# Susanna SeppÃ¤lÃ¤

List of Publications by Year
in descending order



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|---|---|---|---|
| 17 papers | 352 citations | 759233 12 h-index | 940533 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. Metabolic Engineering, 2017, 44, 45-59. | 7.0 | 43 |
| 2 | Genomic analysis ofÂmethanogenic archaeaÂreveals a shift towards energy conservation. BMC Genomics, 2017, 18, 639. | 2.8 | 41 |
| 3 | Experimentally Validated Reconstruction and Analysis of a Genome-Scale Metabolic Model of an Anaerobic Neocallimastigomycota Fungus. MSystems, 2021, 6, . | 3.8 | 33 |
| 4 | Co-cultivation of the anaerobic fungus Anaeromyces robustus with Methanobacterium bryantii enhances transcription of carbohydrate active enzymes. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1427-1433. | 3.0 | 32 |
| 5 | Integrating Systems and Synthetic Biology to Understand and Engineer Microbiomes. Annual Review of Biomedical Engineering, 2021, 23, 169-201. | 12.3 | 23 |
| 6 | Harnessing Nature's Anaerobes for Biotechnology and Bioprocessing. Annual Review of Chemical and Biomolecular Engineering, 2019, 10, 105-128. | 6.8 | 22 |
| 7 | Mapping the membrane proteome of anaerobic gut fungi identifies a wealth of carbohydrate binding proteins and transporters. Microbial Cell Factories, 2016, 15, 212. | 4.0 | 21 |
| 8 | Coâ€˜cultivation of the anaerobic fungus Caecomyces churrovis with Methanobacterium bryantii enhances transcription of carbohydrate binding modules, dockerins, and pyruvate formate lyases on specific substrates. Biotechnology for Biofuels, 2021, 14, 234. | 6.2 | 21 |
| 9 | An expression tag toolbox for microbial production of membrane bound plant cytochromes P450. Biotechnology and Bioengineering, 2017, 114, 751-760. | 3.3 | 19 |
| 10 | A SWEET surprise: Anaerobic fungal sugar transporters and chimeras enhance sugar uptake in yeast. Metabolic Engineering, 2021, 66, 137-147. | 7.0 | 19 |
| 11 | Linking â€˜omicsâ€™ to function unlocks the biotech potential of non-model fungi. Current Opinion in Systems Biology, 2019, 14, 9-17. | 2.6 | 18 |
| 12 | Genomic and proteomic biases inform metabolic engineering strategies for anaerobic fungi. Metabolic Engineering Communications, 2020, 10, e00107. | 3.6 | 18 |
| 13 | Heterologous transporters from anaerobic fungi bolster fluoride tolerance in Saccharomyces cerevisiae. Metabolic Engineering Communications, 2019, 9, e00091. | 3.6 | 15 |
| 14 | Engineered fluoride sensitivity enables biocontainment and selection of genetically-modified yeasts. Nature Communications, 2020, 11, 5459. | 12.8 | 12 |
| 15 | Homo-oligomerization of the human adenosine A2A receptor is driven by the intrinsically disordered C-terminus. ELife, 2021, 10, . | 6.0 | 8 |
| 16 | 17 The Biotechnological Potential of Anaerobic Gut Fungi. , 2020, , 413-437. | | 3 |
| 17 | Identification of novel membrane proteins for improved lignocellulose conversion. Current Opinion in Biotechnology, 2022, 73, 198-204. | 6.6 | 2 |