

Nady A Fathy

List of Publications by Year in descending order

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62
papers

1,718
citations

304368

22
h-index

301761

39
g-index

62
all docs

62
docs citations

62
times ranked

2043
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of methylene blue by carbons derived from peach stones by H ₃ PO ₄ activation: Batch and column studies. <i>Dyes and Pigments</i> , 2008, 76, 282-289.	2.0	229
2	Enhancement of TiO ₂ behavior on photocatalytic oxidation of MO dye using TiO ₂ /AC under visible irradiation and sunlight radiation. <i>Separation and Purification Technology</i> , 2012, 98, 270-279.	3.9	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. <i>Chemical Engineering Journal</i> , 2012, 195-196, 112-121.	6.6	81
4	Carbon nanotubes synthesis using carbonization of pretreated rice straw through chemical vapor deposition of camphor. <i>RSC Advances</i> , 2017, 7, 28535-28541.	1.7	73
5	Impact of chemical activation on the adsorption performance of common reed towards Cu(II) and Cd(II). <i>International Journal of Mineral Processing</i> , 2016, 157, 80-88.	2.6	69
6	Enhancement the photocatalytic degradation of methylene blue dye using fabricated CNTs/TiO ₂ /AgNPs/Surfactant nanocomposites. <i>Journal of Water Process Engineering</i> , 2019, 28, 311-321.	2.6	69
7	Equilibrium, kinetic and thermodynamic studies of Pb(II) adsorption from aqueous solutions on HCl-treated Egyptian kaolin. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1674-1684.	3.3	65
8	Development of micro-mesoporous carbons from several seed hulls under varying conditions of activation. <i>Microporous and Mesoporous Materials</i> , 2011, 142, 518-525.	2.2	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 H ₃ PO ₄ under flowing gases. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 299, 79-87.	2.3	55
11	Oxidative degradation of RB19 dye by a novel ¹³ MnO ₂ /MWCNT nanocomposite catalyst with H ₂ O ₂ . <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 858-864.	3.3	55
12	Potential of nano-carbon xerogels in the remediation of dye-contaminated water discharges. <i>Desalination</i> , 2011, 265, 169-176.	4.0	47
13	Novel approach for synthesizing different shapes of carbon nanotubes from rice straw residue. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6263-6274.	3.3	46
14	Textural and adsorption characteristics of carbon xerogel adsorbents for removal of Cu (II) ions from aqueous solution. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 741-747.	1.5	45
15	Adsorption of solophenyl red 3BL polyazo dye onto amine-functionalized mesoporous carbons. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 593-604.	5.0	43
16	Biosorption and desorption studies on chromium(VI) by novel biosorbents of raw rutin and rutin resin. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1137-1145.	3.3	42
17	High Performance of UiO-66 Metal-Organic Framework Modified with Melamine for Uptaking of Lead and Cadmium from Aqueous Solutions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2557-2567.	1.9	38
18	Pore structure and adsorption properties of carbon xerogels derived from carbonization of tannic acid-resorcinol-formaldehyde resin. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 119, 60-68.	2.6	31

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19	Comparative study on the performance of carbon nanotubes prepared from agro- and xerogels as carbon supports. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 128, 114-120.	2.6	31
20	Microporous nanohybrids of carbon xerogels and multi-walled carbon nanotubes for removal of rhodamine B dye. <i>Journal of Water Process Engineering</i> , 2018, 23, 165-173.	2.6	29
21	Activated carbon xerogel-chitosan composite materials for catalytic wet peroxide oxidation under intensified process conditions. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1243-1251.	3.3	24
22	Free- and Ni-doped carbon xerogels catalysts for wet peroxide oxidation of methyl orange. <i>Journal of Water Process Engineering</i> , 2017, 16, 21-27.	2.6	24
23	Comparative Biosorption Studies of Hexavalent Chromium Ion onto Raw and Modified Palm Branches. <i>Advances in Physical Chemistry</i> , 2013, 2013, 1-9.	2.0	23
24	Nitrogen and phosphorous-doped porous carbon xerogels as metal-free catalysts for environmental catalytic peroxide oxidation of 4-nitrophenol. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2016, 11, 836-845.	0.8	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). <i>Journal of Water Process Engineering</i> , 2017, 17, 95-101.	2.6	21
26	Utilization of silica-chitosan nanocomposite for removal of ¹⁵² + ¹⁵⁴ Eu radionuclide from aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 439-455.	0.7	20
27	Utilization of Cotton Stalks-Biomass Waste in the Production of Carbon Adsorbents by KOH Activation for Removal of Dye-Contaminated Water. <i>Carbon Letters</i> , 2010, 11, 224-234.	3.3	19
28	Nanostructured activated carbon xerogels for removal of methomyl pesticide. <i>Desalination and Water Treatment</i> , 2016, 57, 9957-9970.	1.0	17
29	Effect of nanosized CeO ₂ or ZnO loading on adsorption and catalytic properties of activated carbon. <i>Adsorption Science and Technology</i> , 2017, 35, 774-788.	1.5	17
30	Micro-mesoporous modified activated carbon from corn husks for removal of hexavalent chromium ions. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	17
31	Photodegradation of methyl orange dye by ZnO loaded onto carbon xerogels composites. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 4-12.	0.8	16
32	Nanocarbon hybrid for simultaneous removal of arsenic, iron and manganese ions from aqueous solutions. <i>Heliyon</i> , 2021, 7, e08218.	1.4	16
33	Equilibrium Removal of Pb (II) Ions from Aqueous Solution onto Oxidized-KOH-Activated Carbons. <i>Carbon Letters</i> , 2011, 12, 1-7.	3.3	15
34	Effect of Physical and Chemical Activation on the Removal of Hexavalent Chromium Ions Using Palm Tree Branches. <i>ISRN Environmental Chemistry</i> , 2014, 2014, 1-10.	0.9	14
35	Multi-walled carbon nanotubes supported amorphous Fe ₂ O ₃ and Ag ₂ O-Fe ₂ O ₃ as Fenton catalysts for degradation of methyl orange red dye. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018, 13, e2184.	0.8	14
36	Effect of Activation Temperature on Textural and Adsorptive Properties for Activated Carbon Derived from Local Reed Biomass: Removal of p-Nitrophenol. <i>Environmental Research, Engineering and Management</i> , 2012, 59, .	0.4	13

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37	Effects of phosphoric acid activation on the nanopore structures of carbon xerogel/carbon nanotubes hybrids and their capacitance storage. <i>Adsorption</i> , 2017, 23, 355-360.	1.4	12
38	Preparation, characterization and catalytic performance of mesoporous silicates derived from natural diatomite: Comparative studies. <i>Journal of Water Process Engineering</i> , 2017, 19, 112-119.	2.6	12
39	A novel catalyst of ceria-nanorods loaded on carbon xerogel for catalytic wet oxidation of methyl green dye. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 88, 234-242.	2.7	12
40	Sorption of Ammonium Ions onto Natural and Modified Egyptian Kaolinites: Kinetic and Equilibrium Studies. <i>Advances in Physical Chemistry</i> , 2014, 2014, 1-12.	2.0	11
41	Abatement of p-Nitrophenol from Aqueous Solutions Using Oxidized Carbon Fiber. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 1-3.	0.1	11
42	Development of Porosity and Copper(II) Ion Adsorption Capacity by Activated Nano-Carbon Xerogels in Relation to Treatment Schemes. <i>Adsorption Science and Technology</i> , 2011, 29, 943-961.	1.5	10
43	Preparation of Carbonaceous Hydrochar Adsorbents from Cellulose and Lignin Derived from Rice Straw. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 8-9.	0.1	10
44	Impact of Air Convection on H ₃ PO ₄ -Activated Biomass for Sequestration of Cu (II) and Cd (II) Ions. <i>Carbon Letters</i> , 2009, 10, 114-122.	3.3	9
45	Fabrication of single-walled carbon nanotubes from vulcanized scrap rubber via thermal chemical vapor deposition. <i>RSC Advances</i> , 2017, 7, 12938-12944.	1.7	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. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, .	0.8	8
48	Modified Carbon Nanostructures Obtained from Sugarcane Bagasse Hydrochar for Treating Chromium-polluted Water. <i>Current Analytical Chemistry</i> , 2021, 17, 975-988.	0.6	8
49	Modification of Adsorptive Properties of Bagasse Fly Ash for Uptaking Cadmium from Aqueous Solution. <i>Environmental Research, Engineering and Management</i> , 2013, 64, .	0.4	8
50	Carbon-based nanohybrid fabricated in-situ and boosted the adsorption of anionic reactive yellow dye. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 293-306.	1.8	7
51	Synthesis and capacitance performance of phosphorous-enriched carbon xerogel. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 515-521.	1.1	6
52	Effective treatment for environmental enhancing the performance of undesirable agro-waste in production of carbon nanostructures as adsorbent. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50350.	1.3	6
53	Enhancing the pyrolysis of scrap rubber for carbon nanotubes/graphene production via chemical vapor deposition. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 347-354.	1.2	5
54	Effect of nitrogen functionalization on the adsorption performance of commercial charcoal activated with phosphoric acid. , 0, 148, 178-187.		5

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55	Equilibrium, kinetic and thermodynamic studies of the adsorption of acidic dye onto bagasse fly ash. Carbon Letters, 2011, 12, 143-151.	3.3	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.	0.1	3
57	Sequestration of Methylene Blue and Lead ions by MWCNT Modified with Polyconducting Polymers. Egyptian Journal of Chemistry, 2017, .	0.1	2
58	Carbon xerogel/Carbon Nanotubes Nanohybrid Doped with Ti for Removal of Methylene Blue Dye. Egyptian Journal of Chemistry, 2019, .	0.1	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.	0.2	0
61	Retarding the flammability of polypropylene based on the synergistic effect of montmorillonite and carbon nanotubes. Egyptian Journal of Chemistry, 2019, .	0.1	0
62	In ₂ O ₃ catalyst supported on carbonaceous nanohybrid for enhancing the removal of methyl orange dye from aqueous solutions. , 0, 174, 344-353.		0