

Susanna Seppälä

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3824111/publications.pdf>

Version: 2024-02-01

17
papers

352
citations

758635

12
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of sourcing enzymes from non-conventional fungi for metabolic engineering and biomass breakdown. <i>Metabolic Engineering</i> , 2017, 44, 45-59.	3.6	43
2	Genomic analysis of methanogenic archaea reveals a shift towards energy conservation. <i>BMC Genomics</i> , 2017, 18, 639.	1.2	41
3	Experimentally Validated Reconstruction and Analysis of a Genome-Scale Metabolic Model of an Anaerobic Neocallimastigomycota Fungus. <i>MSystems</i> , 2021, 6, .	1.7	33
4	Co-cultivation of the anaerobic fungus <i>Anaeromyces robustus</i> with <i>Methanobacterium bryantii</i> enhances transcription of carbohydrate active enzymes. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1427-1433.	1.4	32
5	Integrating Systems and Synthetic Biology to Understand and Engineer Microbiomes. <i>Annual Review of Biomedical Engineering</i> , 2021, 23, 169-201.	5.7	23
6	Harnessing Nature's Anaerobes for Biotechnology and Bioprocessing. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2019, 10, 105-128.	3.3	22
7	Mapping the membrane proteome of anaerobic gut fungi identifies a wealth of carbohydrate binding proteins and transporters. <i>Microbial Cell Factories</i> , 2016, 15, 212.	1.9	21
8	Co-cultivation of the anaerobic fungus <i>Caecomyces churovis</i> with <i>Methanobacterium bryantii</i> enhances transcription of carbohydrate binding modules, dockerins, and pyruvate formate lyases on specific substrates. <i>Biotechnology for Biofuels</i> , 2021, 14, 234.	6.2	21
9	An expression tag toolbox for microbial production of membrane bound plant cytochromes P450. <i>Biotechnology and Bioengineering</i> , 2017, 114, 751-760.	1.7	19
10	A SWEET surprise: Anaerobic fungal sugar transporters and chimeras enhance sugar uptake in yeast. <i>Metabolic Engineering</i> , 2021, 66, 137-147.	3.6	19
11	Linking omics to function unlocks the biotech potential of non-model fungi. <i>Current Opinion in Systems Biology</i> , 2019, 14, 9-17.	1.3	18
12	Genomic and proteomic biases inform metabolic engineering strategies for anaerobic fungi. <i>Metabolic Engineering Communications</i> , 2020, 10, e00107.	1.9	18
13	Heterologous transporters from anaerobic fungi bolster fluoride tolerance in <i>Saccharomyces cerevisiae</i> . <i>Metabolic Engineering Communications</i> , 2019, 9, e00091.	1.9	15
14	Engineered fluoride sensitivity enables biocontainment and selection of genetically-modified yeasts. <i>Nature Communications</i> , 2020, 11, 5459.	5.8	12
15	Homo-oligomerization of the human adenosine A2A receptor is driven by the intrinsically disordered C-terminus. <i>ELife</i> , 2021, 10, .	2.8	8
16	17 The Biotechnological Potential of Anaerobic Gut Fungi. , 2020, , 413-437.		3
17	Identification of novel membrane proteins for improved lignocellulose conversion. <i>Current Opinion in Biotechnology</i> , 2022, 73, 198-204.	3.3	2