

Luciane S Ferreira

List of Publications by Year in Descending Order

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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.

34
papers

337
citations

10
h-index

17
g-index

34
ext. papers

421
ext. citations

3.7
avg, IF

3.78
L-index

#	Paper	IF	Citations
34	A systematic approach for flexible cost-efficient hydrogen network design for hydrogen management in refineries. <i>Chemical Engineering Research and Design</i> , 2021 , 172, 53-70	5.5	0
33	Analysis of total phenolic compounds and caffeine in teas using variable selection approach with two-dimensional fluorescence and infrared spectroscopy. <i>Microchemical Journal</i> , 2021 , 169, 106570	4.8	2
32	Determination of the concentration of total phenolic compounds in aged cachaça using two-dimensional fluorescence and mid-infrared spectroscopy. <i>Food Chemistry</i> , 2020 , 329, 127142	8.5	8
31	Study of three drying methods in production of nutritious flours from the fermentation slurry of orange-fleshed sweet potato. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14658	2.1	0
30	Influence of period light on cultivation of microalgae consortium for the treatment of tannery wastewaters from leather finishing stage. <i>Journal of Cleaner Production</i> , 2020 , 263, 121618	10.3	21
29	Food waste biorefinery advocating circular economy: Bioethanol and distilled beverage from sweet potato. <i>Journal of Cleaner Production</i> , 2020 , 268, 121788	10.3	25
28	MILP Formulation for Solving and Initializing MINLP Problems Applied to Retrofit and Synthesis of Hydrogen Networks. <i>Processes</i> , 2020 , 8, 1102	2.9	2
27	Prediction of sulfur content in diesel fuel using fluorescence spectroscopy and a hybrid ant colony - Tabu Search algorithm with polynomial bases expansion. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 206, 104161	3.8	4
26	Continuous fast pyrolysis of rice husk in a fluidized bed reactor with high feed rates. <i>Chemical Engineering Communications</i> , 2020 , 1-11	2.2	2
25	STATSSCANDLEPLOT: A NEW WAY OF MONITORING OPERATIONAL PERFORMANCE INDICATORS. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 393-408	1.7	
24	A SIMPLE EQUATION FOR TOTAL REDUCING SUGARS (TRS) ESTIMATION ON SWEET POTATO AND ETHANOL YIELD POTENTIAL. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 33-41	1.7	5
23	Consortium of Microalgae for Tannery Effluent Treatment. <i>Brazilian Archives of Biology and Technology</i> , 2019 , 62,	1.8	10
22	Preheating Followed by Simultaneous Viscosity Reduction, Hydrolysis, and Fermentation: Simplifying the Process of Ethanol Production from Sweet Potato. <i>Bioenergy Research</i> , 2019 , 12, 94-102	3.1	5
21	Development of a quantitative approach using Raman spectroscopy for carotenoids determination in processed sweet potato. <i>Food Chemistry</i> , 2018 , 245, 1224-1231	8.5	19
20	Orange-Fleshed Sweet Potato Flour Obtained by Drying in Microwave and Hot Air. <i>Journal of Food Processing and Preservation</i> , 2017 , 41, e12744	2.1	6
19	Classification of Diesel Fuel Using Two-Dimensional Fluorescence Spectroscopy. <i>Energy & Fuels</i> , 2017 , 31, 8942-8950	4.1	5
18	Ethanol production from sweet potato: The effect of ripening, comparison of two heating methods, and cost analysis. <i>Canadian Journal of Chemical Engineering</i> , 2016 , 94, 716-724	2.3	14

17	Development of Ant Colony Optimization (ACO) Algorithms Based on Statistical Analysis and Hypothesis Testing for Variable Selection. <i>IFAC-PapersOnLine</i> , 2015 , 48, 900-905	0.7	7
16	Sulfur Determination in Diesel using 2D Fluorescence Spectroscopy and Linear Models. <i>IFAC-PapersOnLine</i> , 2015 , 48, 415-420	0.7	4
15	NIR pre-selection data using modified changeable size moving window partial least squares and pure spectral chemometrical modeling with ant colony optimization for wheat flour characterization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 142, 78-86	3.8	8
14	Simultaneous cold hydrolysis and fermentation of fresh sweet potato. <i>Biomass and Bioenergy</i> , 2014 , 70, 174-183	5.3	26
13	Wheat flour characterization using NIR and spectral filter based on Ant Colony Optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014 , 132, 133-140	3.8	25
12	Evaluation of wavelength selection methods for 2D fluorescence spectra applied to bioprocesses characterization. <i>Brazilian Journal of Chemical Engineering</i> , 2013 , 30, 289-298	1.7	5
11	A New Approach for Practical Identifiability Analysis Applied to Dynamic Phenomenological Models. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 691-696		3
10	Fluorescence Spectroscopy as a Tool for Ethanol Fermentation On-line Monitoring. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 940-945		2
9	Modeling and Simulation of Nanoparticles Formation Process: A Diffusive Approach. <i>Computer Aided Chemical Engineering</i> , 2009 , 27, 999-1004	0.6	
8	Modeling and Simulation of the Polymeric Nanocapsule Formation Process. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 405-410		29
7	A growth kinetic model of <i>Kluyveromyces marxianus</i> cultures on cheese whey as substrate. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004 , 31, 35-40	4.2	31
6	A lactose fia-biosensor system for monitoring and process control. <i>Brazilian Journal of Chemical Engineering</i> , 2004 , 21, 307-315	1.7	9
5	Aspects concerning the use of biosensors for process control: experimental and simulation investigations. <i>Computers and Chemical Engineering</i> , 2003 , 27, 1165-1173	4	28
4	Analysis of experimental biosensor/FIA lactose measurements. <i>Brazilian Journal of Chemical Engineering</i> , 2003 , 20, 07-13	1.7	5
3	Development of an alcohol fermentation control system based on biosensor measurements interpreted by neural networks. <i>Sensors and Actuators B: Chemical</i> , 2001 , 75, 166-171	8.5	25
2	Alternative Process for Production of Sweet Potato Distilled Beverage. <i>Brazilian Archives of Biology and Technology</i> , 63 ,	1.8	2
1	Application of linear and nonlinear mathematical programming to retrofit hydrogen networks. <i>Brazilian Journal of Chemical Engineering</i> , 1	1.7	