

Eliazer Bobby Naidoo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,023
citations

430442

18
h-index

433756

31
g-index

31
all docs

31
docs citations

31
times ranked

1175
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of copper(II) from aqueous solution by pine and base modified pine cone powder as biosorbent. <i>Journal of Hazardous Materials</i> , 2009, 168, 909-917.	6.5	134
2	Kinetics and equilibrium study of 2-nitrophenol adsorption onto polyurethane cross-linked pine cone biomass. <i>Journal of Cleaner Production</i> , 2018, 179, 191-209.	4.6	74
3	Removal of methylene blue dye and lead ions from aqueous solution using activated carbon from black cumin seeds. <i>South African Journal of Chemical Engineering</i> , 2020, 33, 39-50.	1.2	69
4	Biosorption of lead(II) onto pine cone powder: Studies on biosorption performance and process design to minimize biosorbent mass. <i>Carbohydrate Polymers</i> , 2010, 82, 1031-1042.	5.1	63
5	Dynamic studies and pseudo-second order modeling of copper(II) biosorption onto pine cone powder. <i>Desalination</i> , 2010, 251, 112-122.	4.0	63
6	Synthesis of graphene oxide and its application for the adsorption of Pb +2 from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 169-178.	2.9	59
7	Kinetic and Pseudo-Second-Order Modeling of Lead Biosorption onto Pine Cone Powder. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 2562-2572.	1.8	56
8	Chitosan nanocomposites for water treatment by fixed-bed continuous flow column adsorption: A review. <i>Carbohydrate Polymers</i> , 2021, 255, 117398.	5.1	56
9	Adsorption studies of toxic cadmium(II) and chromium(VI) ions from aqueous solution by activated black cumin (<i>Nigella sativa</i>) seeds. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104045.	3.3	56
10	The properties and applications of helical carbon fibers and related materials: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 44, 23-42.	2.9	42
11	Effect of chemical extractants on the biosorptive properties of pine cone powder: Influence on lead(II) removal mechanism. <i>Journal of Saudi Chemical Society</i> , 2013, 17, 77-86.	2.4	32
12	Sorption studies of toxic cations on ginger root adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 133-140.	2.9	29
13	Ultrasonic synthesis of high fluorescent C-dots and modified with CuWO ₄ nanocomposite for effective photocatalytic activity. <i>Journal of Molecular Structure</i> , 2015, 1098, 146-152.	1.8	28
14	Simultaneous adsorptive study of toxic metal ions in quaternary system from aqueous solution using low cost black cumin seeds (<i>Nigella sativa</i>) adsorbents. <i>South African Journal of Chemical Engineering</i> , 2019, 30, 15-27.	1.2	27
15	Kinetics and competitive modeling of cesium biosorption onto iron(III) hexacyanoferrate modified pine cone powder. <i>International Biodeterioration and Biodegradation</i> , 2014, 92, 71-78.	1.9	25
16	The sequestral capture of fluoride, nitrate and phosphate by metal-doped and surfactant-modified hybrid clay materials. <i>Chemical Papers</i> , 2018, 72, 409-417.	1.0	25
17	Lead ions and methylene blue dye removal from aqueous solution by mucuna beans (velvet beans) adsorbents. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103557.	3.3	25
18	The grafting of acrylic acid onto biosorbents: Effect of plant components and initiator concentration. <i>Carbohydrate Polymers</i> , 2012, 90, 201-209.	5.1	22

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19	Role of synthesis process variables on magnetic functionality, thermal stability, and tetracycline adsorption by magnetic starch nanocomposite. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 9, 141-153.	1.7	19
20	Magnetite Functionalized Nigella Sativa Seeds for the Uptake of Chromium(VI) and Lead(II) Ions from Synthetic Wastewater. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-15.	1.5	17
21	Pristine and modified mucuna beans adsorptive studies of toxic lead ions and methylene blue dye from aqueous solution. <i>South African Journal of Chemical Engineering</i> , 2020, 31, 33-43.	1.2	16
22	The Adsorption of Copper, Lead Metal Ions, and Methylene Blue Dye from Aqueous Solution by Pure and Treated Fennel Seeds. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	15
23	Sulfuric Activated Carbon of Black Cumin (<i>Nigella sativa</i> L.) Seeds for the Removal of Cadmium(II) and Methylene Blue Dye. <i>Asian Journal of Chemistry</i> , 2020, 32, 1361-1369.	0.1	11
24	Surface modification of pine cone powder and its application for removal of Cu(II) from wastewater. <i>Desalination and Water Treatment</i> , 2010, 19, 275-285.	1.0	10
25	Kinetic modeling of the interaction between copper(II) and calcium hydroxide treated pine cone powder. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 480-485.	2.7	9
26	Detoxification of Wastewater by Pawâ€Paw (<i>Carica papaya</i> L.) Seeds Adsorbents. <i>Asian Journal of Chemistry</i> , 2019, 31, 2249-2256.	0.1	7
27	Sorption of Chromium(VI), Cadmium(II) Ions and Methylene Blue Dye by Pristine, Defatted and Carbonized Nigella sativa L. Seeds from Aqueous Solution. <i>Asian Journal of Chemistry</i> , 2021, 33, 471-483.	0.1	7
28	Adsorption of radiocesium from aqueous solution using chemically modified pine cone powder. <i>Pure and Applied Chemistry</i> , 2013, 85, 2209-2215.	0.9	5
29	Binary Adsorption Studies of Toxic Metal Ions of Lead and Copper from Aqueous Solution by Modified <i>Foeniculum vulgare</i> Seeds (Fennel Seeds). <i>Asian Journal of Chemistry</i> , 2021, 33, 1611-1619.	0.1	5
30	Kinetics, Equilibrium, and Comparison of Multistage Batch Adsorber Design Models for Biosorbent Dose in Metal Removal from Wastewater. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5513-5521.	1.8	4