Claire Saulou-BÃ©rion

List of Publications by Year
in descending order

16	310	840585 11	940416 16
papers	citations	h-index	g-index

17	17	17	445
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Culture conditions affect Lactobacillus reuteri DSM 17938 ability to perform glycerol bioconversion into 3-hydroxypropionic acid. Journal of Bioscience and Bioengineering, 2021, 131, 501-508.	1.1	2
2	Efficient 3-hydroxypropionic acid production by Acetobacter sp. CIP 58.66 through a feeding strategy based on pH control. AMB Express, 2021, 11, 130.	1.4	1
3	Process engineering for microbial production of 3-hydroxypropionic acid. Biotechnology Advances, 2018, 36, 1207-1222.	6.0	59
4	Towards an extractive bioconversion of 3â€hydroxypropionic acid: study of inhibition phenomena. Journal of Chemical Technology and Biotechnology, 2017, 92, 2425-2432.	1.6	15
5	Wheat and Sugar Beet Coproducts for the Bioproduction of 3-Hydroxypropionic Acid by Lactobacillus reuteri DSM17938. Fermentation, 2017, 3, 32.	1.4	12
6	Conversion of Glycerol to 3-Hydroxypropanoic Acid by Genetically Engineered Bacillus subtilis. Frontiers in Microbiology, 2017, 8, 638.	1.5	22
7	Reactive extraction of 3-hydroxypropionic acid from model aqueous solutions and real bioconversion media. Comparison with its isomer 2-hydroxypropionic (lactic) acid. Journal of Chemical Technology and Biotechnology, 2016, 91, 2276-2285.	1.6	15
8	Reactive extraction of bio-based 3-hydroxypropionic acid assisted by hollow-fiber membrane contactor using TOA and Aliquat 336 inn-decanol. Journal of Chemical Technology and Biotechnology, 2016, 91, 2705-2712.	1.6	24
9	Escherichia coli under Ionic Silver Stress: An Integrative Approach to Explore Transcriptional, Physiological and Biochemical Responses. PLoS ONE, 2015, 10, e0145748.	1.1	21
10	Relationships between the use of Embden Meyerhof pathway (EMP) or Phosphoketolase pathway (PKP) and lactate production capabilities of diverse Lactobacillus reuteri strains. Journal of Microbiology, 2015, 53, 702-710.	1.3	23
11	Plasma-deposited nanocomposite polymer-silver coating against Escherichia coli and Staphylococcus aureus: Antibacterial properties and ageing. Surface and Coatings Technology, 2015, 281, 1-10.	2.2	17
12	Synchrotron FTIR microspectroscopy of Escherichia coli at single-cell scale under silver-induced stress conditions. Analytical and Bioanalytical Chemistry, 2013, 405, 2685-2697.	1.9	25
13	Plasmaâ€Mediated Nanosilverâ€Organosilicon Composite Films Deposited on Stainless Steel: Synthesis, Surface Characterization, and Evaluation of Antiâ€Adhesive and Antiâ€Microbial Properties on the Model Yeast Saccharomyces cerevisiae. Plasma Processes and Polymers, 2012, 9, 324-338.	1.6	27
14	Plasma-Engineered Polymer Thin Films with Embedded Nanosilver for Prevention of Microbial Adhesion. Solid State Phenomena, 2009, 151, 95-100.	0.3	4
15	Plasmaâ€Mediated Modification of Austenitic Stainless Steel: Application to the Prevention of Yeast Adhesion. Plasma Processes and Polymers, 2009, 6, 813-824.	1.6	3
16	Plasma deposition of organosilicon polymer thin films with embedded nanosilver for prevention of microbial adhesion. Applied Surface Science, 2009, 256, S35-S39.	3.1	40