

# Namal Priyantha

## List of Publications by Year in descending order

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34  
papers

897  
citations

471371

17  
h-index

477173

29  
g-index

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34  
docs citations

34  
times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breadnut peel as a highly effective low-cost biosorbent for methylene blue: Equilibrium, thermodynamic and kinetic studies. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3216-S3228.	2.3	97
2	Enhancing adsorption capacity of toxic malachite green dye through chemically modified breadnut peel: equilibrium, thermodynamics, kinetics and regeneration studies. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 86-97.	1.2	88
3	<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
4	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
5	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
6	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
7	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
8	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
9	Biosorption of cadmium(II) and copper(II) ions from aqueous solution by core of <i>Artocarpus odoratissimus</i> . <i>Environmental Science and Pollution Research</i> , 2012, 19, 3250-3256.	2.7	37
10	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
11	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
12	<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
13	Effective and Simple NaOH-Modification Method to Remove Methyl Violet Dye via <i>Ipomoea aquatica</i> Roots. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-12.	1.5	25
14	<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
15	Biosorption of cationic dyes on breadfruit ( <i>Artocarpus altilis</i> ) peel and core. <i>Applied Water Science</i> , 2018, 8, 1.	2.8	23
16	Amperometric sensor for propanil. <i>Analytica Chimica Acta</i> , 1996, 320, 263-268.	2.6	22
17	Adsorption of heavy metal lead using <i>Citrus grandis</i> (Pomelo) leaves as low-cost adsorbent. , 0, 166, 44-52.		20
18	Investigation of kinetics of Cr(VI) fired brick clay interaction. <i>Journal of Hazardous Materials</i> , 2011, 188, 193-197.	6.5	18

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19	Biosorption of heavy metal ions on peel of <i>Artocarpus nobilis</i> fruit: Ni(II) sorption under static and dynamic conditions. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	18
20	<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
21	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
22	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
23	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
24	Electrocatalytic metalloporphyrin electrode for detection of organohalides. <i>Electrochimica Acta</i> , 1991, 36, 855-858.	2.6	13
25	Interaction of Cr(VI) species with thermally treated brick clay. <i>Environmental Science and Pollution Research</i> , 2011, 18, 75-81.	2.7	12
26	<i>Ipomoea aquatica</i> roots as environmentally friendly and green adsorbent for efficient removal of Auramine O dye. <i>Surfaces and Interfaces</i> , 2020, 20, 100543.	1.5	12
27	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
28	Cempedak Durian ( <i>Artocarpus</i> sp.) Peel as a Biosorbent for the Removal of Toxic Methyl Violet 2B from Aqueous Solution. <i>Korean Chemical Engineering Research</i> , 2015, 53, 576-583.	0.2	9
29	Correlation between firing temperature and defluoridation capacity of brick clay. <i>International Journal of Global Environmental Issues</i> , 2009, 9, 239.	0.1	6
30	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
31	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
32	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
33	Optimization of parameters for effective removal of Cr(VI) species by burnt brick clay. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2010, 38, 109.	0.1	4
34	Application of <i>Momordica charantia</i> (bitter gourd) waste for the removal of malachite green dye from aqueous solution. , 0, 154, 385-394.		3