

Edyta Szewczyk

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,282
citations

471061

17
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

2801
citing authors

#	ARTICLE	IF	CITATIONS
1	Fusion PCR and gene targeting in <i>Aspergillus nidulans</i> . <i>Nature Protocols</i> , 2006, 1, 3111-3120.	5.5	701
2	A Versatile and Efficient Gene-Targeting System for <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2006, 172, 1557-1566.	1.2	559
3	Chromatin-level regulation of biosynthetic gene clusters. <i>Nature Chemical Biology</i> , 2009, 5, 462-464.	3.9	358
4	A Gene Cluster Containing Two Fungal Polyketide Synthases Encodes the Biosynthetic Pathway for a Polyketide, Asperfuranone, in <i>Aspergillus nidulans</i> . <i>Journal of the American Chemical Society</i> , 2009, 131, 2965-2970.	6.6	292
5	Two Separate Gene Clusters Encode the Biosynthetic Pathway for the Meroterpenoids Austinol and Dehydroaustinol in <i>Aspergillus nidulans</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 4709-4720.	6.6	223
6	Molecular Genetic Mining of the <i>Aspergillus</i> Secondary Metabolome: Discovery of the Emericellamide Biosynthetic Pathway. <i>Chemistry and Biology</i> , 2008, 15, 527-532.	6.2	193
7	Characterization of the <i>Aspergillus nidulans</i> Monodictyphenone Gene Cluster. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2067-2074.	1.4	159
8	Identification and Characterization of the Asperthecin Gene Cluster of <i>Aspergillus nidulans</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 7607-7612.	1.4	149
9	Validation of a Self-Excising Marker in the Human Pathogen <i>Aspergillus fumigatus</i> by Employing the λ -Rec/ Site-Specific Recombination System. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6313-6317.	1.4	122
10	Molecular genetic analysis of the orsellinic acid/F9775 genecluster of <i>Aspergillus nidulans</i> . <i>Molecular BioSystems</i> , 2010, 6, 587-593.	2.9	118
11	Deciphering the role of the chitin synthase families 1 and 2 in the <i>in vivo</i> and <i>in vitro</i> growth of <i>Aspergillus fumigatus</i> by multiple gene targeting deletion. <i>Cellular Microbiology</i> , 2014, 16, 1784-1805.	1.1	90
12	Conserved Regulators of Mating Are Essential for <i>Aspergillus fumigatus</i> Cleistothecium Formation. <i>Eukaryotic Cell</i> , 2010, 9, 774-783.	3.4	72
13	A Single Gene Produces Mitochondrial, Cytoplasmic, and Peroxisomal NADP-dependent Isocitrate Dehydrogenase in <i>Aspergillus nidulans</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 37722-37729.	1.6	41
14	Transcriptional Control of Gluconeogenesis in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2007, 176, 139-150.	1.2	37
15	Engineering <i>Neurospora crassa</i> for Improved Cellobiose and Cellobionate Production. <i>Applied and Environmental Microbiology</i> , 2015, 81, 597-603.	1.4	35
16	Telomere position effect is regulated by heterochromatin-associated proteins and NkuA in <i>Aspergillus nidulans</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 3522-3531.	0.7	29
17	Filamentous fungi for future functional food and feed. <i>Current Opinion in Biotechnology</i> , 2022, 76, 102729.	3.3	28
18	Mating-type factor-specific regulation of the fumagillin/pseurotin secondary metabolite supercluster in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2018, 110, 1045-1065.	1.2	15

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19	Efficient sequential repetitive gene deletions in <i>Neurospora crassa</i> employing a self-excising $\hat{\lambda}^2$ -recombinase/six cassette. <i>Journal of Microbiological Methods</i> , 2013, 92, 236-243.	0.7	11
20	Microtubule dynamics in mitosis in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 998-999.	0.9	9
21	Characterization of two cellobiose dehydrogenases and comparison of their contributions to total activity in <i>Neurospora crassa</i> . <i>International Biodeterioration and Biodegradation</i> , 2013, 82, 24-32.	1.9	9
22	Crowdsourced analysis of fungal growth and branching on microfluidic platforms. <i>PLoS ONE</i> , 2021, 16, e0257823.	1.1	9
23	KAEA (SUDPRO), a member of the ubiquitous KEOPS/EKC protein complex, regulates the arginine catabolic pathway and the expression of several other genes in <i>Aspergillus nidulans</i> . <i>Gene</i> , 2015, 573, 310-320.	1.0	8
24	SUMOlOCK reveals a more complete <i>Aspergillus nidulans</i> SUMOylome. <i>Fungal Genetics and Biology</i> , 2019, 127, 50-59.	0.9	8
25	A new variant of self-excising $\hat{\lambda}^2$ -recombinase/six cassette for repetitive gene deletion and homokaryon purification in <i>Neurospora crassa</i> . <i>Journal of Microbiological Methods</i> , 2014, 100, 17-23.	0.7	7