

# Isabelle Benoit-Gelber

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

3,185  
citations

777949

13  
h-index

939365

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

5368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Novel Biosynthetic Gene Cluster in <i>Aspergillus niger</i> Using Comparative Genomics. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 374.	1.5	8
2	Community dynamics of Neocallimastigomycetes in the rumen of yak feeding on wheat straw revealed by different primer sets. <i>Fungal Ecology</i> , 2019, 41, 34-44.	0.7	2
3	Improved Hemicellulase Production by Genetic Modification of Carbon Catabolite Repression and Xylanolytic Activation in <i>Aspergillus niger</i> . <i>Current Biotechnology</i> , 2018, 7, 10-18.	0.2	7
4	Evolutionary Adaptation to Generate Mutants. <i>Methods in Molecular Biology</i> , 2018, 1775, 133-137.	0.4	1
5	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. <i>Current Biology</i> , 2016, 26, 1577-1584.	1.8	175
6	Aromatic Metabolism of Filamentous Fungi in Relation to the Presence of Aromatic Compounds in Plant Biomass. <i>Advances in Applied Microbiology</i> , 2015, 91, 63-137.	1.3	97
7	Sugar Catabolism in <i>Aspergillus</i> and Other Fungi Related to the Utilization of Plant Biomass. <i>Advances in Applied Microbiology</i> , 2015, 90, 1-28.	1.3	46
8	<sc><i>B</i></sc><i>acillus subtilis</i> attachment to <sc><i>A</i></sc><i>aspergillus niger</i> hyphae results in mutually altered metabolism. <i>Environmental Microbiology</i> , 2015, 17, 2099-2113.	1.8	112
9	Regulation of Plant Biomass Utilization in <i>Aspergillus</i> . <i>Advances in Applied Microbiology</i> , 2014, 88, 31-56.	1.3	48
10	Nutritional physiology of a rock-inhabiting, model microcolonial fungus from an ancestral lineage of the Chaetothyriales (Ascomycetes). <i>Fungal Genetics and Biology</i> , 2013, 56, 54-66.	0.9	62
11	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. <i>Science</i> , 2012, 336, 1715-1719.	6.0	1,424
12	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . <i>PLoS Genetics</i> , 2011, 7, e1002230.	1.5	902
13	Post-genomic approaches to understanding interactions between fungi and their environment. <i>IMA Fungus</i> , 2011, 2, 81-86.	1.7	11
14	Gene Overexpression and Biochemical Characterization of the Biotechnologically Relevant Chlorogenic Acid Hydrolase from <i>Aspergillus niger</i>. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5624-5632.	1.4	32
15	Expression in <i>Escherichia coli</i> , refolding and crystallization of <i>Aspergillus niger</i> feruloyl esterase A using a serial factorial approach. <i>Protein Expression and Purification</i> , 2007, 55, 166-174.	0.6	22
16	Respective importance of protein folding and glycosylation in the thermal stability of recombinant feruloyl esterase A. <i>FEBS Letters</i> , 2006, 580, 5815-5821.	1.3	54
17	Feruloyl esterases as a tool for the release of phenolic compounds from agro-industrial by-products. <i>Carbohydrate Research</i> , 2006, 341, 1820-1827.	1.1	141
18	Homologous expression of the feruloyl esterase B gene from <i>Aspergillus niger</i> and characterization of the recombinant enzyme. <i>Protein Expression and Purification</i> , 2004, 37, 126-133.	0.6	41