

Mejdi Jeguirim

List of Publications by Year in descending order

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167
papers

5,770
citations

57631

44
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98622

67
g-index

171
all docs

171
docs citations

171
times ranked

5319
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass steam gasification kinetics: relative impact of char physical properties vs. inorganic composition. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 3475-3490.	2.9	6
2	Production of a biofertilizer from exhausted grape marc waste: agronomic and environmental impact on plant growth. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5605-5618.	2.9	6
3	Environmental applications of tomato processing by-products. , 2022, , 231-284.		0
4	Thermochemical conversion of tomato wastes. , 2022, , 285-332.		1
5	Biofuels production: Biogas, biodiesel and bioethanol from tomato wastes. , 2022, , 333-370.		0
6	Estimation of solar irradiation and optimum tilt angles for south-facing surfaces in the United Arab Emirates: a case study using PVGIS and PVWatts. , 2022, , 3-39.		5
7	Valorization of salt post-modified poultry manure biochars for phosphorus recovery from aqueous solutions: investigations on adsorption properties and involved mechanism. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 4333-4348.	2.9	12
8	Recent advancements on biochars enrichment with ammonium and nitrates from wastewaters: A critical review on benefits for environment and agriculture. <i>Journal of Environmental Management</i> , 2022, 305, 114368.	3.8	29
9	Olive Mill by-Products Thermochemical Conversion via Hydrothermal Carbonization and Slow Pyrolysis: Detailed Comparison between the Generated Hydrochars and Biochars Characteristics. <i>Processes</i> , 2022, 10, 231.	1.3	13
10	The dairy biorefinery: Integrating treatment process for Tunisian cheese whey valorization. <i>Chemosphere</i> , 2022, 293, 133567.	4.2	10
11	Geochemical Modelling of Inorganic Nutrients Leaching from an Agricultural Soil Amended with Olive-Mill Waste Biochar. <i>Agronomy</i> , 2022, 12, 480.	1.3	2
12	Competitive bio-sorption of basic dyes onto petiole palm tree wastes in single and binary systems. <i>Comptes Rendus Chimie</i> , 2022, 25, 27-41.	0.2	1
13	Investigations on potential Tunisian biomasses energetic valorization: thermogravimetric characterization and kinetic degradation analysis. <i>Comptes Rendus Chimie</i> , 2022, 25, 81-92.	0.2	5
14	An overview of renewable energy strategies and policies in Palestine: Strengths and challenges. <i>Energy for Sustainable Development</i> , 2022, 68, 258-272.	2.0	17
15	Sustainable renewable energy policies and regulations, recent advances, and challenges. , 2022, , 449-465.		1
16	Green pellets production and applications in energy sector. , 2022, , 139-185.		1
17	Lead removal from aqueous solutions by olive mill wastes derived biochar: Batch experiments and geochemical modelling. <i>Journal of Environmental Management</i> , 2022, 318, 115562.	3.8	14
18	Conversion of Industrial Sludge into Activated Biochar for Effective Cationic Dye Removal: Characterization and Adsorption Properties Assessment. <i>Water (Switzerland)</i> , 2022, 14, 2206.	1.2	4

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19	Optimization of hybrid treatment of olive mill wastewaters through impregnation onto raw cypress sawdust and electrocoagulation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24470-24485.	2.7	15
20	Thermal conversion of flax shives through slow pyrolysis process: in-depth biochar characterization and future potential use. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 325-337.	2.9	30
21	Role of inorganics on the biomass char gasification reactivity: A review involving reaction mechanisms and kinetics models. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110136.	8.2	54
22	Application of olive mill waste-based biochars in agriculture: Impact on soil properties, enzymatic activities and tomato growth. <i>Science of the Total Environment</i> , 2021, 755, 142531.	3.9	58
23	Olive Mill Wastes in the Mediterranean: An Initial Assessment of Organic Matter and Nutrients of Agricultural Value. <i>Environmental Science and Engineering</i> , 2021, , 1097-1101.	0.1	2
24	Biochar production from Cypress sawdust and olive mill wastewater: Agronomic approach. <i>Science of the Total Environment</i> , 2021, 752, 141713.	3.9	36
25	Use of Lignite as a Low-Cost Material for Cadmium and Copper Removal from Aqueous Solutions: Assessment of Adsorption Characteristics and Exploration of Involved Mechanisms. <i>Water (Switzerland)</i> , 2021, 13, 164.	1.2	25
26	Static and Dynamic Investigations on Leaching/Retention of Nutrients from Raw Poultry Manure Biochars and Amended Agricultural Soil. <i>Sustainability</i> , 2021, 13, 1212.	1.6	8
27	Wastewater Treatment, Valorization, and Reuse. <i>Water (Switzerland)</i> , 2021, 13, 548.	1.2	4
28	Investigations on lignite use for lead removal from aqueous solutions under static and dynamic conditions: adsorption properties and mechanism exploration. <i>Comptes Rendus Chimie</i> , 2021, 24, 7-22.	0.2	6
29	Investigations on Biogas Recovery from Anaerobic Digestion of Raw Sludge and Its Mixture with Agri-Food Wastes: Application to the Largest Industrial Estate in Oman. <i>Sustainability</i> , 2021, 13, 3698.	1.6	10
30	Optimization of a cationic dye desorption from a loaded-lignocellulosic biomass: factorial design experiments and investigation of mechanisms. <i>Comptes Rendus Chimie</i> , 2021, 24, 71-84.	0.2	7
31	Towards Sustainable Energy Retrofitting, a Simulation for Potential Energy Use Reduction in Residential Buildings in Palestine. <i>Energies</i> , 2021, 14, 3876.	1.6	29
32	Sludge-derived biochars: A review on the influence of synthesis conditions on pollutants removal efficiency from wastewaters. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 144, 111068.	8.2	72
33	Sea Level Rise Mitigation by Global Sea Water Desalination Using Renewable-Energy-Powered Plants. <i>Sustainability</i> , 2021, 13, 9552.	1.6	10
34	Preparedness Plan for the Water Supply Infrastructure during Water Terrorism—A Case Study from Irbid, Jordan. <i>Water (Switzerland)</i> , 2021, 13, 2887.	1.2	3
35	Crisis in leadership vs waste management. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	39
36	Waste Strategies Development in the Framework of Circular Economy. <i>Sustainability</i> , 2021, 13, 13467.	1.6	16

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37	Olive mill wastewater: From a pollutant to green fuels, agricultural water source and bio-fertilizer. Biofuel production. <i>Renewable Energy</i> , 2020, 149, 716-724.	4.3	28
38	Kenaf stems: Thermal characterization and conversion for biofuel and biochar production. <i>Fuel</i> , 2020, 262, 116654.	3.4	43
39	Potential for Production of Biochar-Based Fertilizers from Olive Mill Waste in Mediterranean Basin Countries: An Initial Assessment for Spain, Tunisia, and Greece. <i>Sustainability</i> , 2020, 12, 6081.	1.6	24
40	Towards understanding the role of K during biomass steam gasification. <i>Fuel</i> , 2020, 282, 118806.	3.4	32
41	Nutrient retention and release from raw exhausted grape marc biochars and an amended agricultural soil: Static and dynamic investigation. <i>Environmental Technology and Innovation</i> , 2020, 19, 100885.	3.0	16
42	Olive mill wastewater: From a pollutant to green fuels, agricultural and water source and bio-fertilizer " Hydrothermal carbonization. <i>Science of the Total Environment</i> , 2020, 733, 139314.	3.9	58
43	Combustion of raw and densified Tunisian oleic by-products in a fixed bed reactor. <i>Fuel</i> , 2020, 277, 118181.	3.4	6
44	Briquettes Production from Olive Mill Waste under Optimal Temperature and Pressure Conditions: Physico-Chemical and Mechanical Characterizations. <i>Energies</i> , 2020, 13, 1214.	1.6	14
45	Physico-chemical properties of hydrochars produced from raw olive pomace using olive mill wastewater as moisture source. <i>Comptes Rendus Chimie</i> , 2020, 23, 635-652.	0.2	5
46	Sustainable Biomass Resources for Environmental, Agronomic, Biomaterials and Energy Applications 1. <i>Comptes Rendus Chimie</i> , 2020, 23, 583-587.	0.2	3
47	Hydrochars production, characterization and application for wastewater treatment: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 127, 109882.	8.2	122
48	Orange and Potato Peels derived Biochars: Production, Characterization and Potential Applications. , 2020, , .		0
49	Biochar production from grape marc, kenaf stems and flax shives: Effect of temperature on textural and physicochemical properties. , 2019, , .		1
50	Pyrolysis Process as a Sustainable Management Option of Poultry Manure: Characterization of the Derived Biochars and Assessment of their Nutrient Release Capacities. <i>Water (Switzerland)</i> , 2019, 11, 2271.	1.2	27
51	Olive oil by-products : From harmful waste to interesting carbonaceous materials : Hydrothermal conversion of olive oil by-products into carbon rich chars. , 2019, , .		1
52	Comparative study of the CH ₄ /CO ₂ adsorption selectivity of activated carbons for biogas upgrading. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103368.	3.3	36
53	Dynamics and Kinetics of Cupric Ion Removal from Wastewaters by Tunisian Solid Crude Olive-Oil Waste. <i>Materials</i> , 2019, 12, 365.	1.3	13
54	Elaboration of alumina-based materials by solution combustion synthesis: A review. <i>Comptes Rendus Chimie</i> , 2019, 22, 206-219.	0.2	20

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55	Assessment of energy potential of date palm residues in Khairpur district, Pakistan. <i>Biofuels</i> , 2019, , 1-8.	1.4	9
56	Activated Carbon/Transition Metal (Ni, In, Cu) Hexacyanoferrate Nanocomposites for Cesium Adsorption. <i>Materials</i> , 2019, 12, 1253.	1.3	33
57	Olive Mill Wastewater: From a Pollutant to Green Fuels, Agricultural Water Source, and Bio-Fertilizer. Part 2: Water Recovery. <i>Water (Switzerland)</i> , 2019, 11, 768.	1.2	46
58	Tunisian tomato waste pyrolysis: thermogravimetry analysis and kinetic study. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35435-35444.	2.7	16
59	The use of exhausted grape marc to produce biofuels and biofertilizers: Effect of pyrolysis temperatures on biochars properties. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 107, 425-433.	8.2	68
60	Biomass feedstocks. , 2019, , 1-38.		5
61	Characterization of biomass-derived chars. , 2019, , 69-108.		7
62	Char combustion. , 2019, , 147-185.		1
63	Char gasification. , 2019, , 187-228.		0
64	Biomass-derived chars used as adsorbents for liquid and gaseous effluents treatment. , 2019, , 229-290.		4
65	Sustainability assessment for biomass-derived char production and applications. , 2019, , 447-479.		3
66	The Application of Analytical Hierarchy Process in Combination with PESTEL-SWOT Analysis to Assess the Hydrocarbons Sector in Cyprus. <i>Energies</i> , 2019, 12, 791.	1.6	45
67	Influence of CO ₂ Concentration and Inorganic Species on the Gasification of Lignocellulosic Biomass Derived Chars. <i>Waste and Biomass Valorization</i> , 2019, 10, 3745-3752.	1.8	13
68	Biomass Chars: Elaboration, Characterization and Applications II. <i>Energies</i> , 2019, 12, 384.	1.6	4
69	Biomass derived chars for energy applications. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 108, 253-273.	8.2	90
70	Tomato-Processing By-Product Combustion: Thermal and Kinetic Analyses. <i>Materials</i> , 2019, 12, 553.	1.3	19
71	The Heat Treatment Severity Index: A new metric correlated to the properties of biochars obtained from entrained flow pyrolysis of biomass. <i>Fuel</i> , 2019, 244, 61-68.	3.4	16
72	Removal of fluoride from groundwater using natural clay (kaolinite): Optimization of adsorption conditions. <i>Comptes Rendus Chimie</i> , 2019, 22, 105-112.	0.2	100

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73	Adsorption/reduction of nitrogen dioxide on activated carbons: Textural properties versus surface chemistry – A review. <i>Chemical Engineering Journal</i> , 2018, 347, 493-504.	6.6	81
74	Effectiveness Use of Olive Mill Wastewaters as Impregnator Agent for the Production of Biochars from Cypress Sawdust: Chemical Characterization and Effects on a Plant Growth. <i>Advances in Science, Technology and Innovation</i> , 2018, , 1471-1473.	0.2	0
75	Fast pyrolysis and steam gasification of pellets prepared from olive oil mill residues. <i>Energy</i> , 2018, 150, 61-68.	4.5	35
76	Investigations on phosphorus recovery from aqueous solutions by biochars derived from magnesium-pretreated cypress sawdust. <i>Journal of Environmental Management</i> , 2018, 216, 305-314.	3.8	84
77	Strategies for bioenergy production from agriculture and agrifood processing residues. <i>Biofuels</i> , 2018, 9, 541-543.	1.4	12
78	CO ₂ and CH ₄ Adsorption Behavior of Biomass-Based Activated Carbons. <i>Energies</i> , 2018, 11, 3136.	1.6	28
79	The Influence of Char Preparation and Biomass Type on Char Steam Gasification Kinetics. <i>Energies</i> , 2018, 11, 2126.	1.6	10
80	Experimental Determination of the CH ₄ and CO ₂ Pure Gas Adsorption Isotherms on Different Activated Carbons. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3027-3034.	1.0	14
81	Pyrolysis of Grape Marc from Tunisian Wine Industry: Feedstock Characterization, Thermal Degradation and Kinetic Analysis. <i>Energies</i> , 2018, 11, 730.	1.6	46
82	Factors Influencing NO ₂ Adsorption/Reduction on Microporous Activated Carbon: Porosity vs. Surface Chemistry. <i>Materials</i> , 2018, 11, 622.	1.3	16
83	Cyprus energy resources and their potential to increase sustainability. , 2018, , .		4
84	Carbonaceous adsorbents derived from textile cotton waste for the removal of Alizarin S dye from aqueous effluent: kinetic and equilibrium studies. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10041-10055.	2.7	55
85	Process engineering for pollution control and waste minimization. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9827-9830.	2.7	3
86	New insights on the structural evolution of biomass char upon pyrolysis as revealed by the Raman spectroscopy and elemental analysis. <i>Carbon</i> , 2017, 119, 519-521.	5.4	203
87	Combined NMR structural characterization and thermogravimetric analyses for the assessment of the AAEM effect during lignocellulosic biomass pyrolysis. <i>Energy</i> , 2017, 134, 10-23.	4.5	61
88	Pyrolysis of Olive Pomace: Degradation Kinetics, Gaseous Analysis and Char Characterization. <i>Waste and Biomass Valorization</i> , 2017, 8, 1689-1697.	1.8	35
89	The relationship between mineral contents, particle matter and bottom ash distribution during pellet combustion: molar balance and chemometric analysis. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9927-9939.	2.7	16
90	Utilization of Torrefied Coffee Grounds as Reinforcing Agent To Produce High-Quality Biodegradable PBAT Composites for Food Packaging Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1906-1916.	3.2	132

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91	Glycerol steam reforming for hydrogen and synthesis gas production. International Journal of Hydrogen Energy, 2017, 42, 12896-12904.	3.8	31
92	Olive Mill Wastewater: From a Pollutant to Green Fuels, Agricultural Water Source and Biofertilizer. ACS Sustainable Chemistry and Engineering, 2017, 5, 8988-8996.	3.2	59
93	Thermochemical conversion of waste tyres—a review. Environmental Science and Pollution Research, 2017, 24, 9962-9992.	2.7	99
94	Amoxicillin removal from aqueous solution using activated carbon prepared by chemical activation of olive stone. Environmental Science and Pollution Research, 2017, 24, 9993-10004.	2.7	86
95	Production and characterization of bio-oil from the pyrolysis of waste frying oil. Environmental Science and Pollution Research, 2017, 24, 9951-9961.	2.7	51
96	Energy recovery from waste glycerol by utilizing thermal water vapor plasma. Environmental Science and Pollution Research, 2017, 24, 10030-10040.	2.7	18
97	Energy applications of coffee processing by-products. , 2017, , 323-367.		9
98	Environmental applications of coffee processing by-products. , 2017, , 245-297.		4
99	The Potential of Thermal Plasma Gasification of Olive Pomace Charcoal. Energies, 2017, 10, 710.	1.6	33
100	Biomass Chars: The Effects of Pyrolysis Conditions on Their Morphology, Structure, Chemical Properties and Reactivity. Energies, 2017, 10, 796.	1.6	128
101	Numerical Modeling of Oxygen Carrier Performances (NiO/NiAl ₂ O ₄) for Chemical-Looping Combustion. Energies, 2017, 10, 864.	1.6	5
102	Green Carbon Composite-Derived Polymer Resin and Waste Cotton Fibers for the Removal of Alizarin Red S Dye. Energies, 2017, 10, 1321.	1.6	18
103	Olive Mill Wastewater: From a Pollutant to Green Fuels, Agricultural Water Source and Bio-Fertilizer—Part 1. The Drying Kinetics. Energies, 2017, 10, 1423.	1.6	23
104	The Potential of Activated Carbon Made of Agro-Industrial Residues in NO _x Immissions Abatement. Energies, 2017, 10, 1508.	1.6	39
105	Biomass Chars: Elaboration, Characterization and Applications. Energies, 2017, 10, 2040.	1.6	8
106	Characterization of coffee residues pellets and their performance in a residential combustor. International Journal of Green Energy, 2016, 13, 608-615.	2.1	25
107	Energy recovery from Tunisian agri-food wastes: Evaluation of combustion performance and emissions characteristics of green pellets prepared from tomato residues and grape marc. Energy, 2016, 107, 409-418.	4.5	60
108	Valorization of cotton waste generated from the Tunisian textile industry through the production of adsorbents carbonaceous materials. , 2016, , .		0

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109	Thermal degradation kinetics and mechanisms of <i>Posidonia Oceanica</i> under inert and oxidative atmospheres. <i>International Journal of Green Energy</i> , 2016, 13, 665-671.	2.1	3
110	Combustion characteristics and kinetics of torrefied olive pomace. <i>Energy</i> , 2016, 107, 453-463.	4.5	49
111	Kinetic analysis of thermal decomposition of date palm residues using Coats-Redfern method. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1117-1124.	1.2	29
112	Biomass char gasification by H ₂ O, CO ₂ and their mixture: Evolution of chemical, textural and structural properties of the chars. <i>Energy</i> , 2016, 112, 133-145.	4.5	128
113	CO ₂ gasification of woody biomass chars: The influence of Al and Si on char reactivity. <i>Comptes Rendus Chimie</i> , 2016, 19, 457-465.	0.2	81
114	Simulation of the fast pyrolysis of Tunisian biomass feedstocks for bio-fuel production. <i>Comptes Rendus Chimie</i> , 2016, 19, 466-474.	0.2	19
115	International Renewable Energy Congress 2015: Focus on biomass energy, environment and sustainable development. <i>Comptes Rendus Chimie</i> , 2016, 19, 419-422.	0.2	0
116	Characterization of the liquid products obtained from Tunisian waste fish fats using the pyrolysis process. <i>Fuel Processing Technology</i> , 2015, 138, 404-412.	3.7	55
117	Thermogravimetric study on the influence of structural, textural and chemical properties of biomass chars on CO ₂ gasification reactivity. <i>Energy</i> , 2015, 88, 703-710.	4.5	119
118	The effects of textural modifications on beech wood-char gasification rate under alternate atmospheres of CO ₂ and H ₂ O. <i>Fuel Processing Technology</i> , 2015, 138, 687-694.	3.7	8
119	Simulation of biofuel production via fast pyrolysis of palm oil residues. <i>Fuel</i> , 2015, 159, 819-827.	3.4	41
120	Performance of a household boiler fed with agropellets blended from olive mill solid waste and pine sawdust. <i>Fuel</i> , 2015, 153, 431-436.	3.4	31
121	Performance and emissions characteristics of compressed spent coffee ground/wood chip logs in a residential stove. <i>Energy for Sustainable Development</i> , 2015, 28, 52-59.	2.0	32
122	Activated carbon prepared by physical activation of olive stones for the removal of NO ₂ at ambient temperature. <i>Comptes Rendus Chimie</i> , 2015, 18, 63-74.	0.2	103
123	Modelling and Optimisation in Chemical and Biological Engineering: Application to Wastewater and Gas Treatment. <i>International Journal of Chemical Reactor Engineering</i> , 2014, 12, 669-669.	0.6	0
124	Impregnation of olive mill wastewater on dry biomasses: Impact on chemical properties and combustion performances. <i>Energy</i> , 2014, 78, 479-489.	4.5	40
125	Activated Carbon Prepared from Date Pits for the Retention of NO ₂ at Low Temperature. <i>International Journal of Chemical Reactor Engineering</i> , 2014, 12, 717-726.	0.6	14
126	Comparison of NO ₂ removal using date pits activated carbon and modified commercialized activated carbon via different preparation methods: Effect of porosity and surface chemistry. <i>Chemical Engineering Journal</i> , 2014, 253, 121-129.	6.6	53

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127	Thermal characterization and pyrolysis kinetics of tropical biomass feedstocks for energy recovery. <i>Energy for Sustainable Development</i> , 2014, 23, 188-193.	2.0	61
128	Devolatilization behavior and pyrolysis kinetics of potential Tunisian biomass fuels. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 1452-1458.	1.3	36
129	Biosorption performance, combustion behavior, and leaching characteristics of olive solid waste during the removal of copper and nickel from aqueous solutions. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 979-986.	2.1	43
130	Evaluation of date palm residues combustion in fixed bed laboratory reactor: A comparison with sawdust behaviour. <i>Renewable Energy</i> , 2014, 62, 209-215.	4.3	18
131	Pyrolysis kinetics and physicochemical properties of agropellets produced from spent ground coffee blended with conventional biomass. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1876-1882.	2.7	53
132	Diesel soot oxidation by nitrogen dioxide, oxygen and water under engine exhaust conditions: Kinetics data related to the reaction mechanism. <i>Comptes Rendus Chimie</i> , 2014, 17, 672-680.	0.2	50
133	Physico-chemical properties and thermal degradation characteristics of agropellets from olive mill by-products/sawdust blends. <i>Fuel Processing Technology</i> , 2014, 126, 215-221.	3.7	30
134	EQUILIBRIUM MODELLING OF COPPER IONS BIOSORPTION BY DATE STONES AND PALM-TREES WASTE. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 653-662.	0.2	2
135	Experimental investigation on gaseous emissions from the combustion of date palm residues in laboratory scale furnace. <i>Bioresource Technology</i> , 2013, 131, 94-100.	4.8	14
136	Energy recovery of date palm residues in a domestic pellet boiler. <i>Fuel Processing Technology</i> , 2013, 112, 12-18.	3.7	36
137	The use of Petri nets and a two-zone model for fire scene reconstruction. <i>Fire Safety Journal</i> , 2013, 55, 139-151.	1.4	3
138	Gaseous products and particulate matter emissions of biomass residential boiler fired with spent coffee grounds pellets. <i>Fuel</i> , 2013, 107, 323-329.	3.4	133
139	SCHEMA-SI: A hybrid fire safety engineering tool Part II: Case study. <i>Fire Safety Journal</i> , 2013, 58, 58-64.	1.4	5
140	SCHEMA-SI: A Hybrid fire safety engineering tool-Part I: Tool theoretical basis. <i>Fire Safety Journal</i> , 2013, 58, 132-141.	1.4	4
141	CeO ₂ catalytic activity for soot oxidation under NO/O ₂ in loose and tight contact. <i>Catalysis Today</i> , 2012, 189, 65-69.	2.2	48
142	Study on the thermal behavior of different date palm residues: Characterization and devolatilization kinetics under inert and oxidative atmospheres. <i>Energy</i> , 2012, 44, 702-709.	4.5	101
143	Energetic valorisation of olive mill wastewater impregnated on low cost absorbent: Sawdust versus olive solid waste. <i>Energy</i> , 2012, 39, 74-81.	4.5	44
144	A new valorisation strategy of olive mill wastewater: Impregnation on sawdust and combustion. <i>Resources, Conservation and Recycling</i> , 2012, 59, 4-8.	5.3	44

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145	Measurement of Gaseous and Particulate Pollutants during Combustion of Date Palm Wastes for Energy Recovery. <i>Aerosol and Air Quality Research</i> , 2012, 12, 814-825.	0.9	28
146	Biosorption of copper from aqueous solutions by date stones and palm-trees waste. <i>Environmental Chemistry Letters</i> , 2011, 9, 65-69.	8.3	37
147	Thermal degradation of <i>Miscanthus</i> pellets: kinetics and aerosols characterization. <i>Waste and Biomass Valorization</i> , 2011, 2, 149-155.	1.8	45
148	Biosorption of basic dye from aqueous solutions by Date Stones and Palm-Trees Waste: Kinetic, equilibrium and thermodynamic studies. <i>Desalination</i> , 2011, 271, 80-87.	4.0	165
149	Numerical study of radiative heat transfer effects on a complex configuration of rack storage fire. <i>Energy</i> , 2011, 36, 2984-2996.	4.5	25
150	Study on the emission mechanism during devolatilization/char oxidation and direct oxidation of olive solid waste in a fixed bed reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 87, 168-174.	2.6	42
151	Study of experimental and theoretical procedures when using thermogravimetric analysis to determine kinetic parameters of carbon black oxidation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 837-849.	2.0	31
152	Ruthenium and platinum catalyzed carbon oxidation: A comparative kinetic study. <i>Applied Catalysis B: Environmental</i> , 2010, 96, 34-40.	10.8	16
153	Thermal degradation of olive solid waste: Influence of particle size and oxygen concentration. <i>Resources, Conservation and Recycling</i> , 2010, 54, 271-277.	5.3	91
154	Combined process for the treatment of olive oil mill wastewater: Absorption on sawdust and combustion of the impregnated sawdust. <i>Bioresource Technology</i> , 2010, 101, 6962-6971.	4.8	50
155	Modeling of NO _x adsorption-desorption-reduction cycles on a ruthenium loaded Na ⁺ Y zeolite. <i>Applied Catalysis B: Environmental</i> , 2010, 97, 13-20.	10.8	9
156	Thermogravimetric analysis and emission characteristics of two energy crops in air atmosphere: <i>Arundo donax</i> and <i>Miscanthus giganteus</i> . <i>Bioresource Technology</i> , 2010, 101, 788-793.	4.8	102
157	Devolatilization Kinetics of <i>Miscanthus</i> Straw from Thermogravimetric Analysis. <i>International Journal of Green Energy</i> , 2010, 7, 164-173.	2.1	43
158	Mechanistic Study of Carbon Oxidation with NO ₂ and O ₂ in the Presence of a Ru/Na ⁺ Y Catalyst. <i>Chemical Engineering and Technology</i> , 2009, 32, 830-834.	0.9	13
159	Kinetics and mechanism of the oxidation of carbon by NO ₂ in the presence of water vapor. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 236-244.	1.0	14
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