

Kenneth S Bruno

List of Publications by Year in descending order

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27
papers

2,979
citations

304743

22
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome, transcriptome, and secretome analysis of wood decay fungus <i>Postia placenta</i> supports unique mechanisms of lignocellulose conversion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1954-1959.	7.1	530
2	A versatile toolkit for high throughput functional genomics with <i>Trichoderma reesei</i> . Biotechnology for Biofuels, 2012, 5, 1.	6.2	434
3	Cytoplasmic dynein and actin-related protein Arp1 are required for normal nuclear distribution in filamentous fungi. Journal of Cell Biology, 1994, 127, 139-149.	5.2	301
4	Cellular Localization and Role of Kinase Activity of PMK1 in <i>Magnaporthe grisea</i> . Eukaryotic Cell, 2004, 3, 1525-1532.	3.4	280
5	Independent genetic mechanisms mediate turgor generation and penetration peg formation during plant infection in the rice blast fungus. Molecular Microbiology, 2004, 53, 1695-1707.	2.5	146
6	Loss of growth polarity and mislocalization of septa in a <i>Neurospora</i> mutant altered in the regulatory subunit of cAMP-dependent protein kinase. EMBO Journal, 1996, 15, 5772-5782.	7.8	121
7	p150Glued, the largest subunit of the dynactin complex, is nonessential in <i>Neurospora</i> but required for nuclear distribution. Molecular Biology of the Cell, 1996, 7, 731-742.	2.1	101
8	New Insight into the Ochratoxin A Biosynthetic Pathway through Deletion of a Nonribosomal Peptide Synthetase Gene in <i>Aspergillus carbonarius</i> . Applied and Environmental Microbiology, 2012, 78, 8208-8218.	3.1	99
9	Characterization of a polyketide synthase in <i>Aspergillus niger</i> whose product is a precursor for both dihydroxynaphthalene (DHN) melanin and naphtho- β -pyrone. Fungal Genetics and Biology, 2011, 48, 430-437.	2.1	91
10	<i>Neurospora crassa</i> ro-10 and ro-11 genes encode novel proteins required for nuclear distribution. Molecular Microbiology, 1999, 32, 1065-1076.	2.5	89
11	Two PAK Kinase Genes, CHM1 and MST20, Have Distinct Functions in <i>Magnaporthe grisea</i> . Molecular Plant-Microbe Interactions, 2004, 17, 547-556.	2.6	89
12	Biosynthetic Pathway for the Epipolythiodioxopiperazine Acetylaranotin in <i>Aspergillus terreus</i> Revealed by Genome-Based Deletion Analysis. Journal of the American Chemical Society, 2013, 135, 7205-7213.	13.7	82
13	Molecular Genetic Characterization of a Cluster in <i>A. terreus</i> for Biosynthesis of the Meroterpenoid Terretonin. Organic Letters, 2012, 14, 5684-5687.	4.6	80
14	Genetic interactions among cytoplasmic dynein, dynactin, and nuclear distribution mutants of <i>Neurospora crassa</i> . Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4775-4780.	7.1	79
15	Increased production of fatty acids and triglycerides in <i>Aspergillus oryzae</i> by enhancing expressions of fatty acid synthesis-related genes. Applied Microbiology and Biotechnology, 2013, 97, 269-281.	3.6	67
16	Identification and characterization of the polyketide synthase involved in ochratoxin A biosynthesis in <i>Aspergillus carbonarius</i> . International Journal of Food Microbiology, 2014, 179, 10-17.	4.7	64
17	SEPH, a Cdc7p orthologue from <i>Aspergillus nidulans</i> , functions upstream of actin ring formation during cytokinesis. Molecular Microbiology, 2008, 42, 3-12.	2.5	62
18	Molecular genetic analysis reveals that a nonribosomal peptide synthetase-like (NRPS-like) gene in <i>Aspergillus nidulans</i> is responsible for microperforanone biosynthesis. Applied Microbiology and Biotechnology, 2012, 96, 739-748.	3.6	49

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19	Application of an Efficient Gene Targeting System Linking Secondary Metabolites to their Biosynthetic Genes in <i>Aspergillus terreus</i> . <i>Organic Letters</i> , 2013, 15, 3562-3565.	4.6	48
20	Molecular Genetic Characterization of Terreic Acid Pathway in <i>Aspergillus terreus</i> . <i>Organic Letters</i> , 2014, 16, 5250-5253.	4.6	34
21	Spatial regulation of a common precursor from two distinct genes generates metabolite diversity. <i>Chemical Science</i> , 2015, 6, 5913-5921.	7.4	31
22	Engineering Fungal Nonreducing Polyketide Synthase by Heterologous Expression and Domain Swapping. <i>Organic Letters</i> , 2013, 15, 756-759.	4.6	29
23	<i>Agrobacterium tumefaciens</i> -mediated transformation of oleaginous yeast <i>Lipomyces</i> species. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6099-6110.	3.6	22
24	Alkane biosynthesis by <i>Aspergillus carbonarius</i> ITEM 5010 through heterologous expression of <i>Synechococcus elongatus</i> acyl-ACP/CoA reductase and aldehyde deformylating oxygenase genes. <i>AMB Express</i> , 2017, 7, 18.	3.0	19
25	Identifying and characterizing the most significant β -glucosidase of the novel species <i>Aspergillus saccharolyticus</i> . <i>Canadian Journal of Microbiology</i> , 2012, 58, 1035-1046.	1.7	18
26	Increased production of free fatty acids in <i>Aspergillus oryzae</i> by disruption of a predicted acyl-CoA synthetase gene. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3103-3113.	3.6	13
27	Disruption and overexpression of 6-phosphofructo-2-kinase influence organic acid production in <i>Aspergillus carbonarius</i> ITEM 5010. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 98.	3.6	1