

MarÃ-a JesÃºs GarcÃ-a MartÃ-nez

List of Publications by Year in descending order

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36
papers

958
citations

471509

17
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic, life cycle, and environmental cost assessment of biojet fuel obtained from <i>Pinus pinaster</i> by turpentine hydrogenation. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2478-2489.	4.9	4
2	Thermochemical conversion of agricultural waste to biojet fuel. , 2022, , 27-48.		0
3	Optimized Production of Fatty Acid Ethyl Esters (FAEE) from Waste Frying Oil by Response Surface Methodology. <i>Waste and Biomass Valorization</i> , 2021, 12, 2303-2310.	3.4	12
4	Human Health Risk Assessment for Exposure to Potentially Toxic Elements in Polluted Rivers in the Ecuadorian Amazon. <i>Water (Switzerland)</i> , 2021, 13, 613.	2.7	21
5	Ecological and probabilistic human health risk assessment of heavy metal(loid)s in river sediments affected by mining activities in Ecuador. <i>Environmental Geochemistry and Health</i> , 2021, 43, 4459-4474.	3.4	16
6	Comparative life cycle assessment of conventional, electric and hybrid passenger vehicles in Spain. <i>Journal of Cleaner Production</i> , 2021, 291, 125883.	9.3	41
7	Experimental Study of Biogas/Hydrogen Mixtures Combustion in Conventional Natural Gas Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6513.	2.5	10
8	Design and Pinch Analysis of a GFT Process for Production of Biojet Fuel from Biomass and Plastics. <i>Energies</i> , 2021, 14, 6035.	3.1	6
9	La-Faujasite zeolite activated with boron trifluoride: synthesis and application as solid acid catalyst for isobutane/isobutene alkylation. <i>Applied Petrochemical Research</i> , 2021, 11, 353-362.	1.3	1
10	Biojet fuel production from oleaginous crop residues: thermoeconomic, life cycle and flight performance analysis. <i>Energy Conversion and Management</i> , 2021, 244, 114534.	9.2	12
11	Probabilistic multi-pathway human health risk assessment due to heavy metal(loid)s in a traditional gold mining area in Ecuador. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112629.	6.0	32
12	Hydrogenated Turpentine: A Biobased Component for Jet Fuel. <i>Energy & Fuels</i> , 2021, 35, 1465-1475.	5.1	20
13	A new ranking scale for assessing leaching potential pollution from abandoned mining wastes based on the Mexican official leaching test. <i>Journal of Environmental Management</i> , 2020, 273, 111139.	7.8	16
14	Multi-pathway human exposure risk assessment using Bayesian modeling at the historically largest mercury mining district. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110833.	6.0	22
15	Techno-economic and life cycle assessment of triisobutane production and its suitability as biojet fuel. <i>Applied Energy</i> , 2020, 268, 114897.	10.1	18
16	Fatty acid ethyl esters (FAEEs) obtained from grapeseed oil: A fully renewable biofuel. <i>Renewable Energy</i> , 2019, 132, 278-283.	8.9	45
17	Weighted linear models for simulation and prediction of biodegradation in diesel polluted soils. <i>Science of the Total Environment</i> , 2019, 686, 580-589.	8.0	6
18	Fatty Acid Ethyl Esters from Animal Fat Using Supercritical Ethanol Process. <i>Energy & Fuels</i> , 2018, 32, 490-496.	5.1	13

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19	Optimization of Landfarming Amendments Based on Soil Texture and Crude Oil Concentration. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	20
20	Leaching of polycyclic aromatic hydrocarbons (PAHs) from coal dumps reclaimed with apple trees: a mechanistic insight. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2695-2706.	3.4	5
21	Polycyclic Aromatic Hydrocarbons (PAHs) produced in the combustion of fatty acid alkyl esters from different feedstocks: Quantification, statistical analysis and mechanisms of formation. <i>Science of the Total Environment</i> , 2017, 586, 446-456.	8.0	20
22	Geographical variability of the composition and properties of fatty acid methyl esters from <i>Citrullus colocynthis</i> in Tunisia. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1556-1564.	2.3	2
23	Monitoring of Soil Gases in the Characterization Stage of CO ₂ Storage in Saline Aquifers and Possible Effects of CO ₂ Leakages in the Groundwater System. , 2016, , 81-95.		1
24	Biokerosene from coconut and palm kernel oils: Production and properties of their blends with fossil kerosene. <i>Fuel</i> , 2012, 102, 483-490.	6.4	71
25	Geochemical characterization of the mining district of Linares (Jaen, Spain) by means of XRF and ICP-AES. <i>Journal of Geochemical Exploration</i> , 2011, 108, 21-26.	3.2	17
26	Gestión eficiente de la evaluación continua del alumnado. La integración del trabajo de escritorio con Moodle. <i>Arbor</i> , 2011, 187, 201-206.	0.3	1
27	Boil off gas (BOG) management in Spanish liquid natural gas (LNG) terminals. <i>Applied Energy</i> , 2010, 87, 3384-3392.	10.1	66
28	Biodiesel from Waste Olive Oil: Transesterification Kinetics, Exhaust Emissions and Fuel Consumption. <i>Alliance for Global Sustainability Bookseries</i> , 2009, , 61-69.	0.2	1
29	Biodegradation of Oil Tank Bottom Sludge using Microbial Consortia. <i>Biodegradation</i> , 2007, 18, 269-281.	3.0	76
30	Natural attenuation and bioremediation of Prestige fuel oil along the Atlantic coast of Galicia (Spain). <i>Organic Geochemistry</i> , 2006, 37, 1869-1884.	1.8	59
31	Biodiesel from Jojoba oil-wax: Transesterification with methanol and properties as a fuel. <i>Biomass and Bioenergy</i> , 2006, 30, 76-81.	5.7	168
32	Photodegradation of polycyclic aromatic hydrocarbons in fossil fuels catalysed by supported TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2006, 67, 279-289.	20.2	47
33	Continuous photodegradation of naphthalene in water catalyzed by TiO ₂ supported on glass Raschig rings. <i>Chemical Engineering Journal</i> , 2005, 110, 123-128.	12.7	45
34	Kinetics of amino acid racemization (epimerization) in the dentine of fossil and modern bear teeth. <i>International Journal of Chemical Kinetics</i> , 2003, 35, 576-591.	1.6	29
35	Bear dentine aspartic acid racemization analysis: a proxy for the dating of Pleistocene cave infills. <i>Archaeometry</i> , 2002, 44, 417-426.	1.3	22
36	Geochemical evolution of amino acids in dentine of pleistocene bears. <i>Chirality</i> , 2001, 13, 517-521.	2.6	12