

Rodolfo Lopes Coppo

List of Publications by Year in descending order

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19
papers

571
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial photosynthesis: Where are we now? Where can we go?. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 25, 32-45.	11.6	158
2	Ir(III) complexes designed for light-emitting devices: beyond the luminescence color array. Dalton Transactions, 2015, 44, 14559-14573.	3.3	103
3	Determination of the Kinetics and Thermodynamics Parameters of Biodiesel Oxidation Reaction Obtained from an Optimized Mixture of Vegetable Oil and Animal Fat. Energy & Fuels, 2013, 27, 6866-6871.	5.1	67
4	Evaluation of Chromophore and Assembly Design in Light-Driven Water Splitting with a Molecular Water Oxidation Catalyst. ACS Energy Letters, 2016, 1, 231-236.	17.4	62
5	Oxidation kinetics of biodiesel from soybean mixed with synthetic antioxidants BHA, BHT and TBHQ: Determination of activation energy. Fuel Processing Technology, 2014, 127, 111-116.	7.2	47
6	Effect of Natural Antioxidants on Oxidative Stability of Biodiesel from Soybean Oil. Applying Simplex-Centroid Design. Journal of Biobased Materials and Bioenergy, 2014, 8, 545-551.	0.3	25
7	Multiresponse optimisation on biodiesel obtained through a ternary mixture of vegetable oil and animal fat: Simplex-centroid mixture design application. Energy Conversion and Management, 2014, 79, 398-404.	9.2	21
8	Experimental Design Applied for Cost and Efficiency of Antioxidants in Biodiesel. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1805-1811.	1.9	19
9	Study of oxidation kinetics of B100 biodiesel from soybean and pig fat: activation energy determination.. Quimica Nova, 2014, 37, .	0.3	11
10	Multicomponent Diffusion during Osmotic Dehydration Process in Melon Pieces: Influence of Film Coefficient. Journal of Food Processing and Preservation, 2015, 39, 329-337.	2.0	11
11	The role of layer-by-layer, compact TiO ₂ films in dye-sensitized photoelectrosynthesis cells. Sustainable Energy and Fuels, 2017, 1, 112-118.	4.9	11
12	Comparação dos métodos de determinação da estabilidade oxidativa de biodiesel B100, em mistura com antioxidantes sintéticos: aplicação do delineamento simplex-centroide com variável de processo. Quimica Nova, 2013, 36, 79-84.	0.3	8
13	Application of the simplex-centroid design with process variable in the optimization of production conditions of B100 biodiesel from sunflower oil. Acta Scientiarum - Technology, 2014, 36, 505.	0.4	8
14	Kinetic and Thermodynamic Parameters of Biodiesel Oxidation with Synthetic Antioxidants: Simplex Centroid Mixture Design. Journal of the Brazilian Chemical Society, 2014, .	0.6	5
15	Unraveling the luminescence of new heteroleptic Ir(III) cyclometalated series. Polyhedron, 2019, 163, 161-170.	2.2	5
16	FAME Storage Time in an Optimized Natural Antioxidant Mixture. Journal of Renewable Energy, 2013, 2013, 1-11.	3.6	4
17	Optimisation of the alcoholic fermentation of aqueous jerivá pulp extract. Acta Scientiarum - Technology, 2014, 36, 699-705.	0.4	3
18	Photovoltaic performances of DSCs fabricated with a screen-printable TiO ₂ -submicrosphere paste. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 332, 432-439.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Computer vision as the golden tool: mathematical models for evaluating color and storage time of hamburgers with goji berry natural additive. Food Science and Technology, 0, 42, .	1.7	0