Maria Paraschiv

List of Publications by Year
in descending order

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25 papers	475 citations	759233 12 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	590 citing authors

#	Article	IF	Citations
1	High-Grade Chemicals and Biofuels Produced from Marginal Lands Using an Integrated Approach of Alcoholic Fermentation and Pyrolysis of Sweet Sorghum Biomass Residues. Sustainability, 2022, 14, 402.	3.2	10
2	Optimization of oleaginous seeds liquefaction using response surface methodology. Biomass Conversion and Biorefinery, 2021, 11, 2655-2667.	4.6	12
3	Production of hydrogen and hydrogen-rich syngas during thermal catalytic supported cracking of waste tyres in a bench-scale fixed bed reactor. International Journal of Hydrogen Energy, 2019, 44, 11289-11302.	7.1	22
4	Used Lubricating Oil Processing for Energy Recovery. I. Applied pyrolysis. Revista De Chimie (discontinued), 2019, 70, 3527-3531.	0.4	0
5	Novel Catalytic Systems for Waste Tires Pyrolysis: Optimization of Gas Fraction. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	27
6	Catalysts' influence on thermochemical decomposition of waste tires. Environmental Progress and Sustainable Energy, 2017, 36, 1560-1567.	2.3	28
7	Impact of different catalysis supported by oyster shells on the pyrolysis of tyre wastes in a single and a double fixed bed reactor. Waste Management, 2017, 67, 288-297.	7.4	41
8	Energy and monomer recovery from polymer wastes. , 2016, , .		1
9	Study on hydrogen and hydrogen-carriers production during rubbery wastes cracking. , 2016, , .		2
10	Evaluation of biodegradation and biocompatibility of collagen/chitosan/alkaline phosphatase biopolymeric membranes. Bulletin of Materials Science, 2016, 39, 377-383.	1.7	6
11	FACTORS INFLUENCING THE THERMOCHEMICAL BEHAVIOURS OF TIRE RUBBER: PART I - INFLUENCE OF FIBER AND METAL. Environmental Engineering and Management Journal, 2016, 15, 1349-1360.	0.6	1
12	Waste tyres pyrolysis: Managing the environmental hazards of scrap tyres. , 2015, , .		0
13	New energy value chain through pyrolysis of hospital plastic waste. Applied Thermal Engineering, 2015, 87, 424-433.	6.0	44
14	Subcritical Hydrothermal Liquefaction of Microalgae Residues as a Green Route to Alternative Road Binders. ACS Sustainable Chemistry and Engineering, 2015, 3, 583-590.	6.7	43
15	Effect of Free Fatty Acids and Short Chain Alcohols on Conversion of Waste Cooking Oil to Biodiesel. International Journal of Green Energy, 2014, 11, 441-453.	3.8	6
16	Catalytic hydroliquefaction of charcoal CCB (copper, chromium and boron)-treated wood for bio-oil production: Influence of CCB salts, residence time and catalysts. Applied Energy, 2014, 115, 57-64.	10.1	13
17	Liquid hydrocarbon fuels from fish oil industrial residues by catalytic cracking. International Journal of Energy Research, 2013, 37, 1036-1043.	4.5	18
18	Slow pyrolysis of CCB-treated wood for energy recovery: Influence of chromium, copper and boron on pyrolysis process and optimization. Journal of Analytical and Applied Pyrolysis, 2013, 104, 210-217.	5.5	16

#	Article	IF	Citations
19	Biodiesel production from biomass gasification tar via thermal/catalytic cracking. Fuel Processing Technology, 2013, 106, 776-783.	7.2	49
20	Optimization of biodiesel production from animal fat residue in wastewater using response surface methodology. Bioresource Technology, 2013, 129, 315-320.	9.6	34
21	Combination of pyrolysis and hydroliquefaction of CCB-treated wood for energy recovery: Optimization and products characterization. Bioresource Technology, 2012, 118, 315-322.	9.6	5
22	BIODIESEL ELABORATION FROM MUNICIPAL FAT WASTES. Environmental Engineering and Management Journal, 2010, 9, 1347-1350.	0.6	2
23	LIQUID FUEL RECOVERY THROUGH PYROLYSIS OF POLYETHYLENE WASTE. Environmental Engineering and Management Journal, 2010, 9, 1371-1374.	0.6	4
24	Numerical investigation of the partial oxidation in a two-stage downdraft gasifier. Fuel, 2008, 87, 1383-1393.	6.4	91
25	Experimental Investigation on the Supercritical Rapeseed Methanolysis for Biofuel Production: Effects of the Operating Conditions on the Bio-oil Viscosity. Bioenergy Research, 0, , 1.	3.9	0