

Nada KraĀjevec

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

987
citations

840119

11
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	3.8	417
2	Growing a circular economy with fungal biotechnology: a white paper. <i>Fungal Biology and Biotechnology</i> , 2020, 7, 5.	2.5	228
3	CYP53A15 of <i>Cochliobolus lunatus</i> , a Target for Natural Antifungal Compounds. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3480-3486.	2.9	68
4	Cytochrome P450 Monooxygenase CYP53 Family in Fungi: Comparative Structural and Evolutionary Analysis and Its Role as a Common Alternative Anti-Fungal Drug Target. <i>PLoS ONE</i> , 2014, 9, e107209.	1.1	59
5	Distribution of MACPF/CDC Proteins. <i>Sub-Cellular Biochemistry</i> , 2014, 80, 7-30.	1.0	38
6	Fungal aegerolysin-like proteins: distribution, activities, and applications. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 601-610.	1.7	26
7	Aegerolysins: Lipid-binding proteins with versatile functions. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 142-151.	2.3	24
8	Antioxidative response patterns of Norway spruce bark to low-density <i>Ceratocystis polonica</i> inoculation. <i>Trees - Structure and Function</i> , 2014, 28, 1145-1160.	0.9	19
9	Benzoic acid derivatives with improved antifungal activity: Design, synthesis, structure-activity relationship (SAR) and CYP53 docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4264-4276.	1.4	17
10	Genome-wide identification, annotation and characterization of novel thermostable cytochrome P450 monooxygenases from the thermophilic biomass-degrading fungi <i>Thielavia terrestris</i> and <i>Myceliophthora thermophila</i> . <i>Genes and Genomics</i> , 2014, 36, 321-333.	0.5	15
11	Low-density <i>Ceratocystis polonica</i> inoculation of Norway spruce (<i>Picea abies</i>) triggers accumulation of monoterpenes with antifungal properties. <i>European Journal of Forest Research</i> , 2014, 133, 573-583.	1.1	15
12	Phylogenetic Studies, Gene Cluster Analysis, and Enzymatic Reaction Support Anthrahydroquinone Reduction as the Physiological Function of Fungal 17 β -Hydroxysteroid Dehydrogenase. <i>ChemBioChem</i> , 2017, 18, 77-80.	1.3	13
13	Functional studies of aegerolysin and MACPF-like proteins in <i>Aspergillus niger</i> . <i>Molecular Microbiology</i> , 2019, 112, 1253-1269.	1.2	10
14	Targeted Lipid Analysis of Haemolytic Mycelial Extracts of <i>Aspergillus niger</i> . <i>Molecules</i> , 2014, 19, 9051-9069.	1.7	8
15	Expression of human lymphotoxin β in <i>Aspergillus niger</i> . <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 440, R083-R085.	1.3	7
16	Lipid-Binding Aegerolysin from Biocontrol Fungus <i>Beauveria bassiana</i> . <i>Toxins</i> , 2021, 13, 820.	1.5	6
17	Unconventional Secretion of Nigerolysins A from <i>Aspergillus</i> Species. <i>Microorganisms</i> , 2020, 8, 1973.	1.6	5
18	Can hTNF- β be successfully produced and secreted in filamentous fungus <i>Aspergillus niger</i> ?. <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 439, r084-r086.	1.3	4

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19	Antioxidant defences of Norway spruce bark against bark beetles and its associated blue-stain fungus. <i>Agricultura</i> , 2015, 12, 9-18.	0.3	4
20	The Multifaceted Role of Mating Type of the Fungus and Sex of the Host in Studies of Fungal Infections in Humans. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 461.	1.5	2
21	Gene Expression in Filamentous Fungi: Advantages and Disadvantages Compared to Other Systems. <i>Fungal Biology</i> , 2016, , 201-226.	0.3	1
22	Towards a Fungal Science That Is Independent of Researchers' Gender. <i>Journal of Fungi (Basel)</i> , 2022, 8, 461.	1.5	1
23	Can hTNF- α be successfully produced and secreted in filamentous fungus <i>Aspergillus niger</i> . <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 439, R84-R86.	1.3	0