

Megh Raj Pokhrel

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

365
citations

840776

11
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Ru(bpy) ₃ ²⁺ /TiO ₂ -Codoped Zeolites: Synthesis, Characterization, and the Role of TiO ₂ in Electron Transfer Photocatalysis. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5374-5382.	2.6	66
2	Spectrophotometric Determination of Phosphate in Sugarcane Juice, Fertilizer, Detergent and Water Samples by Molybdenum Blue Method. <i>Scientific World</i> , 2013, 11, 58-62.	0.3	49
3	Synthesis, Characterization, and First Application of High Molecular Weight Polyacrylic Acid Derivatives Possessing Perfluorinated Side Chains and Chemically Linked Pyrene Labels. <i>Journal of Physical Chemistry B</i> , 2000, 104, 2215-2223.	2.6	36
4	Agro-Waste Derived Biomass Impregnated with TiO ₂ as a Potential Adsorbent for Removal of As(III) from Water. <i>Catalysts</i> , 2020, 10, 1125.	3.5	26
5	Ruthenium(II)-tris-bipyridine/titanium dioxide codoped zeolite Y photocatalysts: II. Photocatalyzed degradation of the model pollutant 2,4-xylidine, evidence for percolation behavior. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 477-486.	2.9	22
6	New insights in the photochromic spiro-dihydroindolizine/betaine-system. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1449-1456.	2.9	19
7	Adsorption of Cd (II), Cu (II), and Zn (II) from Aqueous Solution onto Nitrogen-Functionalized <i>Desmostachya bipinnata</i> . <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	18
8	Removal and Recovery of Phosphate from Water and Wastewater Using Metal-Loaded Agricultural Waste-Based Adsorbents: A Review. <i>Journal of Institute of Science and Technology</i> , 2019, 24, 77-89.	0.5	17
9	Effective remediation of arsenate from contaminated water by zirconium modified pomegranate peel as an anion exchanger. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106552.	6.7	15
10	Efficient biosorption of hexavalent chromium from water by modified arecanut leaf sheath. <i>Heliyon</i> , 2022, 8, e09283.	3.2	15
11	Maleimide-Functionalized Photochromic Spirodihydroindolizines. <i>Journal of Organic Chemistry</i> , 2013, 78, 1903-1909.	3.2	14
12	Physicochemical Studies on the Adsorption Properties of Asbestos. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 371-380.	9.4	11
13	Reconstitution of a Porin from <i>Mycobacterium smegmatis</i> at HOPG covered with hydrophobic host layers. <i>Surface and Interface Analysis</i> , 2004, 36, 127-134.	1.8	9
14	Effective biosorption of arsenic from water using La(III) loaded carboxyl functionalized watermelon rind. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103674.	4.9	9
15	Channel Blocking of MspA Revisited. <i>Langmuir</i> , 2013, 29, 308-315.	3.5	8
16	Removal of As(III) from Aqueous Solution Using Fe(III) Loaded Pomegranate Waste. <i>Journal of Nepal Chemical Society</i> , 0, 30, 29-36.	0.8	7
17	Poly-N-Isopropyl-acrylamide/Acrylic Acid Copolymers for the Generation of Nanostructures on Mica Surfaces and as Hydrophobic Host Systems for the Porin MspA from <i>Mycobacterium smegmatis</i> . <i>Journal of Physical Chemistry C</i> , 2009, 113, 16485-16494.	3.1	4
18	ADSORPTIVE REMOVAL OF PHOSPHATE ONTO IRON LOADED LITCHI CHINENSIS SEED WASTE. <i>Journal of Institute of Science and Technology</i> , 2019, 23, 81-87.	0.5	4

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19	Adsorptive Removal and Recovery of Aluminium (III), Iron (II), and Chromium (VI) onto a Low Cost Functionalized Phragmites Karka Waste. Journal of Institute of Science and Technology, 2015, 20, 145-152.	0.5	4
20	Developing New Strategies for the Treatment of Tuberculosis Employing Ruthenium(II)Quaterpyridyl Complexes. Journal of Nepal Chemical Society, 2009, 23, 2-10.	0.8	3
21	Adsorptive Removal of As(III) from Aqueous Solution. Journal of Institute of Science and Technology, 2015, 19, 150-154.	0.5	3
22	Sequestration of phosphate from water onto modified watermelon waste loaded with Zr(IV). Separation Science and Technology, 0, , 1-13.	2.5	3
23	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.	0.8	2
24	How Does Percolation Behavior Influence Binding? A Comparison of 2,4-Xylidine and 2,4-Dichlorophenol at/in Ruthenium(II)-tris-Bipyridine/Titanium Dioxide Co-doped Zeolite Y. Journal of Physical Chemistry C, 2009, 113, 4560-4565.	3.1	1
25	Photochemical Reactivity of Iron(III)-Doped Ruthenium(II)-tris- Bipyridine/Titanium Dioxide Zeolite Y Photocatalysts at High Substrate Concentrations. Journal of Advanced Oxidation Technologies, 2008, 11, .	0.5	0
26	Experimental Strategies Toward the Use of the Porin MspA as a Nanotemplate and for Biosensors. , 2008, , 19-39.		0