Nady A Fathy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5516826/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Removal of methylene blue by carbons derived from peach stones by H3PO4 activation: Batch and column studies. Dyes and Pigments, 2008, 76, 282-289.	3.7	229
2	Enhancement of TiO2 behavior on photocatalytic oxidation of MO dye using TiO2/AC under visible irradiation and sunlight radiation. Separation and Purification Technology, 2012, 98, 270-279.	7.9	91
3	Activated carbon xerogels for the removal of the anionic azo dyes Orange II and Chromotrope 2R by adsorption and catalytic wet peroxide oxidation. Chemical Engineering Journal, 2012, 195-196, 112-121.	12.7	81
4	Carbon nanotubes synthesis using carbonization of pretreated rice straw through chemical vapor deposition of camphor. RSC Advances, 2017, 7, 28535-28541.	3.6	73
5	Impact of chemical activation on the adsorption performance of common reed towards Cu(II) and Cd(II). International Journal of Mineral Processing, 2016, 157, 80-88.	2.6	69
6	Enhancement the photocatalytic degradation of methylene blue dye using fabricated CNTs/TiO2/AgNPs/Surfactant nanocomposites. Journal of Water Process Engineering, 2019, 28, 311-321.	5.6	69
7	Equilibrium, kinetic and thermodynamic studies of Pb(II) adsorption from aqueous solutions on HCl-treated Egyptian kaolin. Journal of Environmental Chemical Engineering, 2016, 4, 1674-1684.	6.7	65
8	Development of micro-mesoporous carbons from several seed hulls under varying conditions of activation. Microporous and Mesoporous Materials, 2011, 142, 518-525.	4.4	64
9	Effectiveness of Alkali-Acid Treatment in Enhancement the Adsorption Capacity for Rice Straw: The Removal of Methylene Blue Dye. , 2013, 2013, 1-15.		57
10	Modification in adsorption characteristics of activated carbon produced by H3PO4 under flowing gases. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 299, 79-87.	4.7	55
11	Oxidative degradation of RB19 dye by a novel γ-MnO2/MWCNT nanocomposite catalyst with H2O2. Journal of Environmental Chemical Engineering, 2013, 1, 858-864.	6.7	55
12	Potential of nano-carbon xerogels in the remediation of dye-contaminated water discharges. Desalination, 2011, 265, 169-176.	8.2	47
13	Novel approach for synthesizing different shapes of carbon nanotubes from rice straw residue. Journal of Environmental Chemical Engineering, 2018, 6, 6263-6274.	6.7	46
14	Textural and adsorption characteristics of carbon xerogel adsorbents for removal of Cu (II) ions from aqueous solution. Journal of Non-Crystalline Solids, 2012, 358, 741-747.	3.1	45
15	Adsorption of solophenyl red 3BL polyazo dye onto amine-functionalized mesoporous carbons. Journal of Colloid and Interface Science, 2017, 505, 593-604.	9.4	43
16	Biosorption and desorption studies on chromium(VI) by novel biosorbents of raw rutin and rutin resin. Journal of Environmental Chemical Engineering, 2015, 3, 1137-1145.	6.7	42
17	High Performance of UiO-66 Metal–Organic Framework Modified with Melamine for Uptaking of Lead and Cadmium from Aqueous Solutions. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 2557-2567.	3.7	38
18	Pore structure and adsorption properties of carbon xerogels derived from carbonization of tannic acid-resorcinol-formaldehyde resin. Journal of Analytical and Applied Pyrolysis, 2016, 119, 60-68.	5.5	31

NADY A FATHY

#	Article	IF	CITATIONS
19	Comparative study on the performance of carbon nanotubes prepared from agro- and xerogels as carbon supports. Journal of Analytical and Applied Pyrolysis, 2017, 128, 114-120.	5.5	31
20	Microporous nanohybrids of carbon xerogels and multi-walled carbon nanotubes for removal of rhodamine B dye. Journal of Water Process Engineering, 2018, 23, 165-173.	5.6	29
21	Activated carbon xerogel–chitosan composite materials for catalytic wet peroxide oxidation under intensified process conditions. Journal of Environmental Chemical Engineering, 2015, 3, 1243-1251.	6.7	24
22	Free- and Ni-doped carbon xerogels catalysts for wet peroxide oxidation of methyl orange. Journal of Water Process Engineering, 2017, 16, 21-27.	5.6	24
23	Comparative Biosorption Studies of Hexavalent Chromium Ion onto Raw and Modified Palm Branches. Advances in Physical Chemistry, 2013, 2013, 1-9.	2.0	23
24	Nitrogen and phosphorousâ€doped porous carbon xerogels as metalâ€free catalysts for environmental catalytic peroxide oxidation of 4â€nitrophenol. Asia-Pacific Journal of Chemical Engineering, 2016, 11, 836-845.	1.5	21
25	Synthesis of a novel MnO 2 @carbon nanotubes-graphene hybrid catalyst (MnO 2 @CNT-G) for catalytic oxidation of basic red 18 dye (BR18). Journal of Water Process Engineering, 2017, 17, 95-101.	5.6	21
26	Utilization of silica–chitosan nanocomposite for removal of 152+154Eu radionuclide from aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 439-455.	1.5	20
27	Utilization of Cotton Stalks-Biomass Waste in the Production of Carbon Adsorbents by KOH Activation for Removal of Dye-Contaminated Water. Carbon Letters, 2010, 11, 224-234.	5.9	19
28	Nanostructured activated carbon xerogels for removal of methomyl pesticide. Desalination and Water Treatment, 2016, 57, 9957-9970.	1.0	17
29	Effect of nanosized CeO ₂ or ZnO loading on adsorption and catalytic properties of activated carbon. Adsorption Science and Technology, 2017, 35, 774-788.	3.2	17
30	Micro-mesoporous modified activated carbon from corn husks for removal of hexavalent chromium ions. Applied Water Science, 2021, 11, 1.	5.6	17
31	Photodegradation of methyl orange dye by ZnO loaded onto carbon xerogels composites. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 4-12.	1.5	16
32	Nanocarbon hybrid for simultaneous removal of arsenic, iron and manganese ions from aqueous solutions. Heliyon, 2021, 7, e08218.	3.2	16
33	Equilibrium Removal of Pb (II) Ions from Aqueous Solution onto Oxidized-KOH-Activated Carbons. Carbon Letters, 2011, 12, 1-7.	5.9	15
34	Effect of Physical and Chemical Activation on the Removal of Hexavalent Chromium Ions Using Palm Tree Branches. ISRN Environmental Chemistry, 2014, 2014, 1-10.	0.9	14
35	<pre><scp>Wi</scp>uitia€walled carbon nanotubes supported amorphous <scp>Fe₂O₃</scp> and <scp>Ag₂Oâ€"Fe₂O₃</scp> as <scp>F</scp>enton catalysts for degradation of <scp>m</scp>axilon red dye. Asia-Pacific Journal of Chemical Engineering, 2018, 13,</pre>	1.5	14
36	e2104. Effect of Activation Temperature on Textural and Adsorptive Properties for Activated Carbon Derived from Local Reed Biomass: Removal of p-Nitrophenol. Environmental Research, Engineering and Management, 2012, 59, .	1.0	13

NADY A FATHY

#	Article	IF	CITATIONS
37	Effects of phosphoric acid activation on the nanopore structures of carbon xerogel/carbon nanotubes hybrids and their capacitance storage. Adsorption, 2017, 23, 355-360.	3.0	12
38	Preparation, characterization and catalytic performance of mesoporous silicates derived from natural diatomite: Comparative studies. Journal of Water Process Engineering, 2017, 19, 112-119.	5.6	12
39	A novel catalyst of ceria-nanorods loaded on carbon xerogel for catalytic wet oxidation of methyl green dye. Journal of the Taiwan Institute of Chemical Engineers, 2018, 88, 234-242.	5.3	12
40	Sorption of Ammonium Ions onto Natural and Modified Egyptian Kaolinites: Kinetic and Equilibrium Studies. Advances in Physical Chemistry, 2014, 2014, 1-12.	2.0	11
41	Abatement of p-Nitrophenol from Aqueous Solutions Using Oxidized Carbon Fiber. Egyptian Journal of Chemistry, 2017, 60, 1-3.	0.2	11
42	Development of Porosity and Copper(II) Ion Adsorption Capacity by Activated Nano-Carbon Xerogels in Relation to Treatment Schemes. Adsorption Science and Technology, 2011, 29, 943-961.	3.2	10
43	Preparation of Carbonaceous Hydrochar Adsorbents from Cellulose and Lignin Derived from Rice Straw. Egyptian Journal of Chemistry, 2017, 60, 8-9.	0.2	10
44	Impact of Air Convection on H3PO4-Activated Biomass for Sequestration of Cu (II) and Cd (II) Ions. Carbon Letters, 2009, 10, 114-122.	5.9	9
45	Fabrication of single-walled carbon nanotubes from vulcanized scrap rubber via thermal chemical vapor deposition. RSC Advances, 2017, 7, 12938-12944.	3.6	8
46	Novel trends for synthesis of carbon nanostructures from agricultural wastes. , 2020, , 59-74.		8
47	Superior adsorption of cationic dye on novel bentonite/carbon composites. Asia-Pacific Journal of Chemical Engineering, 2021, 16, .	1.5	8
48	Modified Carbon Nanostructures Obtained from Sugarcane Bagasse Hydrochar for Treating Chromium-polluted Water. Current Analytical Chemistry, 2021, 17, 975-988.	1.2	8
49	Modification of Adsorptive Properties of Bagasse Fly Ash for Uptaking Cadmium from Aqueous Solution. Environmental Research, Engineering and Management, 2013, 64, .	1.0	8
50	Carbon-based nanohybrid fabricated in-situ and boosted the adsorption of anionic reactive yellow dye. International Journal of Environmental Science and Technology, 2023, 20, 293-306.	3.5	7
51	Synthesis and capacitance performance of phosphorous-enriched carbon xerogel. Journal of Sol-Gel Science and Technology, 2017, 84, 515-521.	2.4	6
52	Effective treatment for environmental enhancing the performance of undesirable agroâ€waste in production of carbon nanostructures as adsorbent. Journal of Applied Polymer Science, 2021, 138, 50350.	2.6	6
53	Enhancing the pyrolysis of scrap rubber for carbon nanotubes/graphene production via chemical vapor deposition. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 347-354.	2.2	5
	Effect of pitrogen functionalization on the adcorption performance of commercial charges		-

⁵⁴ Effect of nitrogen functionalization on the adsorption performance of commercial charcoal activated with phosphoric acid., 0, 148, 178-187.

5

NADY A FATHY

#	Article	IF	CITATIONS
55	Equilibrium, kinetic and thermodynamic studies of the adsorption of acidic dye onto bagasse fly ash. Carbon Letters, 2011, 12, 143-151.	5.9	3
56	Effect of Chemical Oxidation on the Adsorption Properties of Cationic Dye on Activated Carbons Prepared from Locally Atropa belladonna. Egyptian Journal of Chemistry, 2018, 61, 380-390.	0.2	3
57	Sequestration of Methylene Blue and Lead ions by MWCNT Modified with Polyconducting Polymers. Egyptian Journal of Chemistry, 2017, .	0.2	2
58	Carbon xerogel/Carbon Nanotubes Nanohybrid Doped with Ti for Removal of Methylene Blue Dye. Egyptian Journal of Chemistry, 2019, .	0.2	2
59	Carbon-based nanomaterials for wastewater treatment. , 2021, , 367-384.		1
60	Green reduction of oxidized graphite to reduced graphene oxide using Zygophyllum album L.f.: Comparative adsorption studies on p-nitrophenol. Recent Innovations in Chemical Engineering, 2016, 08, 1-1.	0.4	0
61	Retarding the flammability of polypropylene based on the synergistic effect of montmorillonite and carbon nanotubes. Egyptian Journal of Chemistry, 2019, .	0.2	0
62	In2O3 catalyst supported on carbonaceous nanohybrid for enhancing the removal of methyl orange dye from aqueous solutions. , 0, 174, 344-353.		0