

Leo H De Graaff

List of Publications by Year in descending order

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51
papers

3,659
citations

147801

31
h-index

197818

49
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53
all docs

53
docs citations

53
times ranked

2657
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and function of <i>Aspergillus niger</i> laccase McoG. <i>Biocatalysis</i> , 2017, 3, 1-21.	2.3	18
2	Comparative proteomics of <i>Rhizopus delemar</i> ATCC 20344 unravels the role of amino acid catabolism in fumarate accumulation. <i>PeerJ</i> , 2017, 5, e3133.	2.0	14
3	Industrial potential of lipoxygenases. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 665-674.	9.0	23
4	Toolkit for Visualization of the Cellular Structure and Organelles in <i>Aspergillus niger</i> . <i>ACS Synthetic Biology</i> , 2014, 3, 995-998.	3.8	3
5	Pathway transfer in fungi. <i>Bioengineered</i> , 2014, 5, 335-339.	3.2	10
6	A novel class of fungal lipoxygenases. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1261-1270.	3.6	25
7	Expression of the <i>Aspergillus terreus</i> itaconic acid biosynthesis cluster in <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2014, 13, 11.	4.0	99
8	Overexpression of the <i>Aspergillus niger</i> GatA transporter leads to preferential use of D-galacturonic acid over D-xylose. <i>AMB Express</i> , 2014, 4, 66.	3.0	27
9	Heterologous expression of <i>Gaeumannomyces graminis</i> lipoxygenase in <i>Aspergillus nidulans</i> . <i>AMB Express</i> , 2014, 4, 65.	3.0	7
10	Overexpression of a modified 6-phosphofructo-1-kinase results in an increased itaconic acid productivity in <i>Aspergillus niger</i> . <i>AMB Express</i> , 2013, 3, 57.	3.0	17
11	Xylose Concentration-Dependent Hydrolase Expression Profiles and the Function of CreA and XlnR in <i>Aspergillus niger</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 3145-3155.	3.1	80
12	Evaluation of Design Strategies for Time Course Experiments in Genetic Networks: Case Study of the XlnR Regulon in <i>Aspergillus niger</i> . <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 1316-1325.	3.0	4
13	Biocatalytic potential of laccase-like multicopper oxidases from <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2012, 11, 165.	4.0	24
14	Metabolic engineering of <i>Rhizopus oryzae</i> for the production of platform chemicals. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 875-886.	3.6	90
15	Production of cyanophycin in <i>Rhizopus oryzae</i> through the expression of a cyanophycin synthetase encoding gene. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1167-1174.	3.6	13
16	Proteomic Analysis of the Secretory Response of <i>Aspergillus niger</i> to D-Maltose and D-Xylose. <i>PLoS ONE</i> , 2011, 6, e20865.	2.5	47
17	Dual transcriptional profiling of a bacterial/fungal confrontation: <i>Collimonas fungivorans</i> versus <i>Aspergillus niger</i> . <i>ISME Journal</i> , 2011, 5, 1494-1504.	9.8	105
18	Proteomics of industrial fungi: trends and insights for biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 225-237.	3.6	53

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19	The <i>Aspergillus niger</i> multicopper oxidase family: analysis and overexpression of laccase-like encoding genes. <i>Microbial Cell Factories</i> , 2011, 10, 78.	4.0	43
20	Modeling and analysis of the dynamic behavior of the XlnR regulon in <i>Aspergillus niger</i> . <i>BMC Systems Biology</i> , 2011, 5, S14.	3.0	11
21	Evaluation of design strategies for time course experiments in genetic networks. , 2011, , .		0
22	Shotgun Proteomics of <i>Aspergillus niger</i> Microsomes upon α -Xylose Induction. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4421-4429.	3.1	39
23	Identification of modules in <i>Aspergillus niger</i> by gene co-expression network analysis. <i>Fungal Genetics and Biology</i> , 2010, 47, 539-550.	2.1	15
24	Analysis of Variance Components Reveals the Contribution of Sample Processing to Transcript Variation. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2414-2422.	3.1	25
25	Regulation of transcription of cellulases- and hemicellulases-encoding genes in <i>Aspergillus niger</i> and <i>Hypocrea jecorina</i> (<i>Trichoderma reesei</i>). <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 211-220.	3.6	245
26	Efficient cloning system for construction of gene silencing vectors in <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 917-924.	3.6	22
27	CreA mediates repression of the regulatory gene <i>xlnR</i> which controls the production of xylanolytic enzymes in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 984-993.	2.1	102
28	(27) <i>A. niger</i> protein EstA, perhaps a new electrotactin, defines a new class of fungal esterases within the α -glucosidase fold superfamily. <i>Chemico-Biological Interactions</i> , 2005, 157-158, 395-396.	4.0	0
29	Functional analysis of the transcriptional activator XlnR from <i>Aspergillus niger</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 1367-1375.	1.8	93
30	<i>Aspergillus niger</i> Protein EstA Defines a New Class of Fungal Esterases within the α -glucosidase Fold Superfamily of Proteins. <i>Structure</i> , 2004, 12, 677-687.	3.3	29
31	Production of Bioavailable Flavonoid Glucosides in Fruit Juices and Green Tea by Use of Fungal α -l-Rhamnosidases. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6136-6142.	5.2	43
32	Construction of a Genetically Modified Wine Yeast Strain Expressing the <i>Aspergillus aculeatus</i> <i>rhaA</i> Gene, Encoding an α -l-Rhamnosidase of Enological Interest. <i>Applied and Environmental Microbiology</i> , 2003, 69, 7558-7562.	3.1	64
33	A Transcriptional Activator, AoXlnR, Controls the Expression of Genes Encoding Xylanolytic Enzymes in <i>Aspergillus oryzae</i> . <i>Fungal Genetics and Biology</i> , 2002, 35, 157-169.	2.1	90
34	EglC, a New Endoglucanase from <i>Aspergillus niger</i> with Major Activity towards Xyloglucan. <i>Applied and Environmental Microbiology</i> , 2002, 68, 1556-1560.	3.1	118
35	Purification and Characterization of Two Different α -l-Rhamnosidases, RhaA and RhaB, from <i>Aspergillus aculeatus</i> . <i>Applied and Environmental Microbiology</i> , 2001, 67, 2230-2234.	3.1	88
36	The <i>Aspergillus niger</i> transcriptional activator XlnR, which is involved in the degradation of the polysaccharides xylan and cellulose, also regulates d-xylose reductase gene expression. <i>Molecular Microbiology</i> , 2000, 36, 193-200.	2.5	157

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37	CreA modulates the XlnR-induced expression on xylose of <i>Aspergillus niger</i> genes involved in xylan degradation. <i>Research in Microbiology</i> , 1999, 150, 281-285.	2.1	178
38	Two Cellobiohydrolase-Encoding Genes from <i>Aspergillus niger</i> Require β -Xylose and the Xylanolytic Transcriptional Activator XlnR for Their Expression. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4340-4345.	3.1	183
39	Differential Expression of Three β -Galactosidase Genes and a Single β -Galactosidase Gene from <i>Aspergillus niger</i> . <i>Applied and Environmental Microbiology</i> , 1999, 65, 2453-2460.	3.1	97
40	Characterization of Galactosidases from <i>Aspergillus niger</i> : Purification of a Novel β -Galactosidase Activity. <i>Enzyme and Microbial Technology</i> , 1998, 22, 383-390.	3.2	85
41	Isolation and analysis of xlnR, encoding a transcriptional activator co-ordinating xylanolytic expression in <i>Aspergillus niger</i> . <i>Molecular Microbiology</i> , 1998, 27, 131-142.	2.5	304
42	The Transcriptional Activator XlnR Regulates Both Xylanolytic and Endoglucanase Gene Expression in <i>Aspergillus niger</i> . <i>Applied and Environmental Microbiology</i> , 1998, 64, 3615-3619.	3.1	326
43	Molecular Cloning and Transcriptional Regulation of the <i>Aspergillus nidulans</i> xlnD Gene Encoding a β -Xylosidase. <i>Applied and Environmental Microbiology</i> , 1998, 64, 1412-1419.	3.1	64
44	β -Xylosidase Activity, Encoded by xlnD, is Essential for Complete Hydrolysis of Xylan by <i>Aspergillus Niger</i> but not for Induction of the Xylanolytic Enzyme Spectrum. <i>FEBS Journal</i> , 1997, 245, 164-173.	0.2	106
45	Cloning and characterisation of genes (pkc1 and pkcA) encoding protein kinase C homologues from <i>Trichoderma reesei</i> and <i>Aspergillus niger</i> . <i>Molecular Genetics and Genomics</i> , 1996, 250, 17-28.	2.4	21
46	Cloning of the <i>Aspergillus niger</i> gene encoding β -l-arabinofuranosidase A. <i>Applied Microbiology and Biotechnology</i> , 1993, 39, 335-340.	3.6	58
47	Cloning and characterization of the abfB gene coding for the major β -l-arabinofuranosidase (ABF B) of <i>Aspergillus niger</i> . <i>Current Genetics</i> , 1993, 24, 525-532.	1.7	79
48	Induction of glucose oxidase, catalase, and lactonase in <i>Aspergillus niger</i> . <i>Current Genetics</i> , 1993, 24, 408-416.	1.7	65
49	Molecular cloning, expression and structure of the endo-1,5- β -l-arabinase gene of <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 1993, 40, 318-326.	3.6	56
50	The polygalacturonases of <i>Aspergillus niger</i> are encoded by a family of diverged genes. <i>FEBS Journal</i> , 1992, 208, 83-90.	0.2	118
51	Cloning of the <i>Trichoderma reesei</i> pyrG gene and its use as a homologous marker for a high-frequency transformation system. <i>Current Genetics</i> , 1990, 18, 447-451.	1.7	76