

Erzsébet Fekete

List of Publications by Year in descending order

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39
papers

1,494
citations

516710

16
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315739

38
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all docs

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docs citations

39
times ranked

1666
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.	8.8	417
2	The CRE1 carbon catabolite repressor of the fungus <i>Trichoderma reesei</i> : a master regulator of carbon assimilation. <i>BMC Genomics</i> , 2011, 12, 269.	2.8	180
3	The VELVET A Orthologue VEL1 of <i>Trichoderma reesei</i> Regulates Fungal Development and Is Essential for Cellulase Gene Expression. <i>PLoS ONE</i> , 2014, 9, e112799.	2.5	109
4	The 2008 update of the <i>Aspergillus nidulans</i> genome annotation: A community effort. <i>Fungal Genetics and Biology</i> , 2009, 46, S2-S13.	2.1	99
5	Biodiversity and evolution of primary carbon metabolism in <i>Aspergillus nidulans</i> and other <i>Aspergillus</i> spp.. <i>Fungal Genetics and Biology</i> , 2009, 46, S19-S44.	2.1	93
6	A deficiency of manganese ions in the presence of high sugar concentrations is the critical parameter for achieving high yields of itaconic acid by <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7937-7944.	3.6	68
7	d-Galactose induces cellulase gene expression in <i>Hypocrea jecorina</i> at low growth rates. <i>Microbiology (United Kingdom)</i> , 2006, 152, 1507-1514.	1.8	61
8	The alternative d-galactose degrading pathway of <i>Aspergillus nidulans</i> proceeds via l-sorbose. <i>Archives of Microbiology</i> , 2004, 181, 35-44.	2.2	54
9	Sexual Recombination in the <i>Botrytis cinerea</i> Populations in Hungarian Vineyards. <i>Phytopathology</i> , 2008, 98, 1312-1319.	2.2	36
10	Identification of a permease gene involved in lactose utilisation in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 415-425.	2.1	36
11	CreA-mediated carbon catabolite repression of β -galactosidase formation in <i>Aspergillus nidulans</i> is growth rate dependent. <i>FEMS Microbiology Letters</i> , 2004, 235, 147-151.	1.8	32
12	Regulation of formation of the intracellular β -galactosidase activity of <i>Aspergillus nidulans</i> . <i>Archives of Microbiology</i> , 2002, 179, 7-14.	2.2	31
13	Comparison of <i>Botrytis cinerea</i> populations isolated from two open-field cultivated host plants. <i>Microbiological Research</i> , 2013, 168, 379-388.	5.3	27
14	Characterization of a second physiologically relevant lactose permease gene (<i>lacpB</i>) in <i>Aspergillus nidulans</i> . <i>Microbiology (United Kingdom)</i> , 2016, 162, 837-847.	1.8	23
15	CreA-mediated carbon catabolite repression of β -galactosidase formation in <i>Aspergillus nidulans</i> is growth rate dependent. <i>FEMS Microbiology Letters</i> , 2004, 235, 147-151.	1.8	21
16	High oxygen tension increases itaconic acid accumulation, glucose consumption, and the expression and activity of alternative oxidase in <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8799-8808.	3.6	18
17	The Role of Metal Ions in Fungal Organic Acid Accumulation. <i>Microorganisms</i> , 2021, 9, 1267.	3.6	17
18	d-Galactose uptake is nonfunctional in the conidiospores of <i>Aspergillus niger</i> . <i>FEMS Microbiology Letters</i> , 2012, 329, 198-203.	1.8	16

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19	Spliceosome twin introns in fungal nuclear transcripts. <i>Fungal Genetics and Biology</i> , 2013, 57, 48-57.	2.1	16
20	Growth-Phase Sterigmatocystin Formation on Lactose Is Mediated via Low Specific Growth Rates in <i>Aspergillus nidulans</i> . <i>Toxins</i> , 2016, 8, 354.	3.4	15
21	A mechanism for a single nucleotide intron shift. <i>Nucleic Acids Research</i> , 2017, 45, 9085-9092.	14.5	12
22	Analysis of the Relationship between Alternative Respiration and Sterigmatocystin Formation in <i>Aspergillus nidulans</i> . <i>Toxins</i> , 2018, 10, 168.	3.4	12
23	Manganese Deficiency Is Required for High Itaconic Acid Production From D-Xylose in <i>Aspergillus terreus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1589.	3.5	11
24	The effects of external Mn ²⁺ concentration on hyphal morphology and citric acid production are mediated primarily by the NRAMP-family transporter DmtA in <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2020, 19, 17.	4.0	11
25	Extra- and intracellular lactose catabolism in <i>Penicillium chrysogenum</i> : phylogenetic and expression analysis of the putative permease and hydrolase genes. <i>Journal of Antibiotics</i> , 2014, 67, 489-497.	2.0	9
26	The Biocontrol Potential of Endophytic <i>Trichoderma</i> Fungi Isolated from Hungarian Grapevines. Part I. Isolation, Identification and In Vitro Studies. <i>Pathogens</i> , 2021, 10, 1612.	2.8	9
27	Identification of a mutarotase gene involved in D-galactose utilization in <i>Aspergillus nidulans</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	8
28	Metabolism of d-galactose is dispensable for the induction of the <i>beta</i> -galactosidase (<i>bgaD</i>) and lactose permease (<i>lacpA</i>) genes in <i>Aspergillus nidulans</i> . <i>FEMS Microbiology Letters</i> , 2014, 359, 19-25.	1.8	7
29	Carbon-Source Dependent Interplay of Copper and Manganese Ions Modulates the Morphology and Itaconic Acid Production in <i>Aspergillus terreus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 680420.	3.5	7
30	Alternatively spliced, spliceosomal twin introns in <i>Helminthosporium solani</i> . <i>Fungal Genetics and Biology</i> , 2015, 85, 7-13.	2.1	6
31	Emergence and loss of spliceosomal twin introns. <i>Fungal Biology and Biotechnology</i> , 2017, 4, 7.	5.1	6
32	l-Arabinose induces d-galactose catabolism via the Leloir pathway in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2019, 123, 53-59.	2.1	6
33	High cell density cultivation of the chemolithoautotrophic bacterium <i>Nitrosomonas europaea</i> . <i>Folia Microbiologica</i> , 2016, 61, 191-198.	2.3	5
34	A spliceosomal twin intron (stwintron) participates in both exon skipping and evolutionary exon loss. <i>Scientific Reports</i> , 2019, 9, 9940.	3.3	4
35	GalR, GalX and AraR co-regulate d-galactose and l-arabinose utilization in <i>Aspergillus nidulans</i> . <i>Microbial Biotechnology</i> , 2022, 15, 1839-1851.	4.2	4
36	Complex intron generation in the yeast genus <i>Lipomyces</i> . <i>Scientific Reports</i> , 2020, 10, 6022.	3.3	3

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37	Internally Symmetrical Stwintrons and Related Canonical Introns in Hypoxylaceae Species. Journal of Fungi (Basel, Switzerland), 2021, 7, 710.	3.5	3
38	D-galactose catabolism in <i>Penicillium chrysogenum</i> : Expression analysis of the structural genes of the Leloir pathway. Acta Biologica Hungarica, 2016, 67, 318-332.	0.7	2
39	Unique and Repeated Stwintrons (Spliceosomal Twin Introns) in the Hypoxylaceae. Journal of Fungi (Basel, Switzerland), 2022, 8, 397.	3.5	0