

Joanna S Kruszewska

List of Publications by Year in descending order

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32
papers

589
citations

623574

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23
g-index

33
all docs

33
docs citations

33
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genomes of Three Uneven Siblings: Footprints of the Lifestyles of Three <i>Trichoderma</i> Species. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 205-327.	2.9	194
2	Overexpression of the <i>Saccharomyces cerevisiae</i> Mannosylphosphodolichol Synthase-Encoding Gene in <i>Trichoderma reesei</i> Results in an Increased Level of Protein Secretion and Abnormal Cell Ultrastructure. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2382-2387.	1.4	41
3	Overexpression of the Gene Encoding GTP:Mannose-1-Phosphate Guanyltransferase, <i>mpg1</i> , Increases Cellular GDP-Mannose Levels and Protein Mannosylation in <i>Trichoderma reesei</i> . <i>Applied and Environmental Microbiology</i> , 2003, 69, 4383-4389.	1.4	29
4	Overexpression of GDP-mannose pyrophosphorylase in <i>Saccharomyces cerevisiae</i> corrects defects in dolichol-linked saccharide formation and protein glycosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1621, 22-30.	1.1	28
5	Diversity of Cell Wall Related Proteins in Human Pathogenic Fungi. <i>Journal of Fungi (Basel,)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.5	23
6	Glycoprotein Hypersecretion Alters the Cell Wall in <i>Trichoderma reesei</i> Strains Expressing the <i>Saccharomyces cerevisiae</i> Dolichylphosphate Mannose Synthase Gene. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7778-7784.	1.4	21
7	Dolichol phosphate mannose synthase from the pathogenic yeast <i>Candida albicans</i> is a multimeric enzyme. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2265-2275.	1.1	20
8	Identification of bacteria and fungi inhabiting fruiting bodies of Burgundy truffle (<i>Tuber aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	20
9	Regulatory mutations affecting sulfur metabolism induce environmental stress response in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 37-47.	0.9	19
10	cDNA encoding protein O-mannosyltransferase from the filamentous fungus <i>Trichoderma reesei</i> ; functional equivalence to <i>Saccharomyces cerevisiae</i> PMT2. <i>Current Genetics</i> , 2003, 43, 11-16.	0.8	17
11	Isolation of a <i>Trichoderma reesei</i> cDNA encoding GTP: a - d -mannose-1-phosphate guanyltransferase involved in early steps of protein glycosylation. <i>Current Genetics</i> , 1998, 33, 445-450.	0.8	16
12	Overexpression of the <i>Saccharomyces cerevisiae</i> RER2 gene in <i>Trichoderma reesei</i> affects dolichol dependent enzymes and protein glycosylation. <i>Fungal Genetics and Biology</i> , 2006, 43, 422-429.	0.9	16
13	Mannosyl-phospho-dolichol synthase from <i>Trichoderma reesei</i> is activated by protein kinase dependent phosphorylation in vitro. <i>FEMS Microbiology Letters</i> , 1991, 80, 81-86.	0.7	15
14	Influence of sorbitol on protein production and glycosylation and cell wall formation in <i>Trichoderma reesei</i> . <i>Fungal Biology</i> , 2010, 114, 855-862.	1.1	14
15	Protein production and secretion in an <i>Aspergillus nidulans</i> mutant impaired in glycosylation.. <i>Acta Biochimica Polonica</i> , 2005, 52, 195-206.	0.3	14
16	Metabolic Potential, Ecology and Presence of Associated Bacteria Is Reflected in Genomic Diversity of <i>Mucoromycotina</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 636986.	1.5	11
17	Disruption of <i>Trichoderma reesei</i> gene encoding protein O-mannosyltransferase I results in a decrease of the enzyme activity and alteration of cell wall composition.. <i>Acta Biochimica Polonica</i> , 2008, 55, 251-259.	0.3	10
18	Alterations in protein secretion caused by metabolic engineering of glycosylation pathways in fungi. <i>Acta Biochimica Polonica</i> , 2008, 55, 447-56.	0.3	10

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19	Protein glycosylation in pmt mutants of <i>Saccharomyces cerevisiae</i> . Influence of heterologously expressed cellobiohydrolase II of <i>Trichoderma reesei</i> and elevated levels of GDP-mannose and cis-prenyltransferase activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 774-780.	1.1	8
20	Integration of additional copies of <i>Trichoderma reesei</i> gene encoding protein O-mannosyltransferase I results in a decrease of the enzyme activity and alteration of cell wall composition. <i>Fungal Biology</i> , 2011, 115, 124-132.	1.1	8
21	Elevated Activity of Dolichyl Phosphate Mannose Synthase Enhances Biocontrol Abilities of <i>Trichoderma atroviride</i> . <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1522-1529.	1.4	8
22	Overexpression of <i>erg20</i> gene encoding farnesyl pyrophosphate synthase has contrasting effects on activity of enzymes of the dolichyl and sterol branches of mevalonate pathway in <i>Trichoderma reesei</i> . <i>Gene</i> , 2014, 544, 114-122.	1.0	8
23	Poly-Saturated Dolichols from Filamentous Fungi Modulate Activity of Dolichol-Dependent Glycosyltransferase and Physical Properties of Membranes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3043.	1.8	8
24	Internalization of the <i>Aspergillus nidulans</i> AstA Transporter into Mitochondria Depends on Growth Conditions, and Affects ATP Levels and Sulfite Oxidase Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7727.	1.8	7
25	Cloning and functional analysis of the <i>dpm2</i> and <i>dpm3</i> genes from <i>Trichoderma reesei</i> expressed in a <i>Saccharomyces cerevisiae</i> <i>dpm1^Δ</i> mutant strain. <i>Biological Chemistry</i> , 2011, 392, 517-27.	1.2	6
26	<i>Fusarium sambucinum</i> <i>astA</i> gene expressed during potato infection is a functional orthologue of <i>Aspergillus nidulans</i> <i>astA</i> . <i>Fungal Biology</i> , 2015, 119, 509-517.	1.1	4
27	The role of Alg13 N-acetylglucosaminyl transferase in the expression of pathogenic features of <i>Candida albicans</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 789-801.	1.1	4
28	Inhibition of Dephosphorylation of Dolichyl Diphosphate Alters the Synthesis of Dolichol and Hinders Protein N-Glycosylation and Morphological Transitions in <i>Candida albicans</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5067.	1.8	4
29	Increased activity of the sterol branch of the mevalonate pathway elevates glycosylation of secretory proteins and improves antifungal properties of <i>Trichoderma atroviride</i> . <i>Fungal Genetics and Biology</i> , 2020, 137, 103334.	0.9	4
30	Yil102c-A is a Functional Homologue of the DPMII Subunit of Dolichyl Phosphate Mannose Synthase in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 8938.	1.8	1
31	Synthesis of Dolichols in <i>Candida albicans</i> Is Co-Regulated with Elongation of Fatty Acids. <i>International Journal of Molecular Sciences</i> , 2022, 23, 409.	1.8	1
32	Impact of Yeast Glycosylation Pathway on Cell Integrity and Morphology. , 2012, , .		0