

Marcelo Costa Santos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simulation of Organic Liquid Product Deoxygenation through Multistage Countercurrent Absorber/Stripping Using CO ₂ as Solvent with Aspen-HYSYS: Process Modeling and Simulation. <i>Molecules</i> , 2022, 27, 2211.	3.8	0
2	Process Analysis of PMMA-Based Dental Resins Residues Depolymerization: Optimization of Reaction Time and Temperature. <i>Energies</i> , 2022, 15, 91.	3.1	4
3	Avaliação técnica e ambiental da geração de energia elétrica em Salinópolis, Pará. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2022, 12, 339-351.	0.1	0
4	Catalytic Upgrading of Residual Fat Pyrolysis Vapors over Activated Carbon Pellets into Hydrocarbons-like Fuels in a Two-Stage Reactor: Analysis of Hydrocarbons Composition and Physical-Chemistry Properties. <i>Energies</i> , 2022, 15, 4587.	3.1	8
5	ANÁLISE DO PROCESSO DE PIRÓLISE DE SEMENTES DE AÇAÍ (EUTERPE OLERACEA, MART): INFLUÊNCIA DA TEMPERATURA NO RENDIMENTO DOS PRODUTOS DE REAÇÃO E NAS PROPRIEDADES FÍSICO-QUÍMICAS DO BIO-ÓLEO / PROCESS ANALYSIS OF PYROLYSE OF AÇAÍ (EUTERPE OLERACEA, MART) SEEDS: INFLUENCE OF TEMPERATURE ON THE YIELD OF REACTION PRODUCTS AND PHYSICO-CHEMICAL PROPERTIES OF BIO-OIL. <i>Brazilian Journal of Development</i> , 2021, 7, 18200-18220.	0.1	5
6	ANÁLISE DA COMPOSIÇÃO QUÍMICA DO BIO-ÓLEO PRODUZIDO VIA PIRÓLISE DE SEMENTES DE AÇAÍ (EUTERPE OLERACEA, MART) / CHEMICAL ANALYSIS OF BIO-OIL PRODUCED BY PYROLYSE OF AÇAÍ (EUTERPE) Tj ETQq0 0 rgBT /Overlock	0.1	0
7	Production of Fuel-Like Fractions by Fractional Distillation of Bio-Oil from AÇAÍ (Euterpe oleracea) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	12
8	Simulation of Organic Liquid Products Deoxygenation by Multistage Countercurrent Absorber/Stripping Using CO ₂ as Solvent with Aspen-HYSYS: Thermodynamic Data Basis and EOS Modeling. <i>Molecules</i> , 2021, 26, 4382.	3.8	1
9	Process Analysis of Main Organic Compounds Dissolved in Aqueous Phase by Hydrothermal Processing of AÇAÍ (Euterpe oleraceae, Mart.) Seeds: Influence of Process Temperature, Biomass-to-Water Ratio, and Production Scales. <i>Energies</i> , 2021, 14, 5608.	3.1	1
10	Characterization of Bio-Adsorbents Produced by Hydrothermal Carbonization of Corn Stover: Application on the Adsorption of Acetic Acid from Aqueous Solutions. <i>Energies</i> , 2021, 14, 8154.	3.1	5
11	Craqueamento termocatalítico do óleo de palma bruto em escala piloto utilizando o catalisador carbonato de cálcio. <i>Brazilian Applied Science Review</i> , 2020, 4, 1029-1039.	0.1	0
12	Caracterização de biocarvão via craqueamento térmico do lodo de esgoto em escala de bancada. <i>Brazilian Journal of Development</i> , 2020, 6, 14787-14794.	0.1	0
13	Process analysis of hydrothermal carbonization of corn Stover with subcritical H ₂ O. <i>Journal of Supercritical Fluids</i> , 2018, 136, 110-122.	3.2	19
14	Diesel-like hydrocarbon fuels by catalytic cracking of fat, oils, and grease (FOG) from grease traps. <i>Journal of the Energy Institute</i> , 2017, 90, 337-354.	5.3	22
15	Gasoline-like hydrocarbons by catalytic cracking of soap phase residue of neutralization process of palm oil (<i>Elaeis guineensis</i> Jacq). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 71, 106-119.	5.3	25
16	Deacidification of organic liquid products by fractional distillation in laboratory and pilot scales. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 127, 468-489.	5.5	16
17	Process analysis of physicochemical properties and chemical composition of organic liquid products obtained by thermochemical conversion of palm oil. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 123, 284-295.	5.5	22
18	Thermal catalytic cracking of crude palm oil at pilot scale: Effect of the percentage of Na ₂ CO ₃ on the quality of biofuels. <i>Industrial Crops and Products</i> , 2016, 91, 32-43.	5.2	48

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19	Performance of thermochemical conversion of fat, oils, and grease into kerosene-like hydrocarbons in different production scales. Journal of Analytical and Applied Pyrolysis, 2016, 120, 126-143.	5.5	29
20	Production of biofuels by thermal catalytic cracking of scum from grease traps in pilot scale. Journal of Analytical and Applied Pyrolysis, 2016, 118, 20-33.	5.5	37
21	Production and Characterization of Energy Materials with Adsorbent Properties by Hydrothermal Processing of Corn Stover with Subcritical H ₂ O. Journal of Applied Solution Chemistry and Modeling, 2016, 5, 117-130.	0.4	6
22	Investiga�o do processo de corros�o causado pela polpa de bauxita em mineroduto de a�o carbono. Revista Materia, 2015, 20, 178-184.	0.2	3
23	Fractional Distillation of Bio-Oil Produced by Pyrolysis of A�sa� (Euterpe oleracea) Seeds. , 0, , .		4