

Claire Saulou-BÃ©rion

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9500168/publications.pdf>

Version: 2024-02-01

16
papers

310
citations

840585

11
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Process engineering for microbial production of 3-hydroxypropionic acid. <i>Biotechnology Advances</i> , 2018, 36, 1207-1222.	6.0	59
2	Plasma deposition of organosilicon polymer thin films with embedded nanosilver for prevention of microbial adhesion. <i>Applied Surface Science</i> , 2009, 256, S35-S39.	3.1	40
3	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.	1.6	27
4	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, 2685-2697.	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. <i>Journal of Chemical Technology and Biotechnology</i> , 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 <i>Lactobacillus reuteri</i> strains. <i>Journal of Microbiology</i> , 2015, 53, 702-710.	1.3	23
7	Conversion of Glycerol to 3-Hydroxypropanoic Acid by Genetically Engineered <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 638.	1.5	22
8	<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.	1.1	21
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.	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. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2276-2285.	1.6	15
11	Towards an extractive bioconversion of 3-hydroxypropionic acid: study of inhibition phenomena. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 2425-2432.	1.6	15
12	Wheat and Sugar Beet Coproducts for the Bioproduction of 3-Hydroxypropionic Acid by <i>Lactobacillus reuteri</i> DSM17938. <i>Fermentation</i> , 2017, 3, 32.	1.4	12
13	Plasma-Engineered Polymer Thin Films with Embedded Nanosilver for Prevention of Microbial Adhesion. <i>Solid State Phenomena</i> , 2009, 151, 95-100.	0.3	4
14	Plasma-Mediated Modification of Austenitic Stainless Steel: Application to the Prevention of Yeast Adhesion. <i>Plasma Processes and Polymers</i> , 2009, 6, 813-824.	1.6	3
15	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.	1.1	2
16	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.	1.4	1