

# Cybelle Morales Futralan

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,912  
citations

331538

21  
h-index

265120

42  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative and competitive adsorption of copper, lead, and nickel using chitosan immobilized on bentonite. <i>Carbohydrate Polymers</i> , 2011, 83, 528-536.	5.1	322
2	Adsorption of Eriochrome Black T (EBT) dye using activated carbon prepared from waste rice hulls—Optimization, isotherm and kinetic studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 646-653.	2.7	239
3	Fixed-bed column studies on the removal of copper using chitosan immobilized on bentonite. <i>Carbohydrate Polymers</i> , 2011, 83, 697-704.	5.1	176
4	Adsorptive removal of Cu(II) from aqueous solutions using non-crosslinked and crosslinked chitosan-coated bentonite beads. <i>Desalination</i> , 2011, 275, 154-159.	4.0	135
5	Adsorption of indium(III) ions from aqueous solution using chitosan-coated bentonite beads. <i>Journal of Hazardous Materials</i> , 2014, 277, 120-126.	6.5	105
6	Removal of chromium(VI) and zinc(II) from aqueous solution using kaolin-supported bacterial biofilms of Gram-negative <i>E. Coli</i> and Gram-positive <i>Staphylococcus epidermidis</i> . <i>Sustainable Environment Research</i> , 2018, 28, 206-213.	2.1	60
7	Porous ZnO/C microspheres prepared with maleopimaric acid as an anode material for lithium-ion batteries. <i>Carbon</i> , 2020, 165, 55-66.	5.4	51
8	Adsorption of Mn <sup>2+</sup> from aqueous solution using Fe and Mn oxide-coated sand. <i>Journal of Environmental Sciences</i> , 2013, 25, 1483-1491.	3.2	48
9	Optimization of ultrasound-assisted oxidative desulfurization of model sulfur compounds using commercial ferrate (VI). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2935-2942.	2.7	46
10	Fabrication of polyacrylonitrile-coated kapok hollow microtubes for adsorption of methyl orange and Cu(II) ions in aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 359-369.	2.7	45
11	Structural characterization of cerium-doped hydroxyapatite nanoparticles synthesized by an ultrasonic-assisted sol-gel technique. <i>Results in Physics</i> , 2018, 10, 956-963.	2.0	40
12	Competitive Fixed-Bed Adsorption of Pb(II), Cu(II), and Ni(II) from Aqueous Solution Using Chitosan-Coated Bentonite. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-11.	1.2	39
13	Removal of copper, nickel, lead, and zinc using chitosan-coated montmorillonite beads in single- and multi-metal system. <i>Desalination and Water Treatment</i> , 2016, 57, 9799-9812.	1.0	36
14	Structural characterization and antibacterial activity of hydroxyapatite synthesized via sol-gel method using glutinous rice as a template. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 764-775.	1.1	36
15	Removal of manganese(II) and iron(II) from synthetic groundwater using potassium permanganate. <i>Desalination and Water Treatment</i> , 2014, 52, 5942-5951.	1.0	33
16	Removal of methyl orange dye and copper (II) ions from aqueous solution using polyaniline-coated kapok ( <i>Ceiba pentandra</i> ) fibers. <i>Water Science and Technology</i> , 2018, 78, 1137-1147.	1.2	32
17	The study of copper adsorption from aqueous solution using crosslinked chitosan immobilized on bentonite. <i>Journal of Applied Polymer Science</i> , 2012, 125, E132.	1.3	31
18	MOF-derived Fe <sub>2</sub> nanoparticles@graphitic carbon undergoing in situ phase transformation to Fe <sub>3</sub> as a superior sodium-ion cathode material. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155719.	2.8	29

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19	Synthesis of copper-silver doped hydroxyapatite via ultrasonic coupled sol-gel techniques: structural and antibacterial studies. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 96, 452-463.	1.1	27
20	Kinetics of Mixing-Assisted Oxidative Desulfurization of Dibenzothiophene in Toluene Using a Phosphotungstic Acid/Hydrogen Peroxide System: Effects of Operating Conditions. <i>Energy &amp; Fuels</i> , 2017, 31, 9923-9929.	2.5	26
21	Adsorptive treatment via simultaneous removal of copper, lead and zinc from soil washing wastewater using spent coffee grounds. <i>Water Science and Technology</i> , 2019, 79, 1029-1041.	1.2	23
22	Removal of chemical oxygen demand from thin-film transistor liquid-crystal display wastewater using chitosan-coated bentonite: Isotherm, kinetics and optimization studies. <i>Journal of Cleaner Production</i> , 2018, 175, 145-154.	4.6	22
23	Removal of ammonium-nitrogen from aqueous solution using chitosan-coated bentonite: Mechanism and effect of operating parameters. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45924.	1.3	21
24	Evaluation of continuously mixed reactor configurations in the oxidative-adsorptive desulfurization of diesel fuel: Optimization and parametric studies. <i>Journal of Cleaner Production</i> , 2018, 203, 664-673.	4.6	20
25	Treatment of Contaminated Groundwater via Arsenate Removal Using Chitosan-Coated Bentonite. <i>Molecules</i> , 2019, 24, 2464.	1.7	19
26	Adsorption of dibenzothiophene sulfone from fuel using chitosan-coated bentonite (CCB) as biosorbent. <i>Desalination and Water Treatment</i> , 2016, 57, 5108-5118.	1.0	18
27	Optimization of As(V) removal using chitosan-coated bentonite from groundwater using Box-Behnken design: effects of adsorbent mass, flow rate, and initial concentration. <i>Desalination and Water Treatment</i> , 2016, 57, 18739-18747.	1.0	18
28	Influence of hydrocarbons on hydrogen chloride removal from refinery off-gas by zeolite NaY derived from rice husks. <i>Science of the Total Environment</i> , 2020, 728, 138782.	3.9	17
29	Modification Strategies of Kapok Fiber Composites and Its Application in the Adsorption of Heavy Metal Ions and Dyes from Aqueous Solutions: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2703.	1.2	16
30	Adsorption characteristics of copper(II) onto non-crosslinked and cross-linked chitosan immobilized on sand. <i>Desalination and Water Treatment</i> , 2013, 51, 5574-5582.	1.0	15
31	Optimization analysis of mixing-assisted oxidative desulfurization of model sulfur compounds using commercial ferrate(VI). <i>Desalination and Water Treatment</i> , 2016, 57, 17616-17623.	1.0	15
32	Corrosion Monitoring of Reinforced Steel Embedded in Cement Mortar under Wet-And-Dry Cycles by Electrochemical Impedance Spectroscopy. <i>Sensors</i> , 2020, 20, 199.	2.1	15
33	N-doped graphitic carbon encapsulated cobalt oxide nanoparticles from ZIF-67 on ZIF-8 as an anode material for Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 908, 164645.	2.8	15
34	The on-site feasibility study of iron and manganese removal from groundwater by hollow-fiber microfiltration. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2011, 60, 391-401.	0.6	12
35	Removal of methyl violet dye by adsorption onto mesoporous mixed oxides of cerium and aluminum. <i>Desalination and Water Treatment</i> , 2016, 57, 8884-8893.	1.0	12
36	Ultrasound irradiation combined with hydraulic cleaning on fouled polyethersulfone and polyvinylidene fluoride membranes. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2929-2937.	1.2	10

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37	Arsenate removal from aqueous solution using chitosan-coated bentonite, chitosan-coated kaolinite and chitosan-coated sand: parametric, isotherm and thermodynamic studies. <i>Water Science and Technology</i> , 2018, 78, 676-689.	1.2	9
38	Fixed-Bed Adsorption of Lead from Aqueous Solution Using Chitosan-Coated Bentonite. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2597.	1.2	9
39	Recovery of zinc granules from synthetic electroplating wastewater using fluidized-bed homogeneous crystallization process. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 129-142.	1.8	8
40	Treatment of soil washing wastewater via adsorption of lead and zinc using graphene oxide. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17292-17304.	2.7	7
41	Fixed-bed adsorption of copper from aqueous media using chitosan-coated bentonite, chitosan-coated sand, and chitosan-coated kaolinite. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24659-24670.	2.7	7
42	Effect of coagulation mechanisms on the fouling and ultrasonic cleaning of PTFE membrane. <i>Water Science and Technology</i> , 2012, 66, 2291-2298.	1.2	6
43	Optimization and kinetics of the desulfurization of diesel fuel via high shear mixing oxidation assisted by adsorption of sulfones onto chitosan-coated bentonite. <i>International Journal of Green Energy</i> , 2018, 15, 930-940.	2.1	6
44	Fuzzy Optimization on the Synthesis of Chitosan-Graft-Polyacrylic Acid with Montmorillonite as Filler Material: A Case Study. <i>Polymers</i> , 2019, 11, 738.	2.0	6
45	Improved reversibility of phase transformations using electron-rich graphitic carbon matrix in FeF <sub>2</sub> cathode for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 434, 134727.	6.6	6
46	Fabrication of polyaniline-coated Kapok (Ceiba pentandra) fibers embedded with copper-based particles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 201, 012042.	0.3	5
47	Oxidative desulfurization of dibenzothiophene via high-shear mixing with phosphotungstic acid: the influence of calcination temperature on kinetics and catalytic activity. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1459-1469.	2.1	5
48	Fabrication of zinc oxide-embedded kapok (Ceiba pentandra) paper. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 201, 012048.	0.3	4
49	Kinetics and thermodynamics of organo-sulfur-compound desorption from saturated neutral activated alumina. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12473-12483.	2.7	4
50	Enhanced Electrochemical Performances of Hollow-Structured N-Doped Carbon Derived from a Zeolitic Imidazole Framework (ZIF-8) Coated by Polydopamine as an Anode for Lithium-Ion Batteries. <i>Energies</i> , 2021, 14, 2436.	1.6	3
51	Electrochemical Disinfection of Simulated Ballast Water Using RuO <sub>2</sub> -TiO <sub>2</sub> /Ti Electrode. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1835.	1.2	3