Kedar Nath Ghimire

List of Publications by Year
in descending order

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33 papers	1,439 citations	430754 18 h-index	454834 30 g-index
34 all docs	34 docs citations	34 times ranked	1424 citing authors

#	Article	IF	Citations
1	Effective biosorption of arsenic from water using La(III) loaded carboxyl functionalized watermelon rind. Arabian Journal of Chemistry, 2022, 15, 103674.	2.3	9
2	Effective remediation of arsenate from contaminated water by zirconium modified pomegranate peel as an anion exchanger. Journal of Environmental Chemical Engineering, 2021, 9, 106552.	3.3	15
3	Agro-Waste Derived Biomass Impregnated with TiO2 as a Potential Adsorbent for Removal of As(III) from Water. Catalysts, 2020, 10, 1125.	1.6	26
4	Development of Biomass-Based Anion Exchanger for the Removal of Trace Concentration of Phosphate from Water. Journal of Nepal Chemical Society, 2020, 41, 56-63.	0.7	2
5	Removal and Recovery of Phosphate from Water and Wastewater Using Metal-Loaded Agricultural Waste-Based Adsorbents: A Review. Journal of Institute of Science and Technology, 2019, 24, 77-89.	0.2	17
6	Biosorbents for Removing Hazardous Metals and Metalloids. Materials, 2017, 10, 857.	1.3	25
7	Adsorptive Removal and Recovery of Aluminium (III), Iron (II), and Chromium (VI) onto a Low Cost Functionalized Phragmities Karka Waste. Journal of Institute of Science and Technology, 2015, 20, 145-152.	0.2	4
8	Adsorptive Removal of Strontium from Water by using Chemically Modified Orange Juice Residue. Separation Science and Technology, 2014, 49, 1244-1250.	1.3	12
9	Preparation of novel alginate based anion exchanger from Ulva japonica and its application for the removal of trace concentrations of fluoride from water. Bioresource Technology, 2013, 148, 221-227.	4.8	61
10	Adsorptive removal of trace concentration of fluoride ion from water by using dried orange juice residue. Chemical Engineering Journal, 2013, 223, 844-853.	6.6	50
11	Adsorption of Cd (II), Cu (II), and Zn (II) from Aqueous Solution onto Nitrogen-FunctionalizedDesmostachya bipinnata. Journal of Chemistry, 2013, 2013, 1-7.	0.9	18
12	Surface Modification of the Biowaste for Purification of Wastewater Contaminated with Toxic Heavy Metalsâ€"Lead and Cadmium. Advances in Chemical Engineering and Science, 2013, 03, 178-184.	0.2	7
13	Adsorption behavior of orange waste gel for some rare earth ions and its application to the removal of fluoride from water. Chemical Engineering Journal, 2012, 195-196, 289-296.	6.6	69
14	Preparation and Characterization of Charred Xanthated Sugarcane Bagasse for the Separation of Heavy Metals From Aqueous Solutions. Separation Science and Technology, 2010, 46, 330-339.	1.3	27
15	Adsorptive removal of As(V) and As(III) from water by a Zr(IV)-loaded orange waste gel. Journal of Hazardous Materials, 2008, 154, 1066-1074.	6.5	155
16	Adsorption study of metal ions onto crosslinked seaweed Laminaria japonica. Bioresource Technology, 2008, 99, 32-37.	4.8	85
17	Heavy metal removal from contaminated scallop waste for feed and fertilizer application. Bioresource Technology, 2008, 99, 2436-2441.	4.8	35
18	Effective Removal of Arsenic with Lanthanum(III)- and Cerium(III)-loaded Orange Waste Gels. Separation Science and Technology, 2008, 43, 2144-2165.	1.3	30

#	Article	IF	Citations
19	Adsorptive Separation of Metal Ions onto Phosphorylated Orange Waste. Separation Science and Technology, 2008, 43, 362-375.	1.3	20
20	Adsorptive Separation of Metallic Pollutants onto Waste Seaweeds,Porphyra YezoensisandUlva Japonica. Separation Science and Technology, 2007, 42, 2003-2018.	1.3	27
21	The adsorption of phosphate from an aquatic environment using metal-loaded orange waste. Journal of Colloid and Interface Science, 2007, 312, 214-223.	5.0	172
22	Leaching Kinetics of Cadmium from Scallop Waste by Dilute Sulfuric Acid Solution. Journal of Chemical Engineering of Japan, 2007, 40, 786-791.	0.3	4
23	Adsorptive Separation of Arsenic and Phosphorus from an Aquatic Environment Using Metal-loaded Orange Waste. Journal of Ion Exchange, 2007, 18, 428-433.	0.1	3
24	Adsorptive separation of heavy metals from an aquatic environment using orange waste. Hydrometallurgy, 2005, 79, 182-190.	1.8	124
25	Acidic polysaccharide gels for selective adsorption of lead (II) ion. Separation and Purification Technology, 2005, 42, 219-225.	3.9	64
26	Removal of fluoride using some lanthanum(III)-loaded adsorbents with different functional groups and polymer matrices. Journal of Chemical Technology and Biotechnology, 2003, 78, 1038-1047.	1.6	71
27	Adsorptive separation of arsenate and arsenite anions from aqueous medium by using orange waste. Water Research, 2003, 37, 4945-4953.	5.3	168
28	Ion Exchange Behavior of Some Metal Ions on Chemically Modified Biowastes. Journal of Ion Exchange, 2003, 14, 233-236.	0.1	0
29	Effective Use of Orange Juice Residue for Removing Heavy and Radioactive Metals from Environments. Geosystem Engineering, 2002, 5, 31-37.	0.7	2
30	ADSORPTIVE REMOVAL OF ARSENIC USING ORANGE JUICE RESIDUE. Separation Science and Technology, 2002, 37, 2785-2799.	1.3	126
31	Studies on Functionalization of Apple Waste for Heavy Metal Treatment. Nepal Journal of Science and Technology, 1970, 10, 135-139.	0.1	2
32	Removal of Fluoride from Aqueous Solution Using Biomass-Based Adsorbents: A Review. Journal of Nepal Chemical Society, 0, 40, 44-51.	0.7	5
33	Sequestration of phosphate from water onto modified watermelon waste loaded with Zr(IV). Separation Science and Technology, 0, , 1-13.	1.3	3