

# Arshid Bashir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5293086/publications.pdf>

Version: 2024-02-01

17  
papers

1,124  
citations

758635

12  
h-index

940134

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. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6178-6189.	1.1	8
2	The emerging role of quantum computations in elucidating adsorption mechanism of heavy metal ions: a review. <i>Chemical Papers</i> , 2022, 76, 3351-3370.	1.0	3
3	Catalytic propensity of biochar decorated with core-shell nZVI@Fe <sub>3</sub> O <sub>4</sub> : A sustainable photo-Fenton catalysis of methylene blue dye and reduction of 4-nitrophenol. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107401.	3.3	43
4	Studies on a glutathione coated hollow ZnO modified glassy carbon electrode; a novel Pb(II) selective electrochemical sensor. <i>RSC Advances</i> , 2021, 11, 18270-18278.	1.7	13
5	Citrate coated magnetite: A complete magneto dielectric, electrochemical and DFT study for detection and removal of heavy metal ions. <i>Surfaces and Interfaces</i> , 2021, 23, 101004.	1.5	21
6	Magnetically recyclable L-cysteine capped Fe <sub>3</sub> O <sub>4</sub> nanoadsorbent: A promising pH guided removal of Pb(II), Zn(II) and HCrO <sub>4</sub> <sup>-</sup> contaminants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105880.	3.3	23
7	Biomass-derived carbon quantum dots: a novel and sustainable fluorescent "ON/OFF" sensor for ferric ions. <i>Analytical Methods</i> , 2021, 13, 4756-4766.	1.3	19
8	Revisiting the Old and Golden Inorganic Material, Zirconium Phosphate: Synthesis, Intercalation, Surface Functionalization, and Metal Ion Uptake. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 22353-22397.	1.8	29
9	Exploring Metal Ion Adsorption and Antifungal Properties of Carbon-Coated Magnetite Composite. <i>ChemistrySelect</i> , 2020, 5, 3208-3216.	0.7	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. <i>ACS Omega</i> , 2020, 5, 4853-4867.	1.6	73
11	Microwave-Assisted Hydrothermal Synthesis of Agglomerated Spherical Zirconium Phosphate for Removal of Cs <sup>+</sup> and Sr <sup>2+</sup> Ions from Aqueous System. , 2019, , 95-108.		4
12	Detection and removal of heavy metal ions: a review. <i>Environmental Chemistry Letters</i> , 2019, 17, 1495-1521.	8.3	429
13	Microwave-assisted synthesis of glutathione-coated hollow zinc oxide for the removal of heavy metal ions from aqueous systems. <i>RSC Advances</i> , 2019, 9, 15976-15985.	1.7	18
14	Removal of heavy metal ions from aqueous system by ion-exchange and biosorption methods. <i>Environmental Chemistry Letters</i> , 2019, 17, 729-754.	8.3	388
15	Exploring the ion exchange and separation capabilities of thermally stable acrylamide zirconium(IV) sulphosalicylate (AaZrSs) composite material. <i>RSC Advances</i> , 2016, 6, 35914-35927.	1.7	17
16	Soft Template Assisted Synthesis of Zirconium Resorcinol Phosphate Nanocomposite Material for the Uptake of Heavy-Metal Ions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 4820-4829.	1.8	22
17	Adsorption studies of Malachite green on 5-sulphosalicylic acid doped tetraethoxysilane (SATEOS) composite material. <i>RSC Advances</i> , 2015, 5, 92788-92798.	1.7	8