

Luis Miguel Serrano-Bermúdez

List of Publications by Year in descending order

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7
papers

75
citations

1937685

4
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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Clostridium butyricum</i> maximizes growth while minimizing enzyme usage and ATP production: metabolic flux distribution of a strain cultured in glycerol. BMC Systems Biology, 2017, 11, 58.	3.0	22
2	Development of a <i>Chlamydomonas reinhardtii</i> metabolic network dynamic model to describe distinct phenotypes occurring at different CO ₂ levels. PeerJ, 2018, 6, e5528.	2.0	19
3	Contributions of Latin American researchers in the understanding of the novel coronavirus outbreak: a literature review. PeerJ, 2020, 8, e9332.	2.0	14
4	<i>Clostridium butyricum</i> population balance model: Predicting dynamic metabolic flux distributions using an objective function related to extracellular glycerol content. PLoS ONE, 2018, 13, e0209447.	2.5	9
5	Effect of CO ₂ , aeration, irradiance, and photoperiod on biomass and lipid accumulation in a microalga autotrophically cultured and selected from four Colombian-native strains. Bioresource Technology Reports, 2020, 12, 100578.	2.7	6
6	Kinetic models for degumming and bleaching of phospholipids from crude palm oil using citric acid and Super Flo B80® and Tonsil®. Food and Bioproducts Processing, 2021, 129, 75-83.	3.6	3
7	Kinetic model for the esterification of free fatty acids from palm oil with methanol using sulfuric acid as catalyst and sensitivity analysis in tubular reactors. JAOCS, Journal of the American Oil Chemists' Society, 2022, 99, 253-263.	1.9	1