondrial ADP/ATP Carrier: Cooperation within the Dimer. <i>Biochemistry</i> , 2005, 44, 14732-14740.	2.5	24
14	Kinetic evidence for half-of-the-sites reactivity in tRNA ^{Trp} aminoacylation by tryptophanyl-tRNA synthetase from beef pancreas. <i>Biochemistry</i> , 1986, 25, 7125-7136.	2.5	22
15	Fluorometric Titration of the Mitochondrial ADP/ATP Carrier Protein in Muscle Homogenate with Attractyloside Derivatives. <i>Analytical Biochemistry</i> , 1996, 234, 31-37.	2.4	21
16	Purification of Histidine-Tagged Mitochondrial ADP/ATP Carrier: Influence of the Conformational States of the C-Terminal Region. <i>Protein Expression and Purification</i> , 2000, 19, 57-65.	1.3	21
17	Tryptophanyl adenylate formation by tryptophanyl-tRNA synthetase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 1986, 25, 1115-1123.	2.5	18
18	Conformational Changes of the Yeast Mitochondrial Adenosine Diphosphate/Adenosine Triphosphate Carrier Studied through Its Intrinsic Fluorescence. 2. Assignment of Tryptophanyl Residues of the Carrier to the Responses to Specific Ligands. <i>Biochemistry</i> , 1996, 35, 16125-16131.	2.5	17

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19	Yeast ADP/ATP Carrier Isoform 2. <i>Journal of Biological Chemistry</i> , 2011, 286, 36119-36131.	3.4	17
20	Expression of the ADP/ATP carrier encoding genes in aerobic yeasts; phenotype of an ADP/ATP carrier deletion mutant of <i>Schizosaccharomyces pombe</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1410, 229-236.	1.0	16
21	Cloning of the gene encoding the mitochondrial adenine nucleotide carrier of <i>Schizosaccharomyces pombe</i> by functional complementation in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1996, 171, 113-117.	2.2	14
22	Two Residues of a Conserved Aromatic Ladder of the Mitochondrial ADP/ATP Carrier Are Crucial to Nucleotide Transport. <i>Biochemistry</i> , 2008, 47, 13223-13231.	2.5	14
23	Unambiguous structure of atractyloside and carboxyatractyloside. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2973-2975.	2.2	14
24	The Secondary Structure of the Inhibited Mitochondrial ADP/ATP Transporter from Yeast Analyzed by FTIR Spectroscopy. <i>Biochemistry</i> , 2001, 40, 8821-8833.	2.5	12
25	The mitochondrial ADP/ATP carrier: functional and structural studies in the route of elucidating pathophysiological aspects. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 435-443.	2.3	12
26	Structure-Function Relationships of the C-Terminal End of the <i>Saccharomyces cerevisiae</i> ADP/ATP Carrier Isoform 2. <i>Journal of Biological Chemistry</i> , 2008, 283, 11218-11225.	3.4	11
27	Tryptophanamide formation by <i>Escherichia coli</i> tryptophanyl-tRNA synthetase. <i>FEBS Journal</i> , 1985, 146, 201-209.	0.2	10
28	Four mutations in transmembrane domains of the mitochondrial ADP/ATP carrier increase resistance to bongkrekic acid. <i>Journal of Bioenergetics and Biomembranes</i> , 2003, 35, 243-256.	2.3	10
29	The Transmembrane Prolines of the Mitochondrial ADP/ATP Carrier Are Involved in Nucleotide Binding and Transport and Its Biogenesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 10368-10378.	3.4	10
30	Mitochondrial ADP/ATP Carrier: Preventing Conformational Changes by Point Mutations Inactivates Nucleotide Transport Activity. <i>Biochemistry</i> , 2012, 51, 7348-7356.	2.5	10
31	Hepatocellular Carcinoma and Statins. <i>Biochemistry</i> , 2020, 59, 3393-3400.	2.5	10
32	Structural and Functional Implications of the Instability of the ADP/ATP Transporter Purified from Mitochondria as Revealed by FTIR Spectroscopy. <i>Biophysical Journal</i> , 2003, 85, 255-266.	0.5	9
33	On the mechanism of tRNA ^{Trp} aminoacylation catalysed by beef tryptophanyl-tRNA synthetase using presteady-state kinetics. <i>FEBS Letters</i> , 1983, 157, 210-214.	2.8	7
34	Effects of the ligands of beef tryptophanyl-tRNA synthetase on the elementary steps of the tRNA ^{Trp} aminoacylation. <i>Biochemistry</i> , 1988, 27, 2244-2252.	2.5	7
35	Valine 181 Is Critical for the Nucleotide Exchange Activity of Human Mitochondrial ADP/ATP Carriers in Yeast. <i>Biochemistry</i> , 2005, 44, 4342-4348.	2.5	7
36	Role of Glycanation and Convertase Maturation of Soluble Glypican-3 in Inhibiting Proliferation of Hepatocellular Carcinoma Cells. <i>Biochemistry</i> , 2018, 57, 1201-1211.	2.5	7

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37	Fluorometric detection of ADP/ATP carrier deficiency in human muscle. Clinica Chimica Acta, 2001, 311, 125-135.	1.1	6
38	Immuno-Metabolic Modulation of Liver Oncogenesis by the Tryptophan Metabolism. Cells, 2021, 10, 3469.	4.1	6
39	The adenosine triphosphate-pyrophosphate isotopic exchange reaction: A tool for determination of tryptophan. Analytical Biochemistry, 1986, 154, 618-623.	2.4	2
40	Native Membrane Proteins vs. Yeast Recombinant: An Example: The Mitochondrial ADP/ATP Carrier. Methods in Molecular Biology, 2010, 654, 19-28.	0.9	1