

Stathis Frilingos

List of Publications by Year in descending order

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41
papers

1,377
citations

361045

20
h-index

329751

37
g-index

41
all docs

41
docs citations

41
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Cys-scanning mutagenesis: a novel approach to structure-function relationships in polytopic membrane proteins. <i>FASEB Journal</i> , 1998, 12, 1281-1299.	0.2	344
2	Taxonomic identification, phenanthrene uptake activity, and membrane lipid alterations of the PAH degrading <i>Arthrobacter</i> sp. strain Sphe3. <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 709-717.	1.7	99
3	Cysteine-Scanning Mutagenesis of Helix IV and the Adjoining Loops in the Lactose Permease of <i>Escherichia coli</i> : Glu126 and Arg144 Are Essential. <i>Biochemistry</i> , 1997, 36, 14284-14290.	1.2	93
4	Cloning and functional characterization of two bacterial members of the NAT/NCS2 family in <i>Escherichia coli</i> . <i>Molecular Membrane Biology</i> , 2005, 22, 251-261.	2.0	70
5	Comparative substrate recognition by bacterial and fungal purine transporters of the NAT/NCS2 family. <i>Molecular Membrane Biology</i> , 2005, 22, 263-275.	2.0	51
6	Ligand-induced conformational changes in the lactose permease of <i>Escherichia coli</i> : Evidence for two binding sites. <i>Protein Science</i> , 1994, 3, 2294-2301.	3.1	47
7	Functional Identification of the Hypoxanthine/Guanine Transporters YjcD and YgfQ and the Adenine Transporters PurP and YicO of <i>Escherichia coli</i> K-12. <i>Journal of Biological Chemistry</i> , 2013, 288, 36827-36840.	1.6	47
8	Substrate Selectivity of YgfU, a Uric Acid Transporter from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 15684-15695.	1.6	43
9	Hepatotoxic Seafood Poisoning (HSP) Due to Microcystins: A Threat from the Ocean?. <i>Marine Drugs</i> , 2013, 11, 2751-2768.	2.2	36
10	Chemical Rescue of Asp237Ala and Lys358Ala Mutants in the Lactose Permease of <i>Escherichia coli</i> . <i>Biochemistry</i> , 1996, 35, 13363-13367.	1.2	34
11	Changes in histamine and microbiological analyses in fresh and frozen tuna muscle during temperature abuse. <i>Food Additives and Contaminants</i> , 2007, 24, 820-832.	2.0	34
12	Binding of Ligand or Monoclonal Antibody 4B1 Induces Discrete Structural Changes in the Lactose Permease of <i>Escherichia coli</i> . <i>Biochemistry</i> , 1997, 36, 6408-6414.	1.2	33
13	Cysteine-scanning Analysis of the Nucleobase-Ascorbate Transporter Signature Motif in YgfO Permease of <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 39881-39890.	1.6	33
14	Insights to the evolution of Nucleobase-Ascorbate Transporters (NAT/NCS2 family) from the Cys-scanning analysis of xanthine permease XanQ. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012, 3, 250-72.	0.1	33
15	The role of helix VIII in the lactose permease of <i>Escherichia coli</i> : II. Site-directed sulfhydryl modification. <i>Protein Science</i> , 1997, 6, 438-443.	3.1	31
16	The role of helix VIII in the lactose permease of <i>Escherichia coli</i> : I. Cys-scanning mutagenesis. <i>Protein Science</i> , 1997, 6, 431-437.	3.1	28
17	Cysteine-scanning Analysis of Putative Helix XII in the YgfO Xanthine Permease. <i>Journal of Biological Chemistry</i> , 2008, 283, 13666-13678.	1.6	27
18	Differential expression of Fas system apoptotic molecules in peripheral lymphocytes from patients with Graves' disease and Hashimoto's thyroiditis. <i>European Journal of Endocrinology</i> , 2008, 158, 853-859.	1.9	26

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19	HLA-DR Expressing Peripheral T Regulatory Cells in Newly Diagnosed Patients with Different Forms of Autoimmune Thyroid Disease. <i>Thyroid</i> , 2008, 18, 1195-1200.	2.4	23
20	Role of Intramembrane Polar Residues in the YgfO Xanthine Permease. <i>Journal of Biological Chemistry</i> , 2009, 284, 24257-24268.	1.6	23
21	The role of transmembrane domain III in the lactose permease of <i>Escherichia coli</i> . <i>Protein Science</i> , 1994, 3, 2302-2310.	3.1	21
22	Purine Substrate Recognition by the Nucleobase-Ascorbate Transporter Signature Motif in the YgfO Xanthine Permease. <i>Journal of Biological Chemistry</i> , 2010, 285, 19422-19433.	1.6	21
23	The Role of Transmembrane Segment TM3 in the Xanthine Permease XanQ of <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 39595-39605.	1.6	21
24	Cysteine-scanning Analysis of Helices TM8, TM9a, and TM9b and Intervening Loops in the YgfO Xanthine Permease. <i>Journal of Biological Chemistry</i> , 2010, 285, 35011-35020.	1.6	18
25	Binding of monoclonal antibody 4B1 to homologs of the lactose permease of <i>Escherichia coli</i> . <i>Protein Science</i> , 1997, 6, 1503-1510.	3.1	16
26	Insight on specificity of uracil permeases of the NAT/NCS2 family from analysis of the transporter encoded in the pyrimidine utilization operon of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2018, 108, 204-219.	1.2	16
27	The recombinant subdomain IIIb of human serum albumin displays activity of gonadotrophin surge-attenuating factor. <i>Human Reproduction</i> , 2004, 19, 849-858.	0.4	15
28	Appearance of thymosin $\hat{\pm}1$ in supernatants of monocytes incubated with prothymosin $\hat{\pm}$. <i>Archives of Biochemistry and Biophysics</i> , 1992, 296, 256-263.	1.4	11
29	Antirestenotic Effects of a Novel Polymer-Coated D-24851 Eluting Stent. <i>Experimental Data in a Rabbit Iliac Artery Model. Cardiovascular and Interventional Radiology</i> , 2007, 30, 1192-1200.	0.9	10
30	Substrate Selectivity of the Melibiose Permease (MeY) from <i>Enterobacter cloacae</i> . <i>Journal of Molecular Biology</i> , 2008, 376, 681-693.	2.0	10
31	A <i>Zymomonas mobilis</i> Mutant with Delayed Growth on High Glucose Concentrations. <i>Journal of Bacteriology</i> , 1999, 181, 4598-4604.	1.0	10
32	Analysis of conserved NCS2 motifs in the <i>Escherichia coli</i> xanthine permease XanQ. <i>Molecular Microbiology</i> , 2015, 98, 502-517.	1.2	9
33	Heterologous expression of the mammalian sodium-nucleobase transporter rSNBT1 in <i>Leishmania tarentolae</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1546-1557.	1.4	7
34	The proline permease of <i>Aspergillus nidulans</i> : Functional replacement of the native cysteine residues and properties of a cysteine-less transporter. <i>Fungal Genetics and Biology</i> , 2007, 44, 615-626.	0.9	6
35	Gene Expression Profile Associated with Oncogenic Ras-induced Senescence, Cell Death, and Transforming Properties in Human Cells. <i>Cancer Investigation</i> , 2010, 28, 563-587.	0.6	6
36	Specificity profile of NAT/NCS2 purine transporters in <i>Sinorhizobium</i> (<i>Ensifer</i>) <i>meliloti</i> . <i>Molecular Microbiology</i> , 2020, 114, 151-171.	1.2	6

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37	Molecular and physiological characterization of the monosaccharide transporters gene family in <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 3110-3125.	2.4	5
38	Purification and partial characterization of the xanthine-uric acid transporter (UapA) of <i>Aspergillus nidulans</i> . <i>Protein Expression and Purification</i> , 2009, 63, 33-39.	0.6	4
39	ATG16L1 T300A polymorphism is associated with Crohn's disease in a Northwest Greek cohort, but ECM1 T130M and G290S polymorphisms are not associated with ulcerative colitis. <i>Annals of Gastroenterology</i> , 2019, 33, 38-44.	0.4	4
40	Identification of New Specificity Determinants in Bacterial Purine Nucleobase Transporters based on an Ancestral Sequence Reconstruction Approach. <i>Journal of Molecular Biology</i> , 2021, 433, 167329.	2.0	4
41	Using Cys-Scanning Analysis Data in the Study of Membrane Transport Proteins. , 0, , .		2