

Sotiris Amillis

List of Publications by Year in descending order

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1,507
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361045

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docs citations

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1937
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	3.8	417
2	Structure of eukaryotic purine/H ⁺ symporter UapA suggests a role for homodimerization in transport activity. <i>Nature Communications</i> , 2016, 7, 11336.	5.8	108
3	The AzgA Purine Transporter of <i>Aspergillus nidulans</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 3132-3141.	1.6	78
4	Transport-dependent endocytosis and turnover of a uric acid-xanthine permease. <i>Molecular Microbiology</i> , 2010, 75, 246-260.	1.2	76
5	Structural Lipids Enable the Formation of Functional Oligomers of the Eukaryotic Purine Symporter UapA. <i>Cell Chemical Biology</i> , 2018, 25, 840-848.e4.	2.5	64
6	The arrestin-like protein <scp>ArtA</scp> is essential for ubiquitination and endocytosis of the <scp>UapA</scp> transporter in response to both broad-range and specific signals. <i>Molecular Microbiology</i> , 2013, 88, 301-317.	1.2	60
7	Specific Interdomain Synergy in the UapA Transporter Determines Its Unique Specificity for Uric Acid among NAT Carriers. <i>Journal of Molecular Biology</i> , 2008, 382, 1121-1135.	2.0	55
8	<i>Aspergillus nidulans</i> CkiA is an essential casein kinase I required for delivery of amino acid transporters to the plasma membrane. <i>Molecular Microbiology</i> , 2012, 84, 530-549.	1.2	45
9	The AP-2 complex has a specialized clathrin-independent role in apical endocytosis and polar growth in fungi. <i>ELife</i> , 2017, 6, .	2.8	45
10	Transcription of purine transporter genes is activated during the isotropic growth phase of <i>Aspergillus nidulans</i> conidia. <i>Molecular Microbiology</i> , 2004, 52, 205-216.	1.2	42
11	A Novel-type Substrate-selectivity Filter and ER-exit Determinants in the UapA Purine Transporter. <i>Journal of Molecular Biology</i> , 2006, 357, 808-819.	2.0	41
12	Convergent evolution and orphan genes in the Fur4p-like family and characterization of a general nucleoside transporter in <i>Aspergillus nidulans</i>. <i>Molecular Microbiology</i> , 2009, 73, 43-57.	1.2	40
13	Modeling, Substrate Docking, and Mutational Analysis Identify Residues Essential for the Function and Specificity of a Eukaryotic Purine-Cytosine NCS1 Transporter. <i>Journal of Biological Chemistry</i> , 2012, 287, 36792-36803.	1.6	39
14	Substitution F569S converts UapA, a specific uric acid-xanthine transporter, into a broad specificity transporter for purine-related solutes. <i>Journal of Molecular Biology</i> , 2001, 313, 765-774.	2.0	38
15	UreA, the major urea/H ⁺ symporter in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 1023-1033.	0.9	36
16	Oligomerization of the UapA Purine Transporter Is Critical for ER-Exit, Plasma Membrane Localization and Turnover. <i>Journal of Molecular Biology</i> , 2015, 427, 2679-2696.	2.0	36
17	Regulation of expression and kinetic modeling of substrate interactions of a uracil transporter in <i>Aspergillus nidulans</i> . <i>Molecular Membrane Biology</i> , 2007, 24, 206-214.	2.0	32
18	Completing the purine utilisation pathway of <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 840-848.	0.9	29

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19	Mutational Analysis and Modeling Reveal Functionally Critical Residues in Transmembrane Segments 1 and 3 of the UapA Transporter. <i>Journal of Molecular Biology</i> , 2011, 411, 567-580.	2.0	25
20	Substrate Specificity of the FurE Transporter Is Determined by Cytoplasmic Terminal Domain Interactions. <i>Genetics</i> , 2017, 207, 1387-1400.	1.2	23
21	Expression and specificity profile of the major acetate transporter AcpA in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2015, 76, 93-103.	0.9	22
22	Cryptic purine transporters in <i>Aspergillus nidulans</i> reveal the role of specific residues in the evolution of specificity in the NCS1 family. <i>Molecular Microbiology</i> , 2017, 103, 319-332.	1.2	22
23	Characterization and kinetics of the major purine transporters in <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 459-472.	0.9	21
24	Characterization of AnNce102 and its role in eisosome stability and sphingolipid biosynthesis. <i>Scientific Reports</i> , 2015, 5, 15200.	1.6	21
25	Secretory Vesicle Polar Sorting, Endosome Recycling and Cytoskeleton Organization Require the AP-1 Complex in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2018, 209, 1121-1138.	1.2	21
26	Purine utilization proteins in the Eurotiales: Cellular compartmentalization, phylogenetic conservation and divergence. <i>Fungal Genetics and Biology</i> , 2014, 69, 96-108.	0.9	17
27	BsdA ^{Bsd2} -dependent vacuolar turnover of a misfolded version of the UapA transporter along the secretory pathway: prominent role of selective autophagy. <i>Molecular Microbiology</i> , 2016, 100, 893-911.	1.2	17
28	Translocation of nutrient transporters to cell membrane via Golgi bypass in <i>Aspergillus nidulans</i> . <i>EMBO Reports</i> , 2020, 21, e49929.	2.0	15
29	Modelling and mutational analysis of <i>Aspergillus nidulans</i> UreA, a member of the subfamily of urea/H ⁺ transporters in fungi and plants. <i>Open Biology</i> , 2014, 4, 140070.	1.5	13
30	The peroxisomal SspA protein is redundant for purine utilization but essential for peroxisome localization in septal pores in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2019, 132, 103259.	0.9	3
31	A pair of non-optimal codons are necessary for the correct biosynthesis of the <i>Aspergillus nidulans</i> urea transporter, UreA. <i>Royal Society Open Science</i> , 2019, 6, 190773.	1.1	3
32	Structural Aspects of UapA the H ⁺ -Xanthine/Uric Acid Transporter from <i>Aspergillus nidulans</i> . , 2018, , 1-7.		0