

Kyria Boundy-Mills

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2046726/publications.pdf>

Version: 2024-02-01

49
papers

2,178
citations

279701

23
h-index

223716

46
g-index

50
all docs

50
docs citations

50
times ranked

2964
citing authors

#	ARTICLE	IF	CITATIONS
1	Yeasts from temperate forests. <i>Yeast</i> , 2022, 39, 4-24.	0.8	18
2	The Cdc25/Ras/cAMP-dependent protein kinase A signaling pathway regulates proline utilization in wine yeast <i>Saccharomyces cerevisiae</i> under a wine fermentation model. <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, 86, 1318-1326.	0.6	6
3	Nomenclatural issues concerning cultured yeasts and other fungi: why it is important to avoid unneeded name changes. <i>IMA Fungus</i> , 2021, 12, 18.	1.7	13
4	Olive Fruit Fly, <i>Bactrocera oleae</i> (Diptera: Tephritidae), Attraction to Volatile Compounds Produced by Host and Insect-Associated Yeast Strains. <i>Journal of Economic Entomology</i> , 2020, 113, 752-759.	0.8	13
5	Preserving US microbe collections sparks future discoveries. <i>Journal of Applied Microbiology</i> , 2020, 129, 162-174.	1.4	9
6	Yeasts Associated with the Olive Fruit Fly <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae) Lead to New Attractants. <i>Agronomy</i> , 2020, 10, 1501.	1.3	7
7	Ionic Liquid Tolerance of Yeasts in Family Dipodascaceae and Genus <i>Wickerhamomyces</i> . <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1580-1593.	1.4	7
8	Identification of oleaginous yeasts that metabolize aromatic compounds. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020, 47, 801-813.	1.4	26
9	Laboratory Screening Protocol to Identify Novel Oleaginous Yeasts. <i>Methods in Molecular Biology</i> , 2019, 1995, 33-50.	0.4	1
10	Ethanol production in switchgrass hydrolysate by ionic liquid-tolerant yeasts. <i>Bioresource Technology Reports</i> , 2019, 7, 100275.	1.5	9
11	Microbial Lipid Alternatives to Plant Lipids. <i>Methods in Molecular Biology</i> , 2019, 1995, 1-32.	0.4	20
12	Attraction of the Green Lacewing <i>Chrysoperla comanche</i> (Neuroptera: Chrysopidae) to Yeast. <i>Journal of Chemical Ecology</i> , 2019, 45, 388-391.	0.9	9
13	Conversion of cassava leaf to bioavailable, high-protein yeast cell biomass. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3034-3044.	1.7	7
14	Description of <i>Komagataella mondaviorum</i> sp. nov., a new sibling species of <i>Komagataella (Pichia) pastoris</i> . <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1197-1207.	0.7	16
15	Extracellular fungal polyol lipids: A new class of potential high value lipids. <i>Biotechnology Advances</i> , 2018, 36, 397-414.	6.0	42
16	The global catalogue of microorganisms 10K type strain sequencing project: closing the genomic gaps for the validly published prokaryotic and fungi species. <i>GigaScience</i> , 2018, 7, .	3.3	35
17	Effects of Exogenous Yeast and Bacteria on the Microbial Population Dynamics and Outcomes of Olive Fermentations. <i>MSphere</i> , 2017, 2, .	1.3	9
18	Discovery of synthesis and secretion of polyol esters of fatty acids by four basidiomycetous yeast species in the order Sporidiobolales. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 923-936.	1.4	19

#	ARTICLE	IF	CITATIONS
19	Census of Yeasts Isolated from Natural Ecosystem and Conserved in Worldwide Collections. , 2017, , 455-476.		4
20	The U.S. Culture Collection Network Responding to the Requirements of the Nagoya Protocol on Access and Benefit Sharing. MBio, 2017, 8, .	1.8	30
21	1-Ethyl-3-methylimidazolium tolerance and intracellular lipid accumulation of 38 oleaginous yeast species. Applied Microbiology and Biotechnology, 2017, 101, 8621-8631.	1.7	9
22	Simultaneous production of intracellular triacylglycerols and extracellular polyol esters of fatty acids by <i>Rhodotorula babjevae</i> and <i>Rhodotorula</i> aff. <i>paludigena</i> . Journal of Industrial Microbiology and Biotechnology, 2017, 44, 1397-1413.	1.4	17
23	The challenges faced by living stock collections in the USA. ELife, 2017, 6, .	2.8	7
24	Yeast culture collections in the twenty-first century: new opportunities and challenges. Yeast, 2016, 33, 243-260.	0.8	37
25	Eighteen new oleaginous yeast species. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 887-900.	1.4	53
26	Multiplatform Mass Spectrometry-Based Approach Identifies Extracellular Glycolipids of the Yeast <i>Rhodotorula babjevae</i> UCDFST 04-877. Journal of Natural Products, 2016, 79, 2580-2589.	1.5	24
27	The U.S. Culture Collection Network Lays the Foundation for Progress in Preservation of Valuable Microbial Resources. Phytopathology, 2016, 106, 532-540.	1.1	8
28	A new perspective on microbial landscapes within food production. Current Opinion in Biotechnology, 2016, 37, 182-189.	3.3	100
29	The United States Culture Collection Network (USCCN): Enhancing Microbial Genomics Research through Living Microbe Culture Collections. Applied and Environmental Microbiology, 2015, 81, 5671-5674.	1.4	33
30	Review of the Gross Anatomy and Microbiology of the Phasmatodea Digestive Tract. Journal of Orthoptera Research, 2015, 24, 29-40.	0.4	25
31	Yeast tolerance to the ionic liquid 1-ethyl-3-methylimidazolium acetate. FEMS Yeast Research, 2014, 14, 1286-1294.	1.1	36
32	Carbon source utilization and inhibitor tolerance of 45 oleaginous yeast species. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 1061-1070.	1.4	116
33	Identification of oleaginous yeast strains able to accumulate high intracellular lipids when cultivated in alkaline pretreated corn stover. Applied Microbiology and Biotechnology, 2014, 98, 7645-7657.	1.7	55
34	Oleaginous yeasts for biodiesel: Current and future trends in biology and production. Biotechnology Advances, 2014, 32, 1336-1360.	6.0	361
35	Accumulation of High-Value Lipids in Single-Cell Microorganisms: A Mechanistic Approach and Future Perspectives. Journal of Agricultural and Food Chemistry, 2014, 62, 2709-2727.	2.4	127
36	Meeting report: 2nd workshop of the United States culture collection network (May 19-21, 2014, State) Tj ETQq0,0 0 rgBTj /Overlock	1.5	6

#	ARTICLE	IF	CITATIONS
37	4 Genome Data Drives Change at Culture Collections. , 2014, , 81-96.		8
38	Methods for the Isolation and Investigation of the Diversity of Cold-Adapted Yeasts and Their Ex Situ Preservation in Worldwide Collections. , 2014, , 23-45.		2
39	Manipulation of culture conditions alters lipid content and fatty acid profiles of a wide variety of known and new oleaginous yeast species. <i>Bioresource Technology</i> , 2013, 144, 360-369.	4.8	178
40	Effects of pectinolytic yeast on the microbial composition and spoilage of olive fermentations. <i>Food Microbiology</i> , 2013, 33, 97-106.	2.1	65
41	(+)-Altholactone exhibits broad spectrum immune modulating activity by inhibiting the activation of pro-inflammatory cytokines in RAW 264.7 cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4358-4364.	1.4	15
42	Associations of Yeasts with Spotted-Wing Drosophila (<i>Drosophila suzukii</i> ; Diptera: Drosophilidae) in Cherries and Raspberries. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4869-4873.	1.4	171
43	An improved high-throughput Nile red fluorescence assay for estimating intracellular lipids in a variety of yeast species. <i>Journal of Microbiological Methods</i> , 2012, 91, 321-328.	0.7	139
44	Volatile Emissions from an Epiphytic Fungus are Semiochemicals for Eusocial Wasps. <i>Microbial Ecology</i> , 2012, 64, 1056-1063.	1.4	54
45	Yeast culture collections of the world: meeting the needs of industrial researchers. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 673-680.	1.4	23
46	Natural Product Libraries to Accelerate the High-Throughput Discovery of Therapeutic Leads. <i>Journal of Natural Products</i> , 2011, 74, 2545-2555.	1.5	59
47	<i>Pichia insulana</i> sp. nov., a novel cactophilic yeast from the Caribbean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1001-1007.	0.8	12
48	Molecular diversity and intragenomic variability in the yeast genus <i>Xanthophyllomyces</i> : the origin of <i>Phaffia rhodozyma</i> ?. <i>FEMS Yeast Research</i> , 2007, 7, 1399-1408.	1.1	31
49	The D1/D2 domain of the large-subunit rDNA of the yeast species is unusually polymorphic. <i>FEMS Yeast Research</i> , 2003, 4, 253-258.	1.1	107