Benjamin M Nitsche

List of Publications by Year
in descending order

20	638	566801 15	794141 19
papers	citations	h-index	g-index

20	20	20	789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The carbon starvation response of Aspergillus niger during submerged cultivation: Insights from the transcriptome and secretome. BMC Genomics, 2012, 13, 380.	1.2	108
2	Transcriptomic Insights into the Physiology of Aspergillus niger Approaching a Specific Growth Rate of Zero. Applied and Environmental Microbiology, 2010, 76, 5344-5355.	1.4	52
3	Deletion of flbA Results in Increased Secretome Complexity and Reduced Secretion Heterogeneity in Colonies of Aspergillus niger. Journal of Proteome Research, 2013, 12, 1808-1819.	1.8	49
4	Genome-wide expression analysis upon constitutive activation of the HacA bZIP transcription factor in Aspergillus niger reveals a coordinated cellular response to counteract ER stress. BMC Genomics, 2012, 13, 350.	1.2	46
5	The transcriptomic fingerprint of glucoamylase over-expression in Aspergillus niger. BMC Genomics, 2012, 13, 701.	1.2	46
6	Reconstruction of Signaling Networks Regulating Fungal Morphogenesis by Transcriptomics. Eukaryotic Cell, 2009, 8, 1677-1691.	3.4	42
7	Autophagy promotes survival in aging submerged cultures of the filamentous fungus Aspergillus niger. Applied Microbiology and Biotechnology, 2013, 97, 8205-8218.	1.7	42
8	The Cell Factory Aspergillus Enters the Big Data Era: Opportunities and Challenges for Optimising Product Formation. Advances in Biochemical Engineering/Biotechnology, 2015, 149, 91-132.	0.6	41
9	A Transcriptome Meta-Analysis Proposes Novel Biological Roles for the Antifungal Protein AnAFP in Aspergillus niger. PLoS ONE, 2016, 11, e0165755.	1.1	39
10	New resources for functional analysis of omics data for the genus Aspergillus. BMC Genomics, 2011, 12, 486.	1.2	28
11	Transcriptomic and molecular genetic analysis of the cell wall salvage response ofAspergillus nigerto the absence of galactofuranose synthesis. Cellular Microbiology, 2016, 18, 1268-1284.	1.1	27
12	Systems Approaches to Predict the Functions of Glycoside Hydrolases during the Life Cycle of Aspergillus niger Using Developmental Mutants â^†brlA and â^†flbA. PLoS ONE, 2015, 10, e0116269.	1.1	22
13	The low affinity glucose transporter HxtB is also involved in glucose signalling and metabolism in Aspergillus nidulans. Scientific Reports, 2017, 7, 45073.	1.6	20
14	The Transcriptional Repressor TupA in Aspergillus niger Is Involved in Controlling Gene Expression Related to Cell Wall Biosynthesis, Development, and Nitrogen Source Availability. PLoS ONE, 2013, 8, e78102.	1.1	19
15	Chitinases CtcB and CfcI modify the cell wall in sporulating aerial mycelium of Aspergillus niger. Microbiology (United Kingdom), 2013, 159, 1853-1867.	0.7	17
16	The capacity of Aspergillus niger to sense and respond to cell wall stress requires at least three transcription factors: RlmA, MsnA and CrzA. Fungal Biology and Biotechnology, 2014, 1, 5.	2.5	15
17	Subpopulations of hyphae secrete proteins or resist heat stress in Aspergillus oryzae colonies. Environmental Microbiology, 2020, 22, 447-455.	1.8	13
18	The Use of Open Source Bioinformatics Tools to Dissect Transcriptomic Data. Methods in Molecular Biology, 2012, 835, 311-331.	0.4	9

#	Article	IF	Citations
19	9 Transcriptomics of Industrial Filamentous Fungi: A New View on Regulation, Physiology, and Application. , 2014, , 209-232.		2
20	An inducible tool for random mutagenesis in Aspergillus niger based on the transposon Vader. Applied Microbiology and Biotechnology, 2016, 100, 6309-6317.	1.7	1