

Maria Paraschiv

List of Publications by Year in descending order

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Version: 2024-02-01

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	Numerical investigation of the partial oxidation in a two-stage downdraft gasifier. <i>Fuel</i> , 2008, 87, 1383-1393.	6.4	91
2	Biodiesel production from biomass gasification tar via thermal/catalytic cracking. <i>Fuel Processing Technology</i> , 2013, 106, 776-783.	7.2	49
3	New energy value chain through pyrolysis of hospital plastic waste. <i>Applied Thermal Engineering</i> , 2015, 87, 424-433.	6.0	44
4	Subcritical Hydrothermal Liquefaction of Microalgae Residues as a Green Route to Alternative Road Binders. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 583-590.	6.7	43
5	Impact of different catalysis supported by oyster shells on the pyrolysis of tyre wastes in a single and a double fixed bed reactor. <i>Waste Management</i> , 2017, 67, 288-297.	7.4	41
6	Optimization of biodiesel production from animal fat residue in wastewater using response surface methodology. <i>Bioresource Technology</i> , 2013, 129, 315-320.	9.6	34
7	Catalysts' influence on thermochemical decomposition of waste tires. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1560-1567.	2.3	28
8	Novel Catalytic Systems for Waste Tires Pyrolysis: Optimization of Gas Fraction. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2017, 139, .	2.3	27
9	Production of hydrogen and hydrogen-rich syngas during thermal catalytic supported cracking of waste tyres in a bench-scale fixed bed reactor. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 11289-11302.	7.1	22
10	Liquid hydrocarbon fuels from fish oil industrial residues by catalytic cracking. <i>International Journal of Energy Research</i> , 2013, 37, 1036-1043.	4.5	18
11	Slow pyrolysis of CCB-treated wood for energy recovery: Influence of chromium, copper and boron on pyrolysis process and optimization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 210-217.	5.5	16
12	Catalytic hydroliquefaction of charcoal CCB (copper, chromium and boron)-treated wood for bio-oil production: Influence of CCB salts, residence time and catalysts. <i>Applied Energy</i> , 2014, 115, 57-64.	10.1	13
13	Optimization of oleaginous seeds liquefaction using response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2655-2667.	4.6	12
14	High-Grade Chemicals and Biofuels Produced from Marginal Lands Using an Integrated Approach of Alcoholic Fermentation and Pyrolysis of Sweet Sorghum Biomass Residues. <i>Sustainability</i> , 2022, 14, 402.	3.2	10
15	Effect of Free Fatty Acids and Short Chain Alcohols on Conversion of Waste Cooking Oil to Biodiesel. <i>International Journal of Green Energy</i> , 2014, 11, 441-453.	3.8	6
16	Evaluation of biodegradation and biocompatibility of collagen/chitosan/alkaline phosphatase biopolymeric membranes. <i>Bulletin of Materials Science</i> , 2016, 39, 377-383.	1.7	6
17	Combination of pyrolysis and hydroliquefaction of CCB-treated wood for energy recovery: Optimization and products characterization. <i>Bioresource Technology</i> , 2012, 118, 315-322.	9.6	5
18	LIQUID FUEL RECOVERY THROUGH PYROLYSIS OF POLYETHYLENE WASTE. <i>Environmental Engineering and Management Journal</i> , 2010, 9, 1371-1374.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Study on hydrogen and hydrogen-carriers production during rubbery wastes cracking. , 2016, , .		2
20	BIODIESEL ELABORATION FROM MUNICIPAL FAT WASTES. Environmental Engineering and Management Journal, 2010, 9, 1347-1350.	0.6	2
21	Energy and monomer recovery from polymer wastes. , 2016, , .		1
22	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
23	Waste tyres pyrolysis: Managing the environmental hazards of scrap tyres. , 2015, , .		0
24	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
25	Used Lubricating Oil Processing for Energy Recovery. I. Applied pyrolysis. Revista De Chimie (discontinued), 2019, 70, 3527-3531.	0.4	0