Susanna S J Leong

List of Publications by Year
in descending order

15 papers	725 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1250 citing authors

#	Article	IF	Citations
1	Development of a catheter functionalized by a polydopamine peptide coating with antimicrobial and antibiofilm properties. Acta Biomaterialia, 2015, 15, 127-138.	8.3	168
2	Immobilization Studies of an Engineered Arginineâ€“Tryptophan-Rich Peptide on a Silicone Surface with Antimicrobial and Antibiofilm Activity. ACS Applied Materials & Interfaces, 2013, 5, 6412-6422.	8.0	93
3	Microbial tolerance engineering toward biochemical production: from lignocellulose to products. Current Opinion in Biotechnology, 2014, 29, 99-106.	6.6	87
4	Metabolic engineering of Saccharomyces cerevisiae for the overproduction of short branched-chain fatty acids. Metabolic Engineering, 2016, 34, 36-43.	7.0	78
5	Synthetic biology toolkits and applications in Saccharomyces cerevisiae. Biotechnology Advances, 2018, 36, 1870-1881.	11.7	59
6	Wholeâ€cell biocatalytic and de novo production of alkanes from free fatty acids in Saccharomyces cerevisiae. Biotechnology and Bioengineering, 2017, 114, 232-237.	3.3	57
7	Production of Fatty Acid-Derived Valuable Chemicals in Synthetic Microbes. Frontiers in Bioengineering and Biotechnology, 2014, 2, 78.	4.1	55
8	Engineering Yarrowia lipolytica towards food waste bioremediation: Production ofÂfatty acid ethyl esters from vegetable cooking oil. Journal of Bioscience and Bioengineering, 2020, 129, 31-40.	2.2	27
9	Engineering transcription factors to improve tolerance against alkane biofuels in Saccharomyces cerevisiae. Biotechnology for Biofuels, 2015, 8, 231.	6.2	21
10	Anhydrous polymerâ€based coating with sustainable controlled release functionality for facile, efficacious impregnation, and delivery of antimicrobial peptides. Biotechnology and Bioengineering, 2018, 115, 2000-2012.	3.3	20
11	Development of a polymer-based antimicrobial coating for efficacious urinary catheter protection. Biotechnology Notes, 2021, 2, 1-10.	1.2	17
12	An oleaginous yeast platform for renewable 1-butanol synthesis based on a heterologous CoA-dependent pathway and an endogenous pathway. Microbial Cell Factories, 2018, 17, 166.	4.0	14
13	Genetic Engineering of an Unconventional Yeast for Renewable Biofuel and Biochemical Production. Journal of Visualized Experiments, 2016, , .	0.3	11
14	Control Release Coating for Urinary Catheters with Enhanced Released Profile for Sustained Antimicrobial Protection. ACS Applied Materials & Interfaces, 2021, 13, 59263-59274.	8.0	10
15	Engineering an Alcohol-Forming Fatty Acyl-CoA Reductase for Aldehyde and Hydrocarbon Biosynthesis in Saccharomyces cerevisiae. Frontiers in Bioengineering and Biotechnology, 2020, 8, 585935.	4.1	8