

Ian Reid

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,755
citations

471061

17
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

2031
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignin oxidation by laccase isozymes from <i>Trametes versicolor</i> and role of the mediator 2,2'-azinobis(3-ethylbenzthiazoline-6-sulfonate) in kraft lignin depolymerization. <i>Applied and Environmental Microbiology</i> , 1995, 61, 1876-1880.	1.4	491
2	Comparative genomic analysis of the thermophilic biomass-degrading fungi <i>Myceliophthora thermophila</i> and <i>Thielavia terrestris</i> . <i>Nature Biotechnology</i> , 2011, 29, 922-927.	9.4	428
3	Biological bleaching of kraft pulps by white-rot fungi and their enzymes. <i>FEMS Microbiology Reviews</i> , 1994, 13, 369-375.	3.9	114
4	Solid-state fermentations for biological delignification. <i>Enzyme and Microbial Technology</i> , 1989, 11, 786-803.	1.6	113
5	Kraft pulp bleaching and delignification by <i>Trametes versicolor</i> . <i>Journal of Biotechnology</i> , 1997, 53, 215-236.	1.9	113
6	Pectinase in papermaking: solving retention problems in mechanical pulps bleached with hydrogen peroxide. <i>Enzyme and Microbial Technology</i> , 2000, 26, 115-123.	1.6	91
7	Application of Transcriptomics to Compare the Carbohydrate Active Enzymes That Are Expressed by Diverse Genera of Anaerobic Fungi to Degrade Plant Cell Wall Carbohydrates. <i>Frontiers in Microbiology</i> , 2018, 9, 1581.	1.5	58
8	An Evolutionarily Conserved Transcriptional Activator-Repressor Module Controls Expression of Genes for D-Galacturonic Acid Utilization in <i>Aspergillus niger</i> . <i>Genetics</i> , 2017, 205, 169-183.	1.2	42
9	Optimization of solid-state fermentation for selective delignification of aspen wood with <i>Phlebia tremellosa</i> . <i>Enzyme and Microbial Technology</i> , 1989, 11, 804-809.	1.6	38
10	Purified pectinase lowers cationic demand in peroxide-bleached mechanical pulp. <i>Enzyme and Microbial Technology</i> , 2004, 34, 499-504.	1.6	37
11	Inducer-independent production of pectinases in <i>Aspergillus niger</i> by overexpression of the D-galacturonic acid-responsive transcription factor <i>gaaR</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2723-2736.	1.7	37
12	Effect of Residual Lignin Type and Amount on Bleaching of Kraft Pulp by <i>Trametes versicolor</i> . <i>Applied and Environmental Microbiology</i> , 1994, 60, 1395-1400.	1.4	35
13	Biological pulping in paper manufacture. <i>Trends in Biotechnology</i> , 1991, 9, 262-265.	4.9	31
14	SnowyOwl: accurate prediction of fungal genes by using RNA-Seq and homology information to select among ab initio models. <i>BMC Bioinformatics</i> , 2014, 15, 229.	1.2	30
15	Suitability of aspenwood biologically delignified with <i>Phlebia tremellosus</i> for fermentation to ethanol or butanediol. <i>Applied Microbiology and Biotechnology</i> , 1987, 26, 120-125.	1.7	29
16	Effect of polydimethylsiloxane oxygen carriers on the biological bleaching of hardwood kraft pulp by <i>Trametes versicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 1991, 35, 669.	1.7	24
17	Further study discounts role for singlet oxygen in fungal degradation of lignin model compounds. <i>Biochemical and Biophysical Research Communications</i> , 1983, 111, 200-204.	1.0	20
18	Intermediates and products of synthetic lignin (dehydrogenative polymerizate) degradation by <i>Phlebia tremellosa</i> . <i>Applied and Environmental Microbiology</i> , 1991, 57, 2834-2840.	1.4	8

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19	Determining molecular weight distributions of lignins and their biodegradation products by gel filtration on a high-performance acarose column with a mixed ethanol-aqueous alkali solvent. <i>Biotechnology Letters</i> , 1991, 5, 215-218.	0.5	5
20	Loss of function of the carbon catabolite repressor CreA leads to low but inducer-independent expression from the feruloyl esterase B promoter in <i>Aspergillus niger</i> . <i>Biotechnology Letters</i> , 2021, 43, 1323-1336.	1.1	4
21	Identification of Genes Involved in the Degradation of Lignocellulose Using Comparative Transcriptomics. <i>Methods in Molecular Biology</i> , 2017, 1588, 279-298.	0.4	3
22	Anthracenediethanol inhibits lignin degradation by <i>Phanerochaete chrysosporium</i> by competing for oxidation by lignin peroxidase, and not by trapping singlet oxygen. <i>Biodegradation</i> , 1991, 2, 61-69.	1.5	2
23	A Biochemical Genomics Screen for Substrates of Ste20p Kinase Enables the In Silico Prediction of Novel Substrates. <i>PLoS ONE</i> , 2009, 4, e8279.	1.1	2
24	Evaluating Programs for Predicting Genes and Transcripts with RNA-Seq Support in Fungal Genomes. <i>Methods in Molecular Biology</i> , 2018, 1775, 209-227.	0.4	0