

# Juan FÃ©lix GonzÃ¡lez

## List of Publications by Year in descending order

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32  
papers

2,058  
citations

331670

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395702

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g-index

33  
all docs

33  
docs citations

33  
times ranked

2265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transesterification of Soybean Oil through Different Homogeneous Catalysts: Kinetic Study. Catalysts, 2022, 12, 146.	3.5	8
2	Thermogravimetry of the Steam Gasification of Calluna vulgaris: Kinetic Study. Catalysts, 2021, 11, 657.	3.5	3
3	Cultivation of Autochthonous Microalgae for Biomass Feedstock: Growth Curves and Biomass Characterization for Their Use in Biorefinery Products. Energies, 2021, 14, 4567.	3.1	6
4	Microwave Assisted Alkaline Pretreatment of Algae Waste in the Production of Cellulosic Bioethanol. Energies, 2021, 14, 5891.	3.1	7
5	Use of NaNO <sub>3</sub> /SiAl as Heterogeneous Catalyst for Fatty Acid Methyl Ester Production from Rapeseed Oil. Catalysts, 2021, 11, 1405.	3.5	5
6	Catalyzed Steam Gasification of Cistus Ladanifer Biochar. Catalysts, 2020, 10, 1430.	3.5	4
7	Biolubricants from Rapeseed and Castor Oil Transesterification by Using Titanium Isopropoxide as a Catalyst: Production and Characterization. Catalysts, 2020, 10, 366.	3.5	40
8	Biodiesel and biolubricant production from different vegetable oils through transesterification. Engineering Reports, 2020, 2, e12190.	1.7	23
9	Lanthanum Effect on Ni/Al <sub>2</sub> O <sub>3</sub> as a Catalyst Applied in Steam Reforming of Glycerol for Hydrogen Production. Processes, 2019, 7, 449.	2.8	7
10	Biodiesel Production from Castor Oil by Two-Step Catalytic Transesterification: Optimization of the Process and Economic Assessment. Catalysts, 2019, 9, 864.	3.5	21
11	Safflower Biodiesel: Improvement of its Oxidative Stability by Using BHA and TBHQ. Energies, 2019, 12, 1940.	3.1	47
12	Sunflower oil transesterification with methanol using immobilized lipase enzymes. Bioprocess and Biosystems Engineering, 2019, 42, 157-166.	3.4	25
13	Complete analysis of castor oil methanolysis to obtain biodiesel. Fuel, 2015, 147, 95-99.	6.4	44
14	Optimisation of ethanol fermentation of Jerusalem artichoke tuber juice using simple technology for a decentralised and sustainable ethanol production. Energy for Sustainable Development, 2015, 25, 34-39.	4.5	27
15	Study of the Contributions of Non-specific and Specific Interactions during Fluoxetine Adsorption onto Activated Carbons. Clean - Soil, Air, Water, 2012, 40, 698-705.	1.1	11
16	Porosity Development in Activated Carbons Prepared from Walnut Shells by Carbon Dioxide or Steam Activation. Industrial & Engineering Chemistry Research, 2009, 48, 7474-7481.	3.7	102
17	Energetic use of the tomato plant waste. Fuel Processing Technology, 2008, 89, 1193-1200.	7.2	26
18	Use of energy crops for domestic heating with a mural boiler. Fuel Processing Technology, 2006, 87, 717-726.	7.2	38

#	ARTICLE	IF	CITATIONS
19	Preparation of activated carbons from used tyres by gasification with steam and carbon dioxide. Applied Surface Science, 2006, 252, 5999-6004.	6.1	119
20	Use of almond residues for domestic heating. Study of the combustion parameters in a mural boiler. Fuel Processing Technology, 2005, 86, 1351-1368.	7.2	38
21	Pyrolysis of Almond Shells. Energy Applications of Fractions. Industrial & Engineering Chemistry Research, 2005, 44, 3003-3012.	3.7	90
22	Biodiesel from Used Frying Oil. Variables Affecting the Yields and Characteristics of the Biodiesel. Industrial & Engineering Chemistry Research, 2005, 44, 5491-5499.	3.7	419
23	Combustion optimisation of biomass residue pellets for domestic heating with a mural boiler. Biomass and Bioenergy, 2004, 27, 145-154.	5.7	136
24	Pyrolysis of cherry stones: energy uses of the different fractions and kinetic study. Journal of Analytical and Applied Pyrolysis, 2003, 67, 165-190.	5.5	112
25	Pyrolysis of automobile tyre waste. Influence of operating variables and kinetics study. Journal of Analytical and Applied Pyrolysis, 2001, 58-59, 667-683.	5.5	204
26	Catalyzed gasification of active carbon by oxygen: influence of catalyst type, temperature, oxygen partial pressure and particle size. Journal of Chemical Technology and Biotechnology, 2000, 75, 213-222.	3.2	4
27	Preparation and Properties of Biodiesel from Cynaracardunculus L. Oil. Industrial & Engineering Chemistry Research, 1999, 38, 2927-2931.	3.7	132
28	Catalyzed Pyrolysis of Grape and Olive Bagasse. Influence of Catalyst Type and Chemical Treatment. Industrial & Engineering Chemistry Research, 1997, 36, 4176-4183.	3.7	85
29	Industrial wastewater advanced oxidation. Part 1. UV radiation in the presence and absence of hydrogen peroxide. Water Research, 1997, 31, 2405-2414.	11.3	77
30	Industrial wastewater advanced oxidation. Part 2. Ozone combined with hydrogen peroxide or UV radiation. Water Research, 1997, 31, 2415-2428.	11.3	101
31	Pyrolysis of maize, sunflower, grape and tobacco residues. Journal of Chemical Technology and Biotechnology, 1997, 70, 400-410.	3.2	72
32	Combustion kinetics of agricultural wastes. Journal of Chemical Technology and Biotechnology, 1995, 64, 181-187.	3.2	17