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List of articles citing

Application of adsorption process for phenolic compounds removal from aqueous environments: A systematic review

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#	Paper	IF	Citations
51	The influence of activation procedure on the physicochemical and sorption properties of activated carbons prepared from pistachio nutshells for removal of NO ₂ /H ₂ S gases and dyes. <i>Journal of Cleaner Production</i> , 2017 , 152, 211-222	10.3	36
50	Adsorptive Removal of Benzene and Toluene from Aqueous Environments by Cupric Oxide Nanoparticles: Kinetics and Isotherm Studies. <i>Journal of Chemistry</i> , 2017 , 2017, 1-10	2.3	14
49	Fly-Ash Incorporated Slurry and Fixed-Bed Approach for Heterogeneous Solar Photo-Fenton Degradation of Isoproturon. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 1901-1907	2.5	3
48	Experimental Investigation and Modeling of Nickel Removal from Wastewater Using Modified Rice Husk in Continuous Reactor by Response Surface Methodology. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2018 , 42, 315-323	1.1	15
47	Toxicological study for phenol using germling growth of the brown macroalga <i>Sargassum horneri</i> . <i>Journal of Applied Phycology</i> , 2018 , 30, 2083-2090	3.2	1
46	Kinetics and equilibrium study of 2-nitrophenol adsorption onto polyurethane cross-linked pine cone biomass. <i>Journal of Cleaner Production</i> , 2018 , 179, 191-209	10.3	45
45	Recovery of phenolic compounds from multi-component solution by a synthesized activated carbon using resorcinol and formaldehyde. <i>Water Science and Technology</i> , 2018 , 77, 456-466	2.2	3
44	Fabrication of magnetic nanoparticles coated with polyaniline for removal of 2, 4-dinitrophenol. <i>Journal of Physics: Conference Series</i> , 2018 , 1123, 012015	0.3	1
43	Adsorption-Oriented Processes Using Conventional and Non-conventional Adsorbents for Wastewater Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2018 , 23-71	0.8	49
42	Adsorptive treatment of coking wastewater using raw coal fly ash: Adsorption kinetic, thermodynamics and regeneration by Fenton process. <i>Chemosphere</i> , 2018 , 210, 624-632	8.4	35
41	Effective removal of mercury, arsenic and lead from aqueous media using Polyaniline-Fe ₃ O ₄ - silver diethyldithiocarbamate nanostructures. <i>Journal of Cleaner Production</i> , 2019 , 239, 118023	10.3	33
40	Effective Dephenolation of Effluent from Petroleum Industry Using Ionic-Liquid-Induced Hybrid Adsorbent. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 10017-10029	2.5	12
39	Polymer-based engineering materials for removal of nanowastes from water. 2019 , 217-243		
38	Photodegradation enhancement of 2-chlorophenol using ZnO@CdS@CS nanocomposite under visible light. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 6827-6838	3.3	16
37	Removal of Cu(II), Pb(II) and Cr(VI) ions from aqueous solution using amidoximated non-woven polyethylene-g-acrylonitrile fabric. <i>Journal of Environmental Health Science & Engineering</i> , 2019 , 17, 183-194	2.9	7
36	Equilibrium, kinetics and thermodynamics of hexavalent chromium biosorption on pristine and zinc chloride activated <i>Senna siamea</i> seed pods. <i>Chemistry and Ecology</i> , 2019 , 35, 379-396	2.3	35
35	Application of cadmium-doped ZnO for the solar photocatalytic degradation of phenol. <i>Water Science and Technology</i> , 2019 , 79, 375-385	2.2	9

34	Valorisation of olive mill wastewater by phenolic compounds adsorption: Development and application of a procedure for adsorbent selection. <i>Chemical Engineering Journal</i> , 2019 , 360, 124-138	14.7	23
33	Cactus material-based adsorbents for the removal of heavy metals and dyes: a review. <i>Materials Research Express</i> , 2020 , 7, 012002	1.7	9
32	Efficient removal of 2,4-dinitrophenol from synthetic wastewater and contaminated soil samples using free and immobilized laccases. <i>Journal of Environmental Management</i> , 2020 , 256, 109740	7.9	20
31	Removal of phenol from aqueous solution by coupling alternating current with biosorption. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 46488-46503	5.1	7
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29	Removal of vanadium from aquatic environment using phosphoric acid modified rice straw. <i>Bioremediation Journal</i> , 2020 , 24, 80-89	2.3	3
28	Removal of reactive red-198 dye using chitosan as an adsorbent: optimization by Central composite design coupled with response surface methodology. <i>Toxin Reviews</i> , 2021 , 40, 225-237	2.3	15
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26	Electrochemical Sensors Based on Conducting Polymers for the Aqueous Detection of Biologically Relevant Molecules. <i>Nanomaterials</i> , 2021 , 11,	5.4	20
25	Pre-irradiation Grafting of Acrylic Acid and Sodium Styrene Sulfonate on Non-woven Polyethylene Fabric for Heavy Metal Removal. <i>Environmental Research and Technology</i> ,	0.8	
24	Methylene Blue and Methyl Orange Dyes Removal using Low-Cost Composite of Banana Peel-TiO ₂ Adsorbent. <i>Journal of Physics: Conference Series</i> , 2021 , 1819, 012060	0.3	
23	Adsorption of petroleum products by modified and activated adsorbents. <i>Izvestija Vuzov: Prikladna Himija Biotehnologija</i> , 2021 , 11, 318-325	0.6	
22	Enhancing the electrical, optical, and structure morphology using Pr ₂ O ₃ -ZnO nanocomposites: Towards electronic varistors and environmental photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 418, 113399	4.7	6
21	Sporopollenin supported ionic liquids biosorbent for enhanced selective adsorption of 2,4-dinitrophenol from aqueous environment. <i>Materials Today Communications</i> , 2021 , 28, 102587	2.5	1
20	Optimal removal of diclofenac and amoxicillin by activated carbon prepared from coconut shell through response surface methodology. <i>South African Journal of Chemical Engineering</i> , 2021 , 38, 78-89	3.2	3
19	Imidazole-modified clinoptilolite as an efficient adsorbent for removal of 2, 4, 6- trichlorophenol: fabrication, characterization, kinetic and isotherm studies. <i>Microchemical Journal</i> , 2021 , 169, 106561	4.8	3
18	Removal of phenol and Baphthol from aqueous solution by decorated graphene oxide with magnetic iron for modified polyrhodanine as nanocomposite adsorbents: Kinetic, equilibrium and thermodynamic studies. <i>Reactive and Functional Polymers</i> , 2020 , 156, 104718	4.6	11
17	Synthesis of Molecularly Imprinted Polymers for the Selective Extraction /Removal of 2,4,6-trichlorophenol. <i>Open Chemical Engineering Journal</i> , 2019 , 13, 122-133	1.2	2

16	Study of Ultrasonic Regeneration and Adsorption of Humic Acid on Activated Carbon. <i>Health Scope</i> , 2018 , 7,	1.1	5
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13	A1 improve phenol tolerance and phytoextraction by L.. <i>International Journal of Phytoremediation</i> , 2022 , 1-8	3.9	0
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2	Removing Pollutants from Wastewater Using an Advanced Method. 2022 , 16, e03097		0
1	Adsorptive Dephenolization of Aqueous Solutions Using Thermally Modified Corn Cob: Mechanisms, Point of Zero Charge, and Isosteric Heat Studies. 2023 , 2023, 1-14		0