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## THE ADSORPTION OF GASES ON PLANE SURFACES OF GLASS, MICA AND PLATINUM.

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2195	Simultaneous Removal of Multiple Heavy Metal Ions from River Water Using Ultrafine Mesoporous Magnetite Nanoparticles.		
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2190	Identifying the Recognition Site for Selective Trapping of <sup>99</sup> TcO <sub>4</sub> in a Hydrolytically Stable and Radiation Resistant Cationic MetalOrganic Framework.		

- 2189 Synthetic Polymer Affinity Ligand for *Bacillus thuringiensis* (Bt) Cry1Ab/Ac Protein: The Use of Biomimicry Based on the Bt Protein-Insect Receptor Binding Mechanism.
- 2188 Coordination Network That Reversibly Switches between Two Nonporous Polymorphs and a High Surface Area Porous Phase.
- 2187 Mechanisms of Synergistic Removal of Low Concentration As(V) by nZVI@Mg(OH)<sub>2</sub> Nanocomposite.
- 2186 Chitosan-Silica Hybrid Composites for Removal of Sulfonated Azo Dyes from Aqueous Solutions.
- 2185 Langmuir's Theory of Adsorption: A Centennial Review.
- 2184 Interaction of Cationic, Anionic, and Nonionic MacroRAFT Homo- and Copolymers with Laponite Clay.
- 2183 Bioinspired 2D-Carbon Flakes and Fe<sub>3</sub>O<sub>4</sub> Nanoparticles Composite for Arsenite Removal.
- 2182 Tunichrome-Inspired Gold-Enrichment Dispersion Matrix and Its Application in Water Treatment: A Proof-of-Concept Investigation.
- 2181 POM Constructed from Super-Sodalite Cage with Extra-Large 24-Membered Channels: Effective Sorbent for Uranium Adsorption.
- 2180 Selective Adsorption of Rare Earth Elements over Functionalized Cr-MIL-101.
- 2179 Nonlinear Chemical Sensitivity Enhancement of Nanowires in the Ultralow Concentration Regime.
- 2178 Hexadecyltrimethylammonium Bromide Surfactant-Supported Silica Material for the Effective Adsorption of Metanil Yellow Dye.
- 2177 Isoelectric Bovine Serum Albumin: Robust Blocking Agent for Enhanced Performance in Optical-Fiber Based DNA Sensing.
- 2176 Anionic Effects on Metal Pair of Se-Doped Nickel Diphosphide for Hydrogen Evolution Reaction.
- 2175 Graphene Oxide Decorated with Cerium(IV) Oxide in Determination of Ultratrace Metal Ions and Speciation of Selenium.
- 2174 Electrochemical and Surface-Plasmon Correlation of a Serum-Autoantibody Immunoassay with Binding Insights: Graphenyl Surface versus Mercapto-Monolayer Surface.
- 2173 Stealth Iron Oxide Nanoparticles for Organotropic Drug Targeting.
- 2172 High-Capacity and Photoregenerable Composite Material for Efficient Adsorption and Degradation of Phenanthrene in Water.

- <sup>2171</sup> Plasma-Facilitated Synthesis of Amidoxime/Carbon Nanofiber Hybrids for Effective Enrichment of <sup>238</sup>U(VI) and <sup>241</sup>Am(III). 5
- <sup>2170</sup> Nano-TiO<sub>2</sub> Imparts Amidoximated Wool Fibers with Good Antibacterial Activity and Adsorption Capacity for Uranium(VI) Recovery. 7
- <sup>2169</sup> Beiträge zur Kenntnis des Adsorptionsproblems. Die Sorption von Dämpfen durch Kohle. **1921**, 15, 185-338 5
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2148	Über Adsorption von Gasen an Natriumchlorid und wässriger Natriumchloridlösung. <b>1928</b> , 392, 307-384	5
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2062	ADSORPTION OF PHOSPHORUS BY FOUR SASKATCHEWAN SOILS. <b>1959</b> , 39, 64-75	30
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2059	Recent advances in ultra-high vacuum technology. <b>1959</b> , 9, 89-96	2
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776	Recycling Fe(III)/Cr(III) hydroxide, an industrial solid waste for the removal of phosphate from water. <b>2005</b> , 123, 127-34	82
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774	Batch and column studies on biosorption of acid dyes on fresh water macro alga <i>Azolla filiculoides</i> . <b>2005</b> , 125, 121-9	162
773	Removal of lead(II) by adsorption using treated granular activated carbon: batch and column studies. <b>2005</b> , 125, 211-20	539
772	Adsorption of Acid Red 57 from aqueous solutions onto surfactant-modified sepiolite. <b>2005</b> , 125, 252-9	271
771	Adsorption of Cd(II), Cu(II) and Ni(II) ions by <i>Lemna minor</i> L.: effect of physicochemical environment. <b>2005</b> , 126, 96-104	136
770	Removal of mixed heavy metal ions in wastewater by zeolite 4A and residual products from recycled coal fly ash. <b>2005</b> , 127, 89-101	508
769	Mechanisms and kinetics of trisodium 2-hydroxy-1,1'-azonaphthalene-3,4',6-trisulfonate adsorption onto chitosan. <b>2005</b> , 286, 433-9	42
768	Kinetics and equilibrium adsorption of Cu(II), Cd(II), and Ni(II) ions by chitosan functionalized with 2[-bis-(pyridylmethyl)aminomethyl]-4-methyl-6-formylphenol. <b>2005</b> , 291, 369-74	141

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705	Optimization of synthesis conditions for graft copolymerization of methacrylic acid onto Garcinia kola pods and use in the sequestration of cationic dyes from simulated wastewaters.	0
704	Phosphate adsorption improvement using a novel adsorbent by CaFe/LDH supported onto CO <sub>2</sub> activated biochar.	0
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673	Enrichment and isolation of syringin and oleuropein from <i>Syringa reticulata</i> subsp. <i>amurensis</i> branch bark ionic liquid extract via macroporous resin adsorption and desorption. <b>2022</b> , 189, 115813	1
672	Assessment of subsurface migration and simultaneous removal of Carbendazim in simulated constructed wetland through physical and numerical modeling. <b>2022</b> , 50, 103272	0
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661	Thermodynamic characteristics of high-pressure CH <sub>4</sub> adsorption on longmaxi shale subjected to supercritical CO <sub>2</sub> -water saturation. <b>2023</b> , 263, 125898	0
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640	Comparative study for removal of phosphorus from aqueous solution by natural and activated bentonite. <b>2022</b> , 12,	o
639	Synthesis of activated carbon from biodiesel waste as a sustainable environmental method using microwave heating.	o
638	Silica-Supported Alginates From Djiboutian Seaweed as Biomass-Derived Materials for Efficient Adsorption of Ni(II).	o
637	Modeling the iron storage protein ferritin reveals how residual ferrihydrite iron determines initial ferritin iron sequestration kinetics.	o
636	Effective removal of Cr (VI) ions using low-cost biomass leaves ( <i>Sambucus nigra</i> L.) in aqueous solution.	o
635	Eco-friendly and biodegradable dimethylacrylamide/starch hydrogels for controlled release of urea and its water retention.	o
634	In situ 3D spatiotemporal measurement of soluble biomarkers in spheroid culture.	o
633	Highly Functionalized Microporous Activated Biochar from <i>Syagrus coronata</i> Waste: Production, Characterization, and Application in Adsorption Studies. <b>2022</b> , 14, 3525	o
632	Carbonate Dimorphism, and the Reinterpretation of Rates of Lattice and Excess Oxygen-Driven Catalytic Cycles. <b>2022</b> ,	o
631	Isotherm, Kinetic, and Selectivity Studies for the Removal of <sup>133</sup> Ba and <sup>137</sup> Cs from Aqueous Solution Using Turkish Perlite. <b>2022</b> , 15, 7816	o
630	Kinetic adsorption of drugs using carbon nanofibers in simulated gastric and intestinal fluids.	o
629	ZnO/Cassava Starch-Based Hydrogel Composite for Effective Treatment of Dye-Contaminated Wastewater. 2200481	o
628	A semi-analytical approach to nonlinear multi-scale seepage problem in fractured shale gas reservoirs with uncertain permeability distributions. <b>2022</b> , 104841	o
627	Anchoring carboxylated pineapple peel cellulose and EDTA onto magnetic (3-aminopropyl)triethoxysilane to effective removal of copper(II) and zinc(II) from polluted water.	o
626	Performance of alcoholic solvents in the continuous countercurrent spent coffee grounds oil extraction. <b>2022</b> ,	o
625	Activation of Waste Materials with Carbon(IV) Oxide as an Effective Method of Obtaining Biochars of Attractive Sorption Properties towards Liquid and Gas Pollutants. <b>2022</b> , 15, 8000	o
624	Interfacial chemistry of mercury on thiol-modified biochar and its implication for adsorbent engineering. <b>2022</b> , 140310	o

- 623 Relevance of *Anethum graveolens* to remove Rhodamine B in aqueous solution: characterization, kinetic and isotherm study. ○
- 622 Static and dynamic sorption of DOM on Bond Elute PPL and Bondesil PPL sorbents: physical-chemical characteristics. 1-11 ○
- 621 Adsorption behavior of tannic acid on polyethylenimine-modified montmorillonite with different morphologies. ○
- 620 Bioadsorption of Fe (II) ions from aqueous solution using *Sargassum latifolium* aqueous extract and its synthesized silver nanoparticles. 1-14 ○
- 619 Novel adsorptive methods for the effective arsenic(III) removal from polluted water. ○
- 618 Na-alginate, polyaniline and polypyrrole composites with cellulosic biomass for the adsorptive removal of herbicide: Kinetics, equilibrium and thermodynamics studies. **2022**, 104399 ○
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- 616 Physico-Chemical Modifications Affecting the Activity and Stability of Cu-Based Hybrid Catalysts during the Direct Hydrogenation of Carbon Dioxide into Dimethyl-Ether. **2022**, 15, 7774 ○
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- 611 Adsorptive removal of arsenate from aqueous solution by iron oxide coated calcined freshwater snail shell. 1-20 ○
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- 606 Lead stabilization in soil using P-modified biochars derived from kitchen waste. **2022**, 28, 102953 ○

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604	NaHCO <sub>3</sub> assisted multifunctional Co <sub>3</sub> O <sub>4</sub> , CuO and Mn <sub>2</sub> O <sub>3</sub> nanoparticles for tartrazine removal from synthetic wastewater and biological activities. <b>2022</b> , 104946	1
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601	Strengthening the surface and adsorption properties of diatomite for removal of Cr(VI) and methylene blue dye. <b>2022</b> , 15,	1
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595	Fabrication of modified carbon nano tubes based composite using ionic liquid for phenol removal. <b>2022</b> , 533, 112792	0
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564	Synthesis of PAMAM dendrimers anchored to WS <sub>2</sub> nano-sheets for controlled delivery of docetaxel: Design, characterization and in vitro drug release. <b>2023</b> , 79, 104066	o
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560	Adsorption capacity of activated carbon derived from date seeds: Characterization, optimization, kinetic and equilibrium studies. <b>2023</b> , 313, 137554	1
559	Efficient removal of Hg(II) from dental effluents by thio-functionalized biochar derived from cape gooseberry ( <i>Physalis peruviana</i> L.) leaves. <b>2023</b> , 295, 127125	o
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