

Susanna S J Leong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

725
citations

858243

12
h-index

1113639

15
g-index

15
all docs

15
docs citations

15
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a catheter functionalized by a polydopamine peptide coating with antimicrobial and antibiofilm properties. <i>Acta Biomaterialia</i> , 2015, 15, 127-138.	4.1	168
2	Immobilization Studies of an Engineered Arginine-Tryptophan-Rich Peptide on a Silicone Surface with Antimicrobial and Antibiofilm Activity. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6412-6422.	4.0	93
3	Microbial tolerance engineering toward biochemical production: from lignocellulose to products. <i>Current Opinion in Biotechnology</i> , 2014, 29, 99-106.	3.3	87
4	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for the overproduction of short branched-chain fatty acids. <i>Metabolic Engineering</i> , 2016, 34, 36-43.	3.6	78
5	Synthetic biology toolkits and applications in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Advances</i> , 2018, 36, 1870-1881.	6.0	59
6	Whole-cell biocatalytic and de novo production of alkanes from free fatty acids in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2017, 114, 232-237.	1.7	57
7	Production of Fatty Acid-Derived Valuable Chemicals in Synthetic Microbes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 78.	2.0	55
8	Engineering <i>Yarrowia lipolytica</i> towards food waste bioremediation: Production of fatty acid ethyl esters from vegetable cooking oil. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 31-40.	1.1	27
9	Engineering transcription factors to improve tolerance against alkane biofuels in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 231.	6.2	21
10	Anhydrous polymer-based coating with sustainable controlled release functionality for facile, efficacious impregnation, and delivery of antimicrobial peptides. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2000-2012.	1.7	20
11	Development of a polymer-based antimicrobial coating for efficacious urinary catheter protection. <i>Biotechnology Notes</i> , 2021, 2, 1-10.	0.7	17
12	An oleaginous yeast platform for renewable 1-butanol synthesis based on a heterologous CoA-dependent pathway and an endogenous pathway. <i>Microbial Cell Factories</i> , 2018, 17, 166.	1.9	14
13	Genetic Engineering of an Unconventional Yeast for Renewable Biofuel and Biochemical Production. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	11
14	Control Release Coating for Urinary Catheters with Enhanced Released Profile for Sustained Antimicrobial Protection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59263-59274.	4.0	10
15	Engineering an Alcohol-Forming Fatty Acyl-CoA Reductase for Aldehyde and Hydrocarbon Biosynthesis in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 585935.	2.0	8