Claire Saulou-Brion

List of Publications by Year in Descending Order

16 papers	217 citations	11 h-index	14 g-index
17 ext. papers	277 ext. citations	4.6 avg, IF	2.65 L-index

#	Paper	IF	Citations
16	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	3.3	0
15	Efficient 3-hydroxypropionic acid production by Acetobacter sp. CIP 58.66 through a feeding strategy based on pH control. *AMB Express*, **2021**, 11, 130	4.1	
14	Process engineering for microbial production of 3-hydroxypropionic acid. *Biotechnology Advances*, **2018**, 36, 1207-1222	17.8	33
13	Towards an extractive bioconversion of 3-hydroxypropionic acid: study of inhibition phenomena. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 2425-2432	3.5	12
12	Wheat and Sugar Beet Coproducts for the Bioproduction of 3-Hydroxypropionic Acid by Lactobacillus reuteri DSM17938. *Fermentation*, **2017**, 3, 32	4.7	6
11	Conversion of Glycerol to 3-Hydroxypropanoic Acid by Genetically Engineered. *Frontiers in Microbiology*, **2017**, 8, 638	5.7	14
10	Reactive extraction of bio-based 3-hydroxypropionic acid assisted by hollow-fiber membrane contactor using TOA and Aliquat 336 in n-decanol. *Journal of Chemical Technology and Biotechnology*, **2016**, 91, 2705-2712	3.5	15
9	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	3.5	13
8	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, 702-10	3	15
7	Plasma-deposited nanocomposite polymer-silver coating against Escherichia coli and Staphylococcus aureus: Antibacterial properties and ageing. *Surface and Coatings Technology*, **2015**, 281, 1-10	4.4	13
6	Escherichia coli under Ionic Silver Stress: An Integrative Approach to Explore Transcriptional, Physiological and Biochemical Responses. *PLoS ONE*, **2015**, 10, e0145748	3.7	12
5	Synchrotron FTIR microspectroscopy of Escherichia coli at single-cell scale under silver-induced stress conditions. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 2685-97	4.4	17
4	Plasma-Mediated Nanosilver-Organosilicon Composite Films Deposited on Stainless Steel: Synthesis, Surface Characterization, and Evaluation of Anti-Adhesive and Anti-Microbial Properties on the Model Yeast Saccharomyces cerevisiae. *Plasma Processes and Polymers*, **2012**, 9, 324-338	3.4	24
3	Plasma-Engineered Polymer Thin Films with Embedded Nanosilver for Prevention of Microbial Adhesion. *Solid State Phenomena*, **2009**, 151, 95-100	0.4	3
2	Plasma-Mediated Modification of Austenitic Stainless Steel: Application to the Prevention of Yeast Adhesion. *Plasma Processes and Polymers*, **2009**, 6, 813-824	3.4	3
1	Plasma deposition of organosilicon polymer thin films with embedded nanosilver for prevention of microbial adhesion. *Applied Surface Science*, **2009**, 256, S35-S39	6.7	37