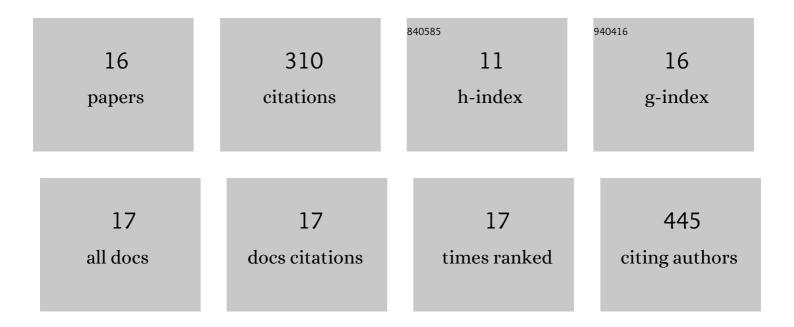
Claire Saulou-Bérion

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Process engineering for microbial production of 3-hydroxypropionic acid. Biotechnology Advances, 2018, 36, 1207-1222.	6.0	59
2	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
3	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 <i>Saccharomyces cerevisiae</i> . Plasma Processes and Polymers, 2012, 9, 324-338.	1.6	27
4	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
5	Reactive extraction of bio-based 3-hydroxypropionic acid assisted by hollow-fiber membrane contactor using TOA and Aliquat 336 in <i>n</i> -decanol. Journal of Chemical Technology and Biotechnology, 2016, 91, 2705-2712.	1.6	24
6	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
7	Conversion of Glycerol to 3-Hydroxypropanoic Acid by Genetically Engineered Bacillus subtilis. Frontiers in Microbiology, 2017, 8, 638.	1.5	22
8	Escherichia coli under Ionic Silver Stress: An Integrative Approach to Explore Transcriptional, Physiological and Biochemical Responses. PLoS ONE, 2015, 10, e0145748.	1.1	21
9	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
10	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
11	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
12	Wheat and Sugar Beet Coproducts for the Bioproduction of 3-Hydroxypropionic Acid by Lactobacillus reuteri DSM17938. Fermentation, 2017, 3, 32.	1.4	12
13	Plasma-Engineered Polymer Thin Films with Embedded Nanosilver for Prevention of Microbial Adhesion. Solid State Phenomena, 2009, 151, 95-100.	0.3	4
14	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
15	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
16	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