

# Daniele Perondi

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,306  
citations

471061

17  
h-index

360668

35  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrolysis of grape bagasse to produce char for Cu(II) adsorption: a circular economy perspective. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 3947-3964.	2.9	4
2	Development of activated carbon from <i>Schizolobium parahyba</i> (guapuruvu) residues employed for the removal of ketoprofen. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21860-21875.	2.7	3
3	CO <sub>2</sub> adsorption by cryogels produced from poultry litter wastes. <i>Polimeros</i> , 2022, 32, .	0.2	3
4	Steam catalytic gasification of elephant grass pellets. <i>Chemical Engineering Research and Design</i> , 2022, 162, 620-630.	2.7	6
5	The influence of water-soluble inorganic matter on combustion of grape pomace and its chars produced by slow and fast pyrolysis. <i>Fuel</i> , 2021, 284, 118880.	3.4	10
6	Influence of the addition of carbon structures in cellulose cryogels. <i>Journal of Porous Materials</i> , 2021, 28, 279-288.	1.3	2
7	Cellulose/Biochar Cryogels: A Study of Adsorption Kinetics and Isotherms. <i>Langmuir</i> , 2021, 37, 3180-3188.	1.6	12
8	Synergistic effect of the activated carbon addition from leather wastes in chitosan/alginate-based composites. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48666-48680.	2.7	5
9	From cellulose to graphene-like porous carbon nanosheets. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111217.	2.2	18
10	Development of highly porous activated carbon from <i>Jacaranda mimosifolia</i> seed pods for remarkable removal of aqueous-phase ketoprofen. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105676.	3.3	54
11	Study of mayenite produced from waste eggshell as support for Ni-Co catalysts for biomass tar cracking. <i>Chemical Engineering Research and Design</i> , 2021, 176, 218-228.	2.7	3
12	Treatment of effluents containing 2-chlorophenol by adsorption onto chemically and physically activated biochars. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104473.	3.3	47
13	CO <sub>2</sub> gasification of elephant grass: Effect of Ni/mayenite catalyst on dry reforming of tar. <i>Biomass and Bioenergy</i> , 2020, 143, 105829.	2.9	11
14	Ultrasonication-promoted synthesis of Ni/mayenite for catalytic reforming of biomass tar. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105165.	3.8	4
15	Carbon foam production by biomass pyrolysis. <i>Journal of Porous Materials</i> , 2020, 27, 1119-1125.	1.3	11
16	Simultaneous production of mesoporous biochar and palmitic acid by pyrolysis of brewing industry wastes. <i>Waste Management</i> , 2020, 113, 96-104.	3.7	26
17	Conversion of MDF wastes into a char with remarkable potential to remove Food Red 17 dye from aqueous effluents. <i>Chemosphere</i> , 2020, 250, 126248.	4.2	13
18	Water hyacinth ( <i>Eichhornia crassipes</i> ) roots, an amazon natural waste, as an alternative biosorbent to uptake a reactive textile dye from aqueous solutions. <i>Ecological Engineering</i> , 2020, 150, 105817.	1.6	50

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19	The role of CaO in the steam gasification of plastic wastes recovered from the municipal solid waste in a fluidized bed reactor. <i>Chemical Engineering Research and Design</i> , 2020, 140, 60-67.	2.7	52
20	Evaluation of the structural changes of a char produced by slow pyrolysis of biomass and of a high-ash coal during its combustion and their role in the reactivity and flue gas emissions. <i>Energy</i> , 2020, 202, 117793.	4.5	12
21	Performance evaluation of natural catalysts during the thermochemical conversion of poultry litter. <i>Chemical Engineering Research and Design</i> , 2019, 131, 144-151.	2.7	4
22	Cellulose/biochar aerogels with excellent mechanical and thermal insulation properties. <i>Cellulose</i> , 2019, 26, 9071-9083.	2.4	46
23	Biochars from animal wastes as alternative materials to treat colored effluents containing basic red 9. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103446.	3.3	54
24	Chitin derived biochar as an alternative adsorbent to treat colored effluents containing methyl violet dye. <i>Advanced Powder Technology</i> , 2019, 30, 1494-1503.	2.0	40
25	Phosphorus adsorption in Fe-loaded activated carbon: Two-site monolayer equilibrium model and phenomenological kinetic description. <i>Chemical Engineering Journal</i> , 2019, 361, 751-763.	6.6	57
26	Multi-technique characterization of chromated copper arsenate-treated wooden utility poles from the Brazilian electricity network. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 279-291.	1.3	1
27	Development of high quality activated carbon from biological sludge and its application for dyes removal from aqueous solutions. <i>Science of the Total Environment</i> , 2019, 660, 277-287.	3.9	109
28	The role of CaO and its influence on chlorine during the thermochemical conversion of shredder residue. <i>Chemical Engineering Research and Design</i> , 2019, 122, 58-67.	2.7	12
29	Adsorption of leather dyes on activated carbon from leather shaving wastes: kinetics, equilibrium and thermodynamics studies. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2756-2768.	1.2	39
30	Production of Carbon Foams from Rice Husk. <i>Materials Research</i> , 2019, 22, .	0.6	16
31	Evaluation of vulcanization nanoactivators with low zinc content: characterization of zinc oxides, cure, physico-mechanical properties, Zn <sup>2+</sup> release in water and cytotoxic effect of EPDM compositions. <i>Polymer Engineering and Science</i> , 2018, 58, 1800-1809.	1.5	11
32	Factorial design application to evaluate thermochemical conversion of shredder residues. <i>Chemical Engineering Research and Design</i> , 2018, 114, 97-106.	2.7	1
33	New biochar from pecan nutshells as an alternative adsorbent for removing reactive red 141 from aqueous solutions. <i>Journal of Cleaner Production</i> , 2018, 171, 57-65.	4.6	174
34	Critical analysis of non-isothermal kinetics of poultry litter pyrolysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 2329-2338.	2.0	5
35	Development of CO <sub>2</sub> activated biochar from solid wastes of a beer industry and its application for methylene blue adsorption. <i>Waste Management</i> , 2018, 78, 630-638.	3.7	131
36	CO <sub>2</sub> gasification of elephant grass in a fixed bed reactor. <i>Scientia Cum Industria</i> , 2018, 6, 27-30.	0.1	5

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37	Preparation and characterization of a metal-rich activated carbon from CCA-treated wood for CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2017, 321, 614-621.	6.6	47
38	A detailed non-isothermal kinetic study of elephant grass pyrolysis from different models. <i>Applied Thermal Engineering</i> , 2017, 110, 1200-1211.	3.0	77
39	Steam gasification of poultry litter biochar for bio-syngas production. <i>Chemical Engineering Research and Design</i> , 2017, 109, 478-488.	2.7	47
40	Characteristics of Pyrolysis Products from Waste Tyres and Spent Foundry Sand Co-Pyrolysis. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2016, 32, 213-240.	0.8	14
41	Enhancement of biogas and methane production by anaerobic digestion of swine manure with addition of microorganisms isolated from sewage sludge. <i>Chemical Engineering Research and Design</i> , 2016, 104, 233-239.	2.7	16
42	Comparaçãõ da produçãõ de biogãis a partir da digestãõ anaerãbia de diferentes tipos de lodo. <i>Scientia Cum Industria</i> , 2016, 4, 69-73.	0.1	0
43	Pyrolysis of Medium Density Fiberboard (MDF) wastes in a screw reactor. <i>Energy Conversion and Management</i> , 2015, 92, 223-233.	4.4	46
44	Thermal decomposition of polymeric resin [(C <sub>29</sub> H <sub>24</sub> N <sub>2</sub> O <sub>5</sub> ) <sub>n</sub> ]: Kinetic parameters and mechanisms. <i>Polymer Degradation and Stability</i> , 2012, 97, 2110-2117.	2.7	8
45	DETERMINATION OF THE GIANT-BAMBOO PYROLYSIS KINETIC PARAMETERS. , 0, , .		0