Marcelo Costa Santos

List of Publications by Year
in descending order

23	269	1040056 9	888059 17
papers	citations	h-index	g-index

23	23	23	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal catalytic cracking of crude palm oil at pilot scale: Effect of the percentage of Na2CO3 on the quality of biofuels. Industrial Crops and Products, 2016, 91, 32-43.	5.2	48
2	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
3	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
4	Gasoline-like hydrocarbons by catalytic cracking of soap phase residue of neutralization process of palm oil (Elaeis guineensis Jacq). Journal of the Taiwan Institute of Chemical Engineers, 2017, 71, 106-119.	5.3	25
5	Diesel-like hydrocarbon fuels by catalytic cracking of fat, oils, and grease (FOG) from grease traps. Journal of the Energy Institute, 2017, 90, 337-354.	5.3	22
6	Process analysis of physicochemical properties and chemical composition of organic liquid products obtained by thermochemical conversion of palm oil. Journal of Analytical and Applied Pyrolysis, 2017, 123, 284-295.	5.5	22
7	Process analysis of hydrothermal carbonization of corn Stover with subcritical H2O. Journal of Supercritical Fluids, 2018, 136, 110-122.	3.2	19
8	Deacidification of organic liquid products by fractional distillation in laboratory and pilot scales. Journal of Analytical and Applied Pyrolysis, 2017, 127, 468-489.	5.5	16
9	Production of Fuel-Like Fractions by Fractional Distillation of Bio-Oil from AÃ§aÃ-(Euterpe oleracea) Tj ETQq1 1 0.784314 rgBT /Overlo	3.1	12
10	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. Energies, 2022, 15, 4587.	3.1	8
11	Production and Characterization of Energy Materials with Adsorbent Properties by Hydrothermal Processing of Corn Stover with Subcritical H2O. Journal of Applied Solution Chemistry and Modeling, 2016, 5, 117-130.	0.4	6
12	ANÃLISE DO PROCESSO DE PIRÃ“LISE DE SEMENTES DE AÃ‡AÃ•(EUTERPE OLERACEA, MART): INFLUÃŠNCIA DA TEMPERATURA NO RENDIMENTO DOS PRODUTOS DE REAÃ‡ÃƒO E NAS PROPRIEDADES FÃSICO-QUÃMICAS DO BIO-Ã“LEO / PROCESS ANALYSIS OF PYROLISE OF AÃ‡AÃ•(EUTERPE OLERACEA, MART) SEEDS: INFLUENCE OF TEMPERATURE ON THE YIELD OF REACTION PRODUCTS AND PHYSICO-CHEMICAL PROPERTIES OF BIO-OIL. Brazilian Journal of Development, 2021, 7, 18200-18220.	0.1	5
13	Characterization of Bio-Adsorbents Produced by Hydrothermal Carbonization of Corn Stover: Application on the Adsorption of Acetic Acid from Aqueous Solutions. Energies, 2021, 14, 8154.	3.1	5
14	Fractional Distillation of Bio-Oil Produced by Pyrolysis of AÃ§aÃ-(Euterpe oleracea) Seeds. , 0, , .		4
15	Process Analysis of PMMA-Based Dental Resins Residues Depolymerization: Optimization of Reaction Time and Temperature. Energies, 2022, 15, 91.	3.1	4
16	InvestigaÃ§Ã£o do processo de corrosÃ£o causado pela polpa de bauxita em mineroduto de aÃ§o carbono. Revista Materia, 2015, 20, 178-184.	0.2	3
17	ANÃLISE DA COMPOSIÃ‡ÃƒO QUÃMICA DO BIO-Ã“LEO PRODUZIDO VIA PIRÃ“LISE DE SEMENTES DE AÃ‡AÃ• (EUTERPE OLERACEA, MART) / CHEMICAL ANALYSIS OF BIO-OIL PRODUCED BY PYROLISE OF AÃ‡AÃ•(EUTERPE) Tj ETQq1 1 0.784314 rg	0.1	3
18	Simulation of Organic Liquid Products Deoxygenation by Multistage Countercurrent Absorber/Stripping Using CO2 as Solvent with Aspen-HYSYS: Thermodynamic Data Basis and EOS Modeling. Molecules, 2021, 26, 4382.	3.8	1

#	Article	IF	Citations
19	Process Analysis of Main Organic Compounds Dissolved in Aqueous Phase by Hydrothermal Processing of AÃ§aÃ-(Euterpe oleraceae, Mart.) Seeds: Influence of Process Temperature, Biomass-to-Water Ratio, and Production Scales. Energies, 2021, 14, 5608.	3.1	1
20	Craqueamento termocatalÃ‡tico do Ã³leo de palma bruto em escala piloto utilizando o catalisador carbonato de cÃ¡lcio. Brazilian Applied Science Review, 2020, 4, 1029-1039.	0.1	0
21	CaracterizaÃ§Ã£o de biocarvÃ£o via craqueamento tÃ©rmico do lodo de esgoto em escala de bancada. Brazilian Journal of Development, 2020, 6, 14787-14794.	0.1	0
22	Simulation of Organic Liquid Product Deoxygenation through Multistage Countercurrent Absorber/Stripping Using CO2 as Solvent with Aspen-HYSYS: Process Modeling and Simulation. Molecules, 2022, 27, 2211.	3.8	0
23	AvaliaÃ§Ã£o tÃ©cnica e ambiental da geraÃ§Ã£o de energia eÃ³lica em SalinÃ³polis, ParÃ¡. Revista Ibero-americana De CiÃªncias Ambientais, 2022, 12, 339-351.	0.1	0