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List of Publications by Year
in descending order

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60 papers	5,453 citations	168829 31 h-index	145109 60 g-index
60 all docs	60 docs citations	60 times ranked	6792 citing authors

#	Article	IF	Citations
1	Sulfonated carbon: synthesis, properties and production of biodiesel. Chemical Engineering and Processing: Process Intensification, 2022, 170, 108668.	1.8	21
2	N-doped spherical activated carbon from dye adsorption: Bifunctional electrocatalyst for hydrazine oxidation and oxygen reduction. Journal of Environmental Chemical Engineering, 2022, 10, 107458.	3.3	4
3	Nitrogen-doped activated carbons with high performances for CO2 adsorption. Journal of CO2 Utilization, 2022, 61, 102013.	3.3	25
4	H3PO4â€“activated carbon fibers of high surface area from banana tree pseudo-stem fibers: Adsorption studies of methylene blue dye in batch and fixed bed systems. Journal of Molecular Liquids, 2021, 324, 114771.	2.3	53
5	Optimization of thermal conditions of sol-gel method for synthesis of TiO2 using RSM and its influence on photodegradation of tartrazine yellow dye. Journal of Environmental Chemical Engineering, 2021, 9, 104753.	3.3	18
6	Steam-activated carbon from malt bagasse: Optimization of preparation conditions and adsorption studies of sunset yellow food dye. Arabian Journal of Chemistry, 2021, 14, 103001.	2.3	37
7	The use of chemometric tools for screening and optimization of variables in the preparation and application of carbon-based materials. Journal of the Taiwan Institute of Chemical Engineers, 2021, 121, 321-336.	2.7	7
8	Optimization of Sibipiruna activated carbon preparation by simplex-centroid mixture design for simultaneous adsorption of rhodamine B and metformin. Journal of Hazardous Materials, 2021, 411, 125166.	6.5	51
9	Biochar from the mixture of poultry litter and charcoal fines as soil conditioner: Optimization of preparation conditions via response surface methodology. Bioresource Technology Reports, 2021, 15, 100800.	1.5	4
10	Caffeine adsorption on activated biochar derived from macrophytes (Eichornia crassipes). Journal of Molecular Liquids, 2021, 340, 117206.	2.3	19
11	Synthesis of superparamagnetic activated carbon for paracetamol removal from aqueous solution. Journal of Molecular Liquids, 2020, 300, 112282.	2.3	30
12	Optimization of sulfonation process for the development of carbon-based catalyst from crambe meal via response surface methodology. Energy Conversion and Management, 2020, 217, 112975.	4.4	33
13	Removal of Cu(II) from aqueous solutions imparted by a pectin-based film: Cytocompatibility, antimicrobial, kinetic, and equilibrium studies. International Journal of Biological Macromolecules, 2020, 152, 77-89.	3.6	15
14	Sugarcane vinasse-derived nanoporous N-S-doped carbon material decorated with Co: A new and efficient multifunctional electrocatalyst. International Journal of Hydrogen Energy, 2020, 45, 9669-9682.	3.8	20
15	Activated carbon fibers prepared from cellulose and polyesterâ€“derived residues and their application on removal of Pb2+ ions from aqueous solution. Journal of Molecular Liquids, 2019, 289, 111150.	2.3	20
16	Stevia residue as new precursor of CO2-activated carbon: Optimization of preparation condition and adsorption study of triclosan. Ecotoxicology and Environmental Safety, 2019, 172, 403-410.	2.9	38
17	KOH-super activated carbon from biomass waste: Insights into the paracetamol adsorption mechanism and thermal regeneration cycles. Journal of Hazardous Materials, 2019, 371, 499-505.	6.5	172
18	Nanoporous Heteroatom-Doped Carbons Derived from Cotton Waste: Efficient Hydrazine Oxidation Electrocatalysts. ACS Applied Energy Materials, 2019, 2, 2313-2323.	2.5	29

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19	Metal-free ovalbumin-derived N-S-co-doped nanoporous carbon materials as efficient electrocatalysts for oxygen reduction reaction. Applied Surface Science, 2019, 467-468, 75-83.	3.1	26
20	Chemometric study of thermal treatment effect on the P25 photoactivity for degradation of tartrazine yellow dye. Ceramics International, 2018, 44, 12292-12300.	2.3	11
21	New magnetic chitosan/alginate/Fe3O4@SiO2 hydrogel composites applied for removal of Pb(II) ions from aqueous systems. Chemical Engineering Journal, 2018, 337, 595-608.	6.6	118
22	Porosity enhancement of spherical activated carbon: Influence and optimization of hydrothermal synthesis conditions using response surface methodology. Journal of Environmental Chemical Engineering, 2018, 6, 991-999.	3.3	38
23	Mesoporous activated carbon fibers synthesized from denim fabric waste: Efficient adsorbents for removal of textile dye from aqueous solutions. Journal of Cleaner Production, 2018, 171, 482-490.	4.6	139
24	Adsorption of caffeine on mesoporous activated carbon fibers prepared from pineapple plant leaves. Ecotoxicology and Environmental Safety, 2018, 147, 64-71.	2.9	235
25	Bone char-derived metal-free N- and S-co-doped nanoporous carbon and its efficient electrocatalytic activity for hydrazine oxidation. Applied Catalysis B: Environmental, 2018, 225, 30-39.	10.8	115
26	Inexpensive Bismuth-Film Electrode Supported on Pencil-Lead Graphite for Determination of Pb(II) and Cd(II) Ions by Anodic Stripping Voltammetry. International Journal of Analytical Chemistry, 2018, 2018, 1-9.	0.4	23
27	CO2-spherical activated carbon as a new adsorbent for Methylene Blue removal: Kinetic, equilibrium and thermodynamic studies. Journal of Molecular Liquids, 2018, 269, 132-139.	2.3	72
28	Mesoporous Graphitic Carbon Nitrides Decorated with Cu Nanoparticles: Efficient Photocatalysts for Degradation of Tartrazine Yellow Dye. Nanomaterials, 2018, 8, 636.	1.9	16
29	Bone char prepared by CO2 atmosphere: Preparation optimization and adsorption studies of Remazol Brilliant Blue R. Journal of Cleaner Production, 2017, 161, 288-298.	4.6	47
30	Sol-gel synthesis of new TiO 2 /activated carbon photocatalyst and its application for degradation of tetracycline. Ceramics International, 2017, 43, 4411-4418.	2.3	135
31	Hydrothermal carbonization of coffee husk: Optimization of experimental parameters and adsorption of methylene blue dye. Journal of Environmental Chemical Engineering, 2017, 5, 4841-4849.	3.3	79
32	Preparation of biosorbents from the Jatoba (Hymenaea courbaril) fruit shell for removal of Pb(II) and Cd(II) from aqueous solution. Environmental Monitoring and Assessment, 2017, 189, 632.	1.3	17
33	Derivative cathodic stripping voltammetry in the simultaneous determination of three textile dyes in aqueous solutions. Coloration Technology, 2016, 132, 201-207.	0.7	1
34	Synthesis and application of Nâ€“S-doped mesoporous carbon obtained from nanocasting method using bone char as heteroatom precursor and template. Chemical Engineering Journal, 2016, 300, 54-63.	6.6	58
35	Mesoporous activated carbon from industrial laundry sewage sludge: Adsorption studies of reactive dye Remazol Brilliant Blue R. Chemical Engineering Journal, 2016, 303, 467-476.	6.6	220
36	Magnetic Activated Carbon Derived from Biomass Waste by Concurrent Synthesis: Efficient Adsorbent for Toxic Dyes. ACS Sustainable Chemistry and Engineering, 2016, 4, 1058-1068.	3.2	234

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37	Fibrous porous carbon electrocatalysts for hydrazine oxidation by using cellulose filter paper as precursor and self-template. Carbon, 2016, 102, 97-105.	5.4	28
38	NaOH-activated carbon of high surface area produced from guava seeds as a high-efficiency adsorbent for amoxicillin removal: Kinetic, isotherm and thermodynamic studies. Chemical Engineering Journal, 2016, 288, 778-788.	6.6	348
39	KOH-activated carbon prepared from sucrose spherical carbon: Adsorption equilibrium, kinetic and thermodynamic studies for Methylene Blue removal. Chemical Engineering Journal, 2016, 286, 476-484.	6.6	454
40	Percolation as new method of preparation of modified biosorbents for pollutants removal. Chemical Engineering Journal, 2016, 283, 1305-1314.	6.6	26
41	Application of Response Surface Methodology for the Optimization of Ultrasound-Assisted Extraction of Pomegranate (Punica granatum L.) Seed Oil. Food Analytical Methods, 2015, 8, 2392-2400.	1.3	20
42	A new method for lipid extraction using low-toxicity solvents developed for canola (Brassica napus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	15
43	Removal of tetracycline by NaOH-activated carbon produced from macadamia nut shells: Kinetic and equilibrium studies. Chemical Engineering Journal, 2015, 260, 291-299.	6.6	570
44	Synthesis of ZnCl2-activated carbon from macadamia nut endocarp (Macadamia integrifolia) by microwave-assisted pyrolysis: Optimization using RSM and methylene blue adsorption. Journal of Analytical and Applied Pyrolysis, 2014, 105, 166-176.	2.6	123
45	Thermally activated carbon from bovine bone: Optimization of synthesis conditions by response surface methodology. Journal of Analytical and Applied Pyrolysis, 2014, 110, 455-462.	2.6	18
46	N-doped ordered mesoporous carbons with improved charge storage capacity by tailoring N-dopant density with solvent-assisted synthesis. Journal of Materials Chemistry A, 2014, 2, 15181-15190.	5.2	50
47	Adsorption studies of methylene blue onto ZnCl2-activated carbon produced from buriti shells (Mauritia flexuosa L.). Journal of Industrial and Engineering Chemistry, 2014, 20, 4401-4407.	2.9	189
48	DPPH Assay Adapted to the FIA System for the Determination of the Antioxidant Capacity of Wines: Optimization of the Conditions Using the Response Surface Methodology. Food Analytical Methods, 2013, 6, 1424-1432.	1.3	14
49	Optimization of Antioxidant Compounds Extraction from Flesh of New Developed Apple Cultivar Using Response Surface Methodology. Food Analytical Methods, 2013, 6, 1407-1415.	1.3	11
50	The antioxidant activity of teas measured by the FRAP method adapted to the FIA system: Optimising the conditions using the response surface methodology. Food Chemistry, 2013, 138, 574-580.	4.2	43
51	Thermal regeneration study of high surface area activated carbon obtained from coconut shell: Characterization and application of response surface methodology. Journal of Analytical and Applied Pyrolysis, 2013, 101, 53-60.	2.6	81
52	Phytotoxicity and distribution of copper in tropical soil amended with sewage sludge and copper sulfate. Chemical Speciation and Bioavailability, 2012, 24, 97-104.	2.0	1
53	Ternary adsorption of acid dyes onto activated carbon from flamboyant pods (Delonix regia): Analysis by derivative spectrophotometry and response surface methodology. Chemical Engineering Journal, 2012, 195-196, 173-179.	6.6	51
54	Kinetic and equilibrium studies: Adsorption of food dyes Acid Yellow 6, Acid Yellow 23, and Acid Red 18 on activated carbon from flamboyant pods. Chemical Engineering Journal, 2012, 181-182, 243-250.	6.6	119

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55	NaOH-activated carbon of high surface area produced from coconut shell: Kinetics and equilibrium studies from the methylene blue adsorption. Chemical Engineering Journal, 2011, 174, 117-125.	6.6	464
56	Adsorption of methylene blue on activated carbon produced from flamboyant pods (Delonix regia): Study of adsorption isotherms and kinetic models. Chemical Engineering Journal, 2011, 168, 722-730.	6.6	432
57	Preparation and characterization of activated carbon from a new raw lignocellulosic material: Flamboyant (Delonix regia) pods. Journal of Environmental Management, 2011, 92, 178-184.	3.8	125
58	NaOH-activated carbon from flamboyant (Delonix regia) pods: Optimization of preparation conditions using central composite rotatable design. Chemical Engineering Journal, 2010, 162, 43-50.	6.6	76
59	Simultaneous Determination of the Textile Dyes in Industrial Effluents by First-Order Derivative Spectrophotometry. Analytical Sciences, 2009, 25, 487-492.	0.8	7
60	Spectrophotometric Determination of Blue Procion HEGN in Effluents of Textile Industry Exploiting the Dye Aggregation Effect and Flow Injection Analysis. Analytical Sciences, 2006, 22, 445-448.	0.8	8