

# Margarida Gonçalves

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,222  
citations

331670

21  
h-index

395702

33  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gypsum Mortars with Acacia dealbata Biomass Waste Additions: Effect of Different Fractions and Contents. Buildings, 2022, 12, 339.	3.1	6
2	Impact of Portuguese propolis on keratinocyte proliferation, migration and <sc>ROS</sc> protection: Significance for applications in skin products. International Journal of Cosmetic Science, 2022, 44, 333-342.	2.6	3
3	Characterization of hydrochar and process water from the hydrothermal carbonization of Refuse Derived Fuel. Waste Management, 2021, 120, 303-313.	7.4	25
4	Aquaculture wastewater treatment through microalgal. Biomass potential applications on animal feed, agriculture, and energy. Journal of Environmental Management, 2021, 286, 112187.	7.8	60
5	Effects of dry and hydrothermal carbonisation on the properties of solid recovered fuels from construction and municipal solid wastes. Energy Conversion and Management, 2021, 237, 114101.	9.2	13
6	Integrated Treatment of Pig Production Wastewaters Using Pre-treatment with Biomass Ash and Bioremediation by Microalgae. Acta Scientific Agriculture, 2021, 5, 44-57.	0.2	5
7	A circular approach for landfill leachate treatment: Chemical precipitation with biomass ash followed by bioremediation through microalgae. Journal of Environmental Chemical Engineering, 2021, 9, 105187.	6.7	31
8	Bioremediation of cattle manure using microalgae after pre-treatment with biomass ash. Bioresource Technology Reports, 2021, 14, 100681.	2.7	7
9	Techno-economic study for a gasification plant processing residues of sewage sludge and solid recovered fuels. Waste Management, 2021, 131, 148-162.	7.4	25
10	Experimental Assessment of the Performance and Emissions of a Spark-Ignition Engine Using Waste-Derived Biofuels as Additives. Energies, 2021, 14, 5209.	3.1	3
11	Performance of binary and ternary blends of gasoline, pyrogasoline and ethanol in spark ignition engines. Progress in Industrial Ecology, 2021, 1, 1.	0.2	1
12	Evaluation of microalgae as bioremediation agent for poultry effluent and biostimulant for germination. Environmental Technology and Innovation, 2021, 24, 102048.	6.1	13
13	Optimization of Biochar Production by Co-Torrefaction of Microalgae and Lignocellulosic Biomass Using Response Surface Methodology. Energies, 2021, 14, 7330.	3.1	11
14	Performance and Emissions of a Spark Ignition Engine Operated with Gasoline Supplemented with Pyrogasoline and Ethanol. Energies, 2020, 13, 4671.	3.1	3
15	Energy Recovery via Thermal Gasification from Waste Insulation Electrical Cables (WIEC). Applied Sciences (Switzerland), 2020, 10, 8253.	2.5	5
16	Insights for the Valorization of Biomass from Portuguese Invasive Acacia spp. in a Biorefinery Perspective. Forests, 2020, 11, 1342.	2.1	22
17	Attenuation of Colonic Injury and Inflammation by Administration of a Phenolic Extract of Summer Savory (Satureja hortensis L.) in Experimental Inflammatory Bowel Disease in Mice. Applied Sciences (Switzerland), 2020, 10, 8465.	2.5	2
18	Gasification of pellets produced from blends of biomass wastes and refuse derived fuel chars. Renewable Energy, 2020, 154, 1294-1303.	8.9	27

#	ARTICLE	IF	CITATIONS
19	Potential Application of Propolis Extracts to Control the Growth of <i>Stemphylium vesicarium</i> in Açorçoaã€•Pear. <i>Applied Sciences</i> (Switzerland), 2020, 10, 1990.	2.5	13
20	Characterization of Municipal, Construction and Demolition Wastes for Energy Production Through Gasification - A Case Study for a Portuguese Waste Management Company. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 619-625.	0.4	0
21	A Brief Assessment on the Application of Torrefaction and Carbonization for Refuse Derived Fuel Upgrading. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 633-640.	0.4	3
22	Hydrothermal Torrefaction of Mixtures of Biomass and Hydrocarbon-Rich Sludge in the Presence of Fossil Fuels. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 705-711.	0.4	1
23	Composition of Producer Gas Obtained by Gasification of Pellet Mixtures Produced with Residual Lignocellulosic Biomass, Cork Wastes, Polymers and Polymer Derived Chars. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 648-654.	0.4	0
24	Phytosomes with Persimmon ( <i>Diospyros kaki</i> L.) Extract: Preparation and Preliminary Demonstration of In Vivo Tolerability. <i>Pharmaceutics</i> , 2019, 11, 296.	4.5	29
25	Reduction of inflammation and colon injury by a Pennyroyal phenolic extract in experimental inflammatory bowel disease in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109351.	5.6	14
26	Reduction of Inflammation and Colon Injury by a Spearmint Phenolic Extract in Experimental Bowel Disease in Mice. <i>Medicines</i> (Basel, Switzerland), 2019, 6, 65.	1.4	16
27	Upgrading of refuse derived fuel through torrefaction and carbonization: Evaluation of RDF char fuel properties. <i>Energy</i> , 2019, 181, 66-76.	8.8	57
28	Torrefaction and carbonization of refuse derived fuel: Char characterization and evaluation of gaseous and liquid emissions. <i>Bioresource Technology</i> , 2019, 285, 121325.	9.6	32
29	Co-Gasification of Sewage Sludge Mixed with Waste Wood in Different Proportions. <i>Proceedings (mdpi)</i> , 2019, 38, .	0.2	2
30	Combustion of Biomass Based Pellets With Pyrolysis Bio-Oils. , 2019, , .		0
31	A review on occupational risk in gasification plants processing residues of sewage sludge and refuse-derived fuel. , 2018, , 29-34.		2
32	Environmental impact and occupational risk in gasification plants processing residues of sewage sludge and refuse-derived fuel: a review. <i>International Journal of Occupational and Environmental Safety</i> , 2018, 2, 50-63.	0.5	2
33	Environmental impact and occupational risk in gasification plants processing residues of sewage sludge and refuse-derived fuel: a review. <i>International Journal of Occupational and Environmental Safety</i> , 2018, 2, 50-63.	0.5	0
34	Impact of torrefaction and low-temperature carbonization on the properties of biomass wastes from <i>Arundo donax</i> L. and <i>Phoenix canariensis</i> . <i>Bioresource Technology</i> , 2017, 223, 210-218.	9.6	61
35	Identification of lactic acid bacteria isolated from artisanal Coalho cheese produced in the Brazilian Northeast. <i>CYTA - Journal of Food</i> , 2016, 14, 613-620.	1.9	20
36	Removal of Chromium and Aluminum from Aqueous Solutions Using Refuse Derived Char. <i>IFIP Advances in Information and Communication Technology</i> , 2016, , 515-522.	0.7	2

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37	Production of bio-hydrocarbons by hydrotreating of pomace oil. <i>Fuel</i> , 2014, 116, 84-93.	6.4	34
38	Bio-oil upgrading strategies to improve PHA production from selected aerobic mixed cultures. <i>New Biotechnology</i> , 2014, 31, 297-307.	4.4	28
39	Leaching behaviour and ecotoxicity evaluation of chars from the pyrolysis of forestry biomass and polymeric materials. <i>Ecotoxicology and Environmental Safety</i> , 2014, 107, 9-15.	6.0	17
40	Removal of lead (Pb <sup>2+</sup> ) from aqueous medium by using chars from co-pyrolysis. <i>Journal of Colloid and Interface Science</i> , 2013, 409, 158-165.	9.4	42
41	Hydrogenation of rapeseed oil for production of liquid bio-chemicals. <i>Applied Energy</i> , 2013, 102, 272-282.	10.1	36
42	Antioxidant activity, quality parameters and mineral content of Portuguese monofloral honeys. <i>Journal of Food Composition and Analysis</i> , 2013, 30, 130-138.	3.9	91
43	Study of the Organic Extraction and Acidic Leaching of Chars Obtained in the Pyrolysis of Plastics, Tire Rubber and Forestry Biomass Wastes. <i>Procedia Engineering</i> , 2012, 42, 1739-1746.	1.2	10
44	Dispersive liquid-liquid microextraction of organophosphorous pesticides using nonhalogenated solvents. <i>Journal of Separation Science</i> , 2012, 35, 2653-2658.	2.5	23
45	Characterization of chars produced in the co-pyrolysis of different wastes: Decontamination study. <i>Journal of Hazardous Materials</i> , 2012, 207-208, 28-35.	12.4	20
46	Physico-chemical properties of chars obtained in the co-pyrolysis of waste mixtures. <i>Journal of Hazardous Materials</i> , 2012, 219-220, 196-202.	12.4	78
47	Validated dispersive liquid-liquid microextraction for analysis of organophosphorous pesticides in water. <i>Journal of Separation Science</i> , 2011, 34, 1326-1332.	2.5	23
48	Determination of organophosphorous pesticides in the ppq range using a simple solid-phase extraction method combined with dispersive liquid-liquid microextraction. <i>Journal of Separation Science</i> , 2011, 34, 2475-2481.	2.5	35
49	Toxicity of char residues produced in the co-pyrolysis of different wastes. <i>Waste Management</i> , 2010, 30, 628-635.	7.4	41
50	Determination of alkylphenols in eluates from pyrolysis solid residues using dispersive liquid-liquid microextraction. <i>Chemosphere</i> , 2010, 79, 1026-1032.	8.2	21
51	Ecological risk assessment of sediment management areas: application to Sado Estuary, Portugal. <i>Ecotoxicology</i> , 2009, 18, 1165-1175.	2.4	42
52	Chemical and ecotoxicological characterization of solid residues produced during the co-pyrolysis of plastics and pine biomass. <i>Journal of Hazardous Materials</i> , 2009, 166, 309-317.	12.4	23
53	Determination of aromatic compounds in eluates of pyrolysis solid residues using HS-GC-MS and DLLME-GC-MS. <i>Talanta</i> , 2009, 80, 104-108.	5.5	22
54	A Theoretical Model to Simulate Supercritical Fluid Extraction: Application to the Extraction of Terpenes by Supercritical Carbon Dioxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 4991-5002.	3.7	6

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55	Phase equilibria of CO <sub>2</sub> + dl- $\alpha$ -tocopherol at temperatures from 292 K to 333 K and pressures up to 26 MPa. Fluid Phase Equilibria, 1993, 91, 133-143.	2.5	71
56	On the application of supercritical fluid extraction to the deacidification of olive oils. JAOCS, Journal of the American Oil Chemists' Society, 1991, 68, 474-480.	1.9	41
57	Use of computerized pattern recognition of triglyceride profiles in monitoring SCF-CO <sub>2</sub> extraction of fatty oils. Journal of High Resolution Chromatography, 1989, 12, 244-247.	1.4	2