

Nils Thieme

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

440
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	The BDNF effects on dendritic spines of mature hippocampal neurons depend on neuronal activity. <i>Frontiers in Synaptic Neuroscience</i> , 2014, 6, 5.	2.5	134
2	The regulatory and transcriptional landscape associated with carbon utilization in a filamentous fungus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6003-6013.	7.1	75
3	De Novo Assembly and Genome Analyses of the Marine-Derived <i>Scopulariopsis brevicaulis</i> Strain LF580 Unravels Life-Style Traits and Anticancerous Scopularide Biosynthetic Gene Cluster. <i>PLoS ONE</i> , 2015, 10, e0140398.	2.5	34
4	Production of xylo-oligosaccharides from wheat straw using microwave assisted deep eutectic solvent pretreatment. <i>Industrial Crops and Products</i> , 2021, 164, 113393.	5.2	34
5	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in <i>Neurospora crassa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2317.	3.5	25
6	The transcription factor PDR-1 is a multi-functional regulator and key component of pectin deconstruction and catabolism in <i>Neurospora crassa</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 149.	6.2	24
7	Spatio-temporal MAP kinase dynamics mediate cell behavior coordination during fungal somatic cell fusion. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	24
8	Genomewide and Enzymatic Analysis Reveals Efficient α -Galacturonic Acid Metabolism in the Basidiomycete Yeast <i>Rhodospiridium toruloides</i> . <i>MSystems</i> , 2019, 4, .	3.8	20
9	The F-box protein gene <i>exo-1</i> is a target for reverse engineering enzyme hypersecretion in filamentous fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
10	<i>Variimorphobacter saccharofermentans</i> gen. nov., sp. nov., a new member of the family Lachnospiraceae, isolated from a maize-fed biogas fermenter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	12
11	The Renaissance of <i>Neurospora crassa</i> : How a Classical Model System is Used for Applied Research. <i>Fungal Biology</i> , 2016, , 59-96.	0.6	11
12	Comparing the physiochemical parameters of three celluloses reveals new insights into substrate suitability for fungal enzyme production. <i>Fungal Biology and Biotechnology</i> , 2017, 4, 10.	5.1	9
13	Milling byproducts are an economically viable substrate for butanol production using clostridial ABE fermentation. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8679-8689.	3.6	8
14	Microwave-assisted deep eutectic solvent extraction of phenolics from defatted date seeds and its effect on solubilization of carbohydrates. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	6
15	Draft Genome Sequence of <i>Mobilitalea sibirica</i> Strain P3M-3 ^T , the Sole Representative of the Genus <i>Mobilitalea</i> . <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
16	Draft Genome Sequence of <i>Clostridium beijerinckii</i> Strain mbf-VZ-132, Isolated from an Environmental Soil Sample. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0