

Arshid Bashir

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,124
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

991
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide-decorated multiwalled carbon nanotubes: a selective electrochemical sensor for the detection of Pb(II) ion in aqueous media. Journal of Materials Science: Materials in Electronics, 2022, 33, 6178-6189.	2.2	8
2	The emerging role of quantum computations in elucidating adsorption mechanism of heavy metal ions: a review. Chemical Papers, 2022, 76, 3351-3370.	2.2	3
3	Catalytic propensity of biochar decorated with core-shell nZVI@Fe ₃ O ₄ : A sustainable photo-Fenton catalysis of methylene blue dye and reduction of 4-nitrophenol. Journal of Environmental Chemical Engineering, 2022, 10, 107401.	6.7	43
4	Studies on a glutathione coated hollow ZnO modified glassy carbon electrode; a novel Pb(II) selective electrochemical sensor. RSC Advances, 2021, 11, 18270-18278.	3.6	13
5	Citrate coated magnetite: A complete magneto dielectric, electrochemical and DFT study for detection and removal of heavy metal ions. Surfaces and Interfaces, 2021, 23, 101004.	3.0	21
6	Magnetically recyclable L-cysteine capped Fe ₃ O ₄ nanoadsorbent: A promising pH guided removal of Pb(II), Zn(II) and HCrO ₄ ⁻ contaminants. Journal of Environmental Chemical Engineering, 2021, 9, 105880.	6.7	23
7	Biomass-derived carbon quantum dots: a novel and sustainable fluorescent "ON/OFF" sensor for ferric ions. Analytical Methods, 2021, 13, 4756-4766.	2.7	19
8	Revisiting the Old and Golden Inorganic Material, Zirconium Phosphate: Synthesis, Intercalation, Surface Functionalization, and Metal Ion Uptake. Industrial & Engineering Chemistry Research, 2020, 59, 22353-22397.	3.7	29
9	Exploring Metal Ion Adsorption and Antifungal Properties of Carbon-Coated Magnetite Composite. ChemistrySelect, 2020, 5, 3208-3216.	1.5	6
10	Enhanced and Selective Adsorption of Zn(II), Pb(II), Cd(II), and Hg(II) Ions by a Dumbbell- and Flower-Shaped Potato Starch Phosphate Polymer: A Combined Experimental and DFT Calculation Study. ACS Omega, 2020, 5, 4853-4867.	3.5	73
11	Microwave-Assisted Hydrothermal Synthesis of Agglomerated Spherical Zirconium Phosphate for Removal of Cs ⁺ and Sr ²⁺ Ions from Aqueous System. , 2019, , 95-108.		4
12	Detection and removal of heavy metal ions: a review. Environmental Chemistry Letters, 2019, 17, 1495-1521.	16.2	429
13	Microwave-assisted synthesis of glutathione-coated hollow zinc oxide for the removal of heavy metal ions from aqueous systems. RSC Advances, 2019, 9, 15976-15985.	3.6	18
14	Removal of heavy metal ions from aqueous system by ion-exchange and biosorption methods. Environmental Chemistry Letters, 2019, 17, 729-754.	16.2	388
15	Exploring the ion exchange and separation capabilities of thermally stable acrylamide zirconium(IV) sulphosalicylate (AaZrSs) composite material. RSC Advances, 2016, 6, 35914-35927.	3.6	17
16	Soft Template Assisted Synthesis of Zirconium Resorcinol Phosphate Nanocomposite Material for the Uptake of Heavy-Metal Ions. Industrial & Engineering Chemistry Research, 2016, 55, 4820-4829.	3.7	22
17	Adsorption studies of Malachite green on 5-sulphosalicylic acid doped tetraethoxysilane (SATEOS) composite material. RSC Advances, 2015, 5, 92788-92798.	3.6	8