

Namal Piyantha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Environmentally friendly adsorbent derived from rock melon skin for effective removal of toxic brilliant green dye: linear versus non-linear analyses. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4904-4923.	1.8	12
2	Inhibitive Action of Selected Model Compounds of Eugenol on Mild Steel Corrosion in Salty Medium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2021, 57, 412-421.	0.3	0
3	Effective and Simple NaOH-Modification Method to Remove Methyl Violet Dye via Ipomoea aquatica Roots. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-12.	1.5	25
4	Chemical characteristics of wet precipitation at Peradeniya in Sri Lanka. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 14.	1.3	5
5	Removal of textile dyes from industrial effluents using burnt brick pieces: adsorption isotherms, kinetics and desorption. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	12
6	Source apportionment of rainwater chemical composition in wet precipitation at Kelaniya in Sri Lanka. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 1497-1504.	1.5	13
7	Risk assessment and source apportionment of wet bulk deposition in three typical sites of Gampaha District, Sri Lanka. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	9
8	Adsorption of phosphates from water by two polymer-silicate composites. <i>Bioremediation Journal</i> , 2020, 24, 231-250.	1.0	0
9	Trace Metal Composition of Bulk Precipitation in Selected Locations of Kandy District, Sri Lanka. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	5
10	Atmospheric chemical composition of bulk deposition at two geographically distinct locations in Sri Lanka. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 452.	1.3	7
11	Biosorption of Cr(III) and Cr(VI) species on NaOH-modified peel of <i>Artocarpus nobilis</i> fruit. 1. Investigation of kinetics. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	12
12	Irreversible sorption of Pb(II) from aqueous solution on breadfruit peel to mitigate environmental pollution problems. <i>Water Science and Technology</i> , 2019, 80, 2241-2249.	1.2	5
13	<i>Artocarpus odoratissimus</i> Leaves as an Eco-friendly Adsorbent for the Removal of Toxic Rhodamine B Dye in Aqueous Solution: Equilibrium Isotherm, Kinetics, Thermodynamics and Regeneration Studies. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6011-6020.	1.7	27
14	Biosorption of cationic dyes on breadfruit (<i>Artocarpus altilis</i>) peel and core. <i>Applied Water Science</i> , 2018, 8, 1.	2.8	23
15	Sodium hydroxide modified rice husk for enhanced removal of copper ions. <i>Water Science and Technology</i> , 2018, 78, 1615-1623.	1.2	3
16	A superb modified new adsorbent, <i>Artocarpus odoratissimus</i> leaves, for removal of cationic methyl violet 2B dye. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	17
17	Utilizing <i>Artocarpus altilis</i> (breadfruit) skin for the removal of malachite green: isotherm, kinetics, regeneration, and column studies. <i>Desalination and Water Treatment</i> , 2016, 57, 16601-16610.	1.0	14
18	Removal of crystal violet dye from aqueous solution using yeast-treated peat as adsorbent: thermodynamics, kinetics, and equilibrium studies. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	41

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19	Adsorption behaviour of Cr(VI) by Muthurajawela peat. <i>Desalination and Water Treatment</i> , 2016, 57, 16592-16600.	1.0	8
20	<i>Artocarpus camansi</i> Blanco (Breadnut) core as low-cost adsorbent for the removal of methylene blue: equilibrium, thermodynamics, and kinetics studies. <i>Desalination and Water Treatment</i> , 2016, 57, 5673-5685.	1.0	23
21	Investigation of the sorption characteristics of water lettuce (WL) as a potential low-cost biosorbent for the removal of methyl violet 2B. <i>Desalination and Water Treatment</i> , 2016, 57, 8319-8329.	1.0	14
22	Adsorption of crystal violet dye from aqueous solution onto chemically treated <i>Artocarpus odoratissimus</i> skin: equilibrium, thermodynamics, and kinetics studies. <i>Desalination and Water Treatment</i> , 2016, 57, 10246-10260.	1.0	30
23	<i>Artocarpus altilis</i> (breadfruit) skin as a potential low-cost biosorbent for the removal of crystal violet dye: equilibrium, thermodynamics and kinetics studies. <i>Environmental Earth Sciences</i> , 2015, 73, 3239-3247.	1.3	58
24	Removal behavior of peat collected from Brunei Darussalam for Pb(II) ions from aqueous solution: equilibrium isotherm, thermodynamics, kinetics and regeneration studies. <i>Environmental Earth Sciences</i> , 2015, 74, 2541-2551.	1.3	14
25	Effective adsorption of toxic brilliant green from aqueous solution using peat of Brunei Darussalam: isotherms, thermodynamics, kinetics and regeneration studies. <i>RSC Advances</i> , 2015, 5, 34603-34615.	1.7	51
26	Sorption characteristics of peat from Brunei Darussalam for the removal of rhodamine B dye from aqueous solution: adsorption isotherms, thermodynamics, kinetics and regeneration studies. <i>Desalination and Water Treatment</i> , 2015, 55, 664-677.	1.0	52
27	Sorption characteristics of peat of Brunei Darussalam V: removal of Congo red dye from aqueous solution by peat. <i>Desalination and Water Treatment</i> , 2015, 54, 2592-2600.	1.0	42
28	Biosorption and Desorption of Lead(II) by <i>Hydrilla verticillata</i> . <i>Bioremediation Journal</i> , 2014, 18, 192-203.	1.0	30
29	Sorption characteristics of peat of Brunei Darussalam IV: equilibrium, thermodynamics and kinetics of adsorption of methylene blue and malachite green dyes from aqueous solution. <i>Environmental Earth Sciences</i> , 2014, 72, 2263-2277.	1.3	49
30	Adsorption Behavior of Methyl Violet 2B Using Duckweed: Equilibrium and Kinetics Studies. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 6757-6765.	1.1	32
31	Biosorption of Cr(III) and Cr(VI) species from aqueous solution by <i>Cabomba caroliniana</i> : kinetic and equilibrium study. <i>Environmental Earth Sciences</i> , 2013, 70, 661-671.	1.3	25
32	Interaction of Cr(VI) species with thermally treated brick clay. <i>Environmental Science and Pollution Research</i> , 2011, 18, 75-81.	2.7	12
33	Investigation of kinetics of Cr(VI) fired brick clay interaction. <i>Journal of Hazardous Materials</i> , 2011, 188, 193-197.	6.5	18
34	Removal of blue colouration from industrial effluents by burnt brick particles. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2010, 28, 287.	0.1	1
35	Solvent extraction followed by ultraviolet detection for investigation of tetramethylthiuram disulfide at soil-water interface. <i>International Journal of Environmental Science and Technology</i> , 2008, 5, 547-554.	1.8	9
36	Removal of Sulfate, Phosphate and Colored Substances in Wastewater Effluents using Feldspar. <i>Water Resources Management</i> , 2000, 14, 417-434.	1.9	24

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37	<i>Artocarpus odoratissimus</i> skin as a potential low-cost biosorbent for the removal of methylene blue and methyl violet 2B. <i>Desalination and Water Treatment</i> , 0, , 1-12.	1.0	17
38	Characterization of peat samples collected from Brunei Darussalam and their evaluation as potential adsorbents for Cu(II) removal from aqueous solution. <i>Desalination and Water Treatment</i> , 0, , 1-15.	1.0	4
39	Enhancement of adsorption characteristics of Methyl violet 2B dye through NaOH treatment of <i>Cucumis melo</i> var. <i>cantalupensis</i> (rock melon) skin. , 0, 180, 336-348.		5
40	Converting <i>Hylocereus undatus</i> (white dragon fruit) peel waste into a useful potential adsorbent for the removal of toxic Congo red dye. , 0, 185, 307-317.		8
41	Biosorption of heavy metal ions on peel of <i>Artocarpus nobilis</i> fruit: 2. Improvement of biosorption capacities of Ni(II) through different modifications. , 0, 185, 226-236.		3
42	Synthesis, characterization, and textile dye adsorption studies of a kaolin-based polymer layer silicate composite. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	1.8	0