

Claire Saulou-Brion

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Plasma deposition of organosilicon polymer thin films with embedded nanosilver for prevention of microbial adhesion. <i>Applied Surface Science</i> , 2009 , 256, S35-S39 | 6.7 | 37 |
| 15 | Process engineering for microbial production of 3-hydroxypropionic acid. <i>Biotechnology Advances</i> , 2018 , 36, 1207-1222 | 17.8 | 33 |
| 14 | 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 <i>Saccharomyces cerevisiae</i> . <i>Plasma Processes and Polymers</i> , 2012 , 9, 324-338 | 3.4 | 24 |
| 13 | Synchrotron FTIR microspectroscopy of <i>Escherichia coli</i> at single-cell scale under silver-induced stress conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 2685-97 | 4.4 | 17 |
| 12 | Relationships between the use of Embden Meyerhof pathway (EMP) or Phosphoketolase pathway (PKP) and lactate production capabilities of diverse <i>Lactobacillus reuteri</i> strains. <i>Journal of Microbiology</i> , 2015 , 53, 702-10 | 3 | 15 |
| 11 | Reactive extraction of bio-based 3-hydroxypropionic acid assisted by hollow-fiber membrane contactor using TOA and Aliquat 336 in n-decanol. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2705-2712 | 3.5 | 15 |
| 10 | Conversion of Glycerol to 3-Hydroxypropanoic Acid by Genetically Engineered. <i>Frontiers in Microbiology</i> , 2017 , 8, 638 | 5.7 | 14 |
| 9 | Plasma-deposited nanocomposite polymer-silver coating against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> : Antibacterial properties and ageing. <i>Surface and Coatings Technology</i> , 2015 , 281, 1-10 | 4.4 | 13 |
| 8 | Reactive extraction of 3-hydroxypropionic acid from model aqueous solutions and real bioconversion media. Comparison with its isomer 2-hydroxypropionic (lactic) acid. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2276-2285 | 3.5 | 13 |
| 7 | Towards an extractive bioconversion of 3-hydroxypropionic acid: study of inhibition phenomena. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 2425-2432 | 3.5 | 12 |
| 6 | <i>Escherichia coli</i> under Ionic Silver Stress: An Integrative Approach to Explore Transcriptional, Physiological and Biochemical Responses. <i>PLoS ONE</i> , 2015 , 10, e0145748 | 3.7 | 12 |
| 5 | Wheat and Sugar Beet Coproducts for the Bioproduction of 3-Hydroxypropionic Acid by <i>Lactobacillus reuteri</i> DSM17938. <i>Fermentation</i> , 2017 , 3, 32 | 4.7 | 6 |
| 4 | Plasma-Engineered Polymer Thin Films with Embedded Nanosilver for Prevention of Microbial Adhesion. <i>Solid State Phenomena</i> , 2009 , 151, 95-100 | 0.4 | 3 |
| 3 | Plasma-Mediated Modification of Austenitic Stainless Steel: Application to the Prevention of Yeast Adhesion. <i>Plasma Processes and Polymers</i> , 2009 , 6, 813-824 | 3.4 | 3 |
| 2 | Culture conditions affect <i>Lactobacillus reuteri</i> DSM 17938 ability to perform glycerol bioconversion into 3-hydroxypropionic acid. <i>Journal of Bioscience and Bioengineering</i> , 2021 , 131, 501-508 | 3.3 | 0 |
| 1 | Efficient 3-hydroxypropionic acid production by <i>Acetobacter</i> sp. CIP 58.66 through a feeding strategy based on pH control. <i>AMB Express</i> , 2021 , 11, 130 | 4.1 | |