

# Liliana Giraldo

## List of Publications by Year in descending order

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65  
papers

1,248  
citations

516710

16  
h-index

395702

33  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing of fique bagasse waste into modified biochars for adsorption of caffeine and sodium diclofenac. <i>Brazilian Journal of Chemical Engineering</i> , 2022, 39, 933-948.	1.3	5
2	Physicochemical Characterization of Santa Barbara Amorphous-15 (SBA-15) and Its Functionalization with Polyaniline for Phenol Adsorption. <i>Processes</i> , 2022, 10, 188.	2.8	2
3	Removal of emerging contaminants from wastewater using advanced treatments. A review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1333-1375.	16.2	124
4	Worldwide cases of water pollution by emerging contaminants: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2311-2338.	16.2	117
5	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-111.	0.5	3
6	Remediation of Emerging Contaminants. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-106.	0.5	5
7	Pharmaceuticals in water: Equilibrium and thermodynamics for adsorption on activated carbon for wastewater treatment. , 2021, , 279-311.		0
8	Physicochemical Parameters of the Methylparaben Adsorption from Aqueous Solution Onto Activated Carbon and Their Relationship with the Surface Chemistry. <i>ACS Omega</i> , 2021, 6, 8797-8807.	3.5	8
9	Enthalpic and Liquid-Phase Adsorption Study of Toluene-Cyclohexane and Toluene-Hexane Binary Systems on Modified Activated Carbons. <i>Molecules</i> , 2021, 26, 2839.	3.8	3
10	Understanding the solid-liquid equilibria between paracetamol and activated carbon: Thermodynamic approach of the interactions adsorbent-adsorbate using equilibrium, kinetic and calorimetry data. <i>Journal of Hazardous Materials</i> , 2021, 419, 126432.	12.4	8
11	Insight into adsorbate-adsorbent interactions between aromatic pharmaceutical compounds and activated carbon: equilibrium isotherms and thermodynamic analysis. <i>Adsorption</i> , 2020, 26, 153-163.	3.0	14
12	Influence of functionalization, surface area and charge distribution of SBA15-based adsorbents on CO (II) and Ni (II) removal from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103671.	6.7	6
13	Thermodynamic analysis of acetaminophen and salicylic acid adsorption onto granular activated carbon: Importance of chemical surface and effect of ionic strength. <i>Thermochimica Acta</i> , 2020, 683, 178467.	2.7	27
14	Adsorption of Pharmaceutical Aromatic Pollutants on Heat-Treated Activated Carbons: Effect of Carbonaceous Structure and the Adsorbent-Adsorbate Interactions. <i>ACS Omega</i> , 2020, 5, 15247-15256.	3.5	25
15	Adsorption of n-butylparaben from aqueous solution on surface of modified granular activated carbons prepared from African palm shell. Thermodynamic study of interactions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103969.	6.7	6
16	Kinetic and thermodynamic study of n-pentane adsorption on activated carbons modified by either carbonization or impregnation with ammonium hydroxide. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110196.	4.4	13
17	Adsorption calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2577-2595.	3.6	1
18	Dataset of the immersion enthalpy of activated carbons chemically modified in methylparaben aqueous solution: Relation with adsorption. <i>Data in Brief</i> , 2019, 25, 104100.	1.0	2

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19	Data of preparation and characterization of activated carbon using two activant agents and mango seed as precursor material. Data in Brief, 2019, 27, 104769.	1.0	7
20	Interaction between Hydrocarbons C <sub>6</sub> and Modified Activated Carbons: Correlation between Adsorption Isotherms and Immersion Enthalpies. ACS Omega, 2019, 4, 19595-19604.	3.5	8
21	Immersion Enthalpy of Activated Carbon "Cyclohexane and Activated Carbon "Hexane. Difference in the Solid "Liquid Interaction Enthalpy Due to the Structure of the Solvent. Processes, 2019, 7, 180.	2.8	2
22	Mechanisms of Methylparaben Adsorption onto Activated Carbons: Removal Tests Supported by a Calorimetric Study of the Adsorbent "Adsorbate Interactions. Molecules, 2019, 24, 413.	3.8	35
23	Influence of stacked structure of carbons modified on its surface on n-pentane adsorption. Heliyon, 2019, 5, e01156.	3.2	7
24	Parabens Adsorption onto Activated Carbon: Relation with Chemical and Structural Properties. Molecules, 2019, 24, 4313.	3.8	14
25	Preparation of activated carbons for storage of methane and its study by adsorption calorimetry. Journal of Thermal Analysis and Calorimetry, 2018, 131, 259-271.	3.6	15
26	Thermodynamic study of the interactions of salicylic acid and granular activated carbon in solution at different pHs. Adsorption Science and Technology, 2018, 36, 833-850.	3.2	14
27	Physicochemical Properties of Activated Carbon: Their Effect on the Adsorption of Pharmaceutical Compounds and Adsorbate "Adsorbent Interactions. Journal of Carbon Research, 2018, 4, 62.	2.7	55
28	Adsorción de acetaminofénol sobre carbones activados a diferente pH. Entalpía y entropía del proceso. Revista Colombiana De Química, 2018, 47, 54-62.	0.4	1
29	A Study of the Interactions of Activated Carbon-Phenol in Aqueous Solution Using the Determination of Immersion Enthalpy. Applied Sciences (Switzerland), 2018, 8, 843.	2.5	12
30	Study of Hexane Adsorption on Activated Carbons with Differences in Their Surface Chemistry. Molecules, 2018, 23, 476.	3.8	11
31	Data for the synthesis of resorcinol "formaldehyde aerogels in acidic and basic media. Data in Brief, 2017, 12, 409-417.	1.0	3
32	Adsorption of CO <sub>2</sub> onto Activated Carbons Prepared by Chemical Activation with Metallic Salts. International Journal of Chemical Reactor Engineering, 2017, 15, .	1.1	2
33	Effect of textural and chemical characteristics of activated carbons on phenol adsorption in aqueous solutions. Polish Journal of Chemical Technology, 2017, 19, 87-93.	0.5	3
34	Effect of Solution pH on the Adsorption of Paracetamol on Chemically Modified Activated Carbons. Molecules, 2017, 22, 1032.	3.8	136
35	Adsorption of Cd (II) on Modified Granular Activated Carbons: Isotherm and Column Study. Molecules, 2017, 22, 2280.	3.8	9
36	Adsorption of CO <sub>2</sub> onto Activated Carbons Prepared by Chemical Activation with Metallic Salts. International Journal of Chemical Reactor Engineering, 2017, 15, .	1.1	2

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37	Application of the Sips model to the calculation of maximum adsorption capacity and immersion enthalpy of phenol aqueous solutions on activated carbons. <i>European Journal of Chemistry</i> , 2017, 8, 112-118.	0.6	16
38	Characterisation of granular activated carbon prepared by activation with CaCl <sub>2</sub> by means of gas adsorption and immersion calorimetry. <i>Adsorption</i> , 2016, 22, 717-723.	3.0	16
39	Calorimetric evaluation of activated carbons modified for phenol and 2,4-dinitrophenol adsorption. <i>Adsorption</i> , 2016, 22, 13-21.	3.0	11
40	Equilibrium, kinetics and thermodynamics study of phenols adsorption onto activated carbon obtained from lignocellulosic material ( <i>Eucalyptus Globulus</i> labill seed). <i>Adsorption</i> , 2016, 22, 33-48.	3.0	46
41	Accessible area and hydrophobicity of activated carbons obtained from the enthalpy characterization. <i>Adsorption</i> , 2016, 22, 3-11.	3.0	9
42	Calorimetric study of activated carbons impregnated with CaCl <sub>2</sub> . <i>Open Chemistry</i> , 2015, 13, .	1.9	7
43	Adsorption of phenol and 2,4-dinitrophenol on activated carbons with surface modifications. <i>Microporous and Mesoporous Materials</i> , 2015, 209, 150-156.	4.4	35
44	Granular activated carbons characterization by CO <sub>2</sub> adsorption isotherms and immersion enthalpy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1657-1664.	3.6	6
45	Production and Characterization of Activated Carbon from Oil-palm Shell for Carboxylic Acid Adsorption. <i>Oriental Journal of Chemistry</i> , 2015, 31, 753-762.	0.3	16
46	Comparative calorimetry study of the phenol and acetaminophen adsorption on activated carbon in aqueous solution. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2015, 44, 90-106.	0.1	4
47	Adsorption of Volatile Carboxylic Acids on Activated Carbon Synthesized from Watermelon Shells. <i>Adsorption Science and Technology</i> , 2014, 32, 227-242.	3.2	17
48	A rigorous procedure for the design of adsorption units for the removal of cadmium and nickel from process wastewaters. <i>Journal of Cleaner Production</i> , 2014, 77, 35-46.	9.3	37
49	Modified surface chemistry of activated carbons. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 245-251.	3.6	8
50	Trivalent chromium removal from aqueous solution with physically and chemically modified corncob waste. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 101, 132-141.	5.5	41
51	Comparison of the Oxidation of Phenol with Iron and Copper Supported on Activated Carbon from Coconut Shells. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 49-57.	1.1	14
52	Activated carbon from bamboo waste modified with iron and its application in the study of the adsorption of arsenite and arsenate. <i>Open Chemistry</i> , 2013, 11, 160-170.	1.9	8
53	Removal of lead(II) and zinc(II) ions from aqueous solutions by adsorption onto activated carbon synthesized from watermelon shell and walnut shell. <i>Adsorption</i> , 2013, 19, 675-685.	3.0	67
54	CO <sub>2</sub> Adsorption on Activated Carbon Honeycomb-Monoliths: A Comparison of Langmuir and T <sup>3</sup> Models. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8388-8397.	4.1	57

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55	Application of Adsorption Microcalorimetry in the Study of Cu(II) Removal Using Magnetic Nanoparticles. <i>Adsorption Science and Technology</i> , 2012, 30, 653-667.	3.2	2
56	Textural Characteristics and Energetic Parameters of Activated Carbon Monoliths: Experiments and Monte Carlo Simulations. <i>Adsorption Science and Technology</i> , 2011, 29, 637-649.	3.2	0
57	Oxidation of Carbon Monoxide Over SBA-15-Confined Copper, Palladium and Iridium Nanocatalysts. <i>Catalysis Letters</i> , 2011, 141, 1659-1669.	2.6	10
58	Textural Characterization and Energetics of Porous Solids by Adsorption Calorimetry. <i>Energies</i> , 2011, 4, 928-947.	3.1	3
59	Preparation and Characterization of Activated Carbon Monoliths with Potential Application as Phenol Adsorbents. <i>E-Journal of Chemistry</i> , 2010, 7, 531-539.	0.5	13
60	Activated Carbon Modified with Copper for Adsorption of Propanethiol. <i>International Journal of Molecular Sciences</i> , 2010, 11, 927-942.	4.1	30
61	Immersion Calorimetry for the Characterization of Pd Catalysts Supported on Activated Carbon. <i>E-Journal of Chemistry</i> , 2009, 6, 1221-1227.	0.5	0
62	Calorimetric study of the immersion enthalpies of activated carbon cloths in different solvents and aqueous solutions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 96, 547-552.	3.6	11
63	A Heat Conduction Microcalorimeter for the Determination of the Immersion Heats of Activated Carbon into Phenol Aqueous Solutions. <i>Instrumentation Science and Technology</i> , 2003, 31, 385-397.	1.8	13
64	HEAT CONDUCTION MICRO-CALORIMETER WITH METALLIC REACTION CELL AND IMPROVED HEAT FLUX SENSING SYSTEM. <i>Instrumentation Science and Technology</i> , 2002, 30, 177-186.	1.8	10
65	DETERMINATION OF THE IMMERSION ENTHALPY OF ACTIVATED CARBON BY MICROCALORIMETRY OF THE HEAT CONDUCTION. <i>Instrumentation Science and Technology</i> , 2000, 28, 171-178.	1.8	36