Isabelle Benoit-Gelber

List of Publications by Year
in descending order

18 papers	3,185 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	4856 citing authors

#	Article	IF	Citations
1	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. Science, 2012, 336, 1715-1719.	12.6	1,424
2	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	3.5	902
3	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. Current Biology, 2016, 26, 1577-1584.	3.9	175
4	Feruloyl esterases as a tool for the release of phenolic compounds from agro-industrial by-products. Carbohydrate Research, 2006, 341, 1820-1827.	2.3	141
5	<scp>B</scp>acillus subtilis attachment to <scp>A</scp>spergillus niger hyphae results in mutually altered metabolism. Environmental Microbiology, 2015, 17, 2099-2113.	3.8	112
6	Aromatic Metabolism of Filamentous Fungi in Relation to the Presence of Aromatic Compounds in Plant Biomass. Advances in Applied Microbiology, 2015, 91, 63-137.	2.4	97
7	Nutritional physiology of a rock-inhabiting, model microcolonial fungus from an ancestral lineage of the Chaetothyriales (Ascomycetes). Fungal Genetics and Biology, 2013, 56, 54-66.	2.1	62
8	Respective importance of protein folding and glycosylation in the thermal stability of recombinant feruloyl esterase A. FEBS Letters, 2006, 580, 5815-5821.	2.8	54
9	Regulation of Plant Biomass Utilization in Aspergillus. Advances in Applied Microbiology, 2014, 88, 31-56.	2.4	48
10	Sugar Catabolism in Aspergillus and Other Fungi Related to the Utilization of Plant Biomass. Advances in Applied Microbiology, 2015, 90, 1-28.	2.4	46
11	Homologous expression of the feruloyl esterase B gene from Aspergillus niger and characterization of the recombinant enzyme. Protein Expression and Purification, 2004, 37, 126-133.	1.3	41
12	Gene Overexpression and Biochemical Characterization of the Biotechnologically Relevant Chlorogenic Acid Hydrolase fromAspergillus niger. Applied and Environmental Microbiology, 2007, 73, 5624-5632.	3.1	32
13	Expression in Escherichia coli, refolding and crystallization of Aspergillus niger feruloyl esterase A using a serial factorial approach. Protein Expression and Purification, 2007, 55, 166-174.	1.3	22
14	Post-genomic approaches to understanding interactions between fungi and their environment. IMA Fungus, 2011, 2, 81-86.	3.8	11
15	Identification of a Novel Biosynthetic Gene Cluster in Aspergillus niger Using Comparative Genomics. Journal of Fungi (Basel, Switzerland), 2021, 7, 374.	3.5	8
16	Improved Hemicellulase Production by Genetic Modification of Carbon Catabolite Repression and Xylanolitic Activation in Aspergillus niger. Current Biotechnology, 2018, 7, 10-18.	0.4	7
17	Community dynamics of Neocallimastigomycetes in the rumen of yak feeding on wheat straw revealed by different primer sets. Fungal Ecology, 2019, 41, 34-44.	1.6	2
18	Evolutionary Adaptation to Generate Mutants. Methods in Molecular Biology, 2018, 1775, 133-137.	0.9	1