

Samuel Conceição de Oliveira

List of Publications by Year in descending order

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14
papers

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1307543

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114
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based optimization of xylooligosaccharides production by hydrothermal pretreatment of Eucalyptus by-product. <i>Industrial Crops and Products</i> , 2020, 154, 112707.	5.2	23
2	Evaluation of the <i>Kappaphycus alvarezii</i> growth under different environmental conditions and efficiency of the enzymatic hydrolysis of the residue generated in the carrageenan processing. <i>Biomass and Bioenergy</i> , 2019, 127, 105254.	5.7	17
3	Mathematical modeling and analysis of the flocculation process in chambers in series. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 357-363.	3.4	16
4	Sequential Enzymatic and Mild-Acid Hydrolysis of By-Product of Carrageenan Process from <i>Kappaphycus alvarezii</i> . <i>Bioenergy Research</i> , 2019, 12, 419-432.	3.9	14
5	Sequenciamento sistemático de experimentos fatoriais como alternativa à ordem aleatória. <i>Gestão & Produção</i> , 2017, 24, 108-122.	0.5	11
6	Mathematical modeling of a continuous alcoholic fermentation process in a two-stage tower reactor cascade with flocculating yeast recycle. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 469-479.	3.4	10
7	Evaluation of the effects of different chemical pretreatments in sugarcane bagasse on the response of enzymatic hydrolysis in batch systems subject to high mass loads. <i>Renewable Energy</i> , 2021, 165, 1-13.	8.9	10
8	Experimental design, modeling, and optimization of production of xylooligosaccharides by hydrothermal pretreatment of sugarcane bagasse and straw. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 12777-12794.	4.6	8
9	Sequential experimental design for estimation and analysis of thermal parameters in a fixed bed. <i>Canadian Journal of Chemical Engineering</i> , 2001, 79, 874-880.	1.7	0
10	Model-Based Evolutionary Operation Design for Batch and Fed-Batch Antibiotic Production Bioprocesses. , 2018, , .		0
11	A Proposal for Reservoir Volume Calculation in Rainwater Harvesting Systems. <i>Journal of Civil Engineering and Architecture</i> , 2012, 6, .	0.1	0
12	AVANÇOS EM UM MODELO MATEMÁTICO PARA O PROCESSO DE REMOÇÃO DE SULFATO EM BIORREATOR ANAERÓBIO DE LEITO FIXO OPERADO EM BATELADAS SEQUENCIAIS. , 0, , .		0
13	Um Modelo Matemático Simples para a Otimização de Bioprocessos em Batelada: Estudo de Caso da Produção de um Metabólito Primário. , 0, , .		0
14	Ocorrência de Múltiplos Fatores de Efetividade em Partículas Catalíticas contendo Enzimas Imobilizadas: Análise para a Cinética com Inibição por Substrato. , 0, , .		0