

Moonis Ali Khan

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

5,420
citations

70961

41
h-index

98622

67
g-index

136
all docs

136
docs citations

136
times ranked

5577
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical, structural and combustion analyses to estimate the solid fuel efficacy of hydrochar developed by co-hydrothermal carbonization of food and municipal wastes. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 7075-7086.	2.9	4
2	Porous carbon-based material from fish scales for the adsorption of tetracycline antibiotics. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13153-13162.	2.9	10
3	Biohydrogen production from furniture waste via catalytic gasification in air over Ni-loaded Ultra-stable Y-type zeolite. <i>Chemical Engineering Journal</i> , 2022, 433, 133793.	6.6	41
4	Simultaneous co-hydrothermal carbonization and chemical activation of food wastes to develop hydrochar for aquatic environmental remediation. <i>Bioresource Technology</i> , 2022, 347, 126363.	4.8	24
5	A novel Sm doped Cr ₂ O ₃ sesquioxide-decorated MWCNTs heterostructured Fenton-like with sonophotocatalytic activities under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2022, 426, 127812.	6.5	7
6	Effect of torrefaction and fractional condensation on the quality of bio-oil from biomass pyrolysis for fuel applications. <i>Fuel</i> , 2022, 312, 122959.	3.4	18
7	Fabrication of magnetically recyclable nanocomposite as an effective adsorbent for the removal of malachite green from water. <i>Chemical Engineering Research and Design</i> , 2022, 177, 843-854.	2.7	21
8	Power generation and toluene bioremediation through single chamber benthic microbial fuel cell fed with sugarcane waste as a substrate. <i>International Journal of Energy Research</i> , 2022, 46, 8687-8699.	2.2	6
9	Comparative Investigation of the Physicochemical Properties of Chars Produced by Hydrothermal Carbonization, Pyrolysis, and Microwave-Induced Pyrolysis of Food Waste. <i>Polymers</i> , 2022, 14, 821.	2.0	4
10	Removal of Reactive Black 5 Dye by Banana Peel Biochar and Evaluation of Its Phytotoxicity on Tomato. <i>Sustainability</i> , 2022, 14, 4176.	1.6	27
11	Technical benefits of using methane as a pyrolysis medium for catalytic pyrolysis of Kraft lignin. <i>Bioresource Technology</i> , 2022, 353, 127131.	4.8	10
12	Integrated hydrothermal and deep eutectic solvent-mediated fractionation of lignocellulosic biocomponents for enhanced accessibility and efficient conversion in anaerobic digestion. <i>Bioresource Technology</i> , 2022, 351, 127034.	4.8	34
13	Influence of catalyst synthesis methods on anti-coking strength of perovskites derived catalysts in biogas dry reforming for syngas production. <i>Chemical Engineering Journal</i> , 2022, 437, 135348.	6.6	25
14	Photocatalytic activity of graphene oxide/zinc oxide nanocomposite derived from rice husk for the degradation of phenanthrene under ultraviolet-visible light. <i>Journal of Water Process Engineering</i> , 2022, 47, 102714.	2.6	17
15	Physicochemical properties and combustion kinetics of food waste derived hydrochars. <i>Journal of King Saud University - Science</i> , 2022, 34, 101941.	1.6	12
16	Catalytic pyrolysis of chicken manure over various catalysts. <i>Fuel</i> , 2022, 322, 124241.	3.4	10
17	Green Synthesis of Silver Nanoparticles Using <i>Allium cepa</i> var. <i>Aggregatum</i> Natural Extract: Antibacterial and Cytotoxic Properties. <i>Nanomaterials</i> , 2022, 12, 1725.	1.9	7
18	Efficiency of diesel-contaminated soil washing with different tween 80 surfactant concentrations, pH, and bentonite ratios. <i>Environmental Research</i> , 2022, 214, 113830.	3.7	15

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19	Carbon Based Polymeric Nanocomposites for Dye Adsorption: Synthesis, Characterization, and Application. <i>Polymers</i> , 2021, 13, 419.	2.0	27
20	UPLC-MS/MS and Dushman reaction based spectrophotometric method for determination of Ceftazidime, an antibiotic, in medicinal formulation. <i>Food Science and Technology</i> , 2021, 41, 225-231.	0.8	3
21	Water decontamination using bio-based, chemically functionalized, doped, and ionic liquid-enhanced adsorbents: review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3075-3114.	8.3	34
22	Smart Adsorbents for Aquatic Environmental Remediation. <i>Small</i> , 2021, 17, e2007840.	5.2	37
23	Extraction Procedures and Analytical Methods for the Determination of Methylene Blue, Rhodamine B and Crystal Violet - An Overview. <i>Current Analytical Chemistry</i> , 2021, 17, 708-728.	0.6	13
24	Upcycling olive oil cake through wet torrefaction to produce hydrochar for water decontamination. <i>Chemical Engineering Research and Design</i> , 2021, 170, 13-22.	2.7	26
25	Exploration of Microbial Factories for Synthesis of Nanoparticles – A Sustainable Approach for Bioremediation of Environmental Contaminants. <i>Frontiers in Microbiology</i> , 2021, 12, 658294.	1.5	55
26	Metal-Based Nanocomposite Materials for Efficient Photocatalytic Degradation of Phenanthrene from Aqueous Solutions. <i>Polymers</i> , 2021, 13, 2374.	2.0	12
27	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2104148.	7.8	116
28	Ionic liquid-based antimicrobial materials for water treatment, air filtration, food packaging and anticorrosion coatings. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102454.	7.0	43
29	Chitosan/Phosphate Rock-Derived Natural Polymeric Composite to Sequester Divalent Copper Ions from Water. <i>Nanomaterials</i> , 2021, 11, 2028.	1.9	15
30	Copper Extraction from Oxide Ore of Almalyk Mine by H ₂ SO ₄ in Simulated Heap Leaching: Effect of Particle Size and Acid Concentration. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1020.	0.8	4
31	An overview on non-spherical semiconductors for heterogeneous photocatalytic degradation of organic water contaminants. <i>Chemosphere</i> , 2021, 280, 130907.	4.2	84
32	Catalytic pyrolysis of polypropylene over Ga loaded HZSM-5. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 103, 136-141.	2.9	26
33	Waste furniture gasification using rice husk based char catalysts for enhanced hydrogen generation. <i>Bioresource Technology</i> , 2021, 341, 125813.	4.8	22
34	Pilot-scale study on photodegradation of benzophenone-3 and benzophenone-8 ultraviolet filters enriched synthetic effluent. <i>Journal of Water Process Engineering</i> , 2021, 44, 102327.	2.6	4
35	Post-Treatment of Palm Oil Mill Effluent Using Immobilised Green Microalgae <i>Chlorococcum oleofaciens</i> . <i>Sustainability</i> , 2021, 13, 11562.	1.6	2
36	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications (Adv. Funct. Mater. 42/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170312.	7.8	3

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37	Quantitative Analysis of Malachite Green in Environmental Samples Using Liquid Chromatography-Mass Spectrometry. <i>Water</i> (Switzerland), 2021, 13, 2864.	1.2	6
38	A Comparative Study on Hexavalent Chromium Adsorption onto Chitosan and Chitosan-Based Composites. <i>Polymers</i> , 2021, 13, 3427.	2.0	25
39	Optimization of bromate adsorption onto Fe-CNTs nanocomposite using response surface methodology. <i>Water S A</i> , 2021, 47, .	0.2	1
40	Systematic Assessment of Visible-Light-Driven Microspherical V ₂ O ₅ Photocatalyst for the Removal of Hazardous Organosulfur Compounds from Diesel. <i>Nanomaterials</i> , 2021, 11, 2908.	1.9	21
41	Waste sludge derived adsorbents for arsenate removal from water. <i>Chemosphere</i> , 2020, 239, 124832.	4.2	34
42	New Ultra Performance liquid chromatography-mass spectrometric method for the determination of allura red in soft drinks using corncob as solid phase extraction sorbent: Analysis and food waste management approach. <i>Journal of King Saud University - Science</i> , 2020, 32, 1135-1141.	1.6	14
43	Silico-manganese fumes waste encapsulated cryogenic alginate beads for aqueous environment de-colorization. <i>Journal of Cleaner Production</i> , 2020, 244, 118867.	4.6	73
44	Pyrolytic remediation of crude oil-contaminated soil. <i>Science of the Total Environment</i> , 2020, 713, 136498.	3.9	46
45	A facile approach to develop industrial waste encapsulated cryogenic alginate beads to sequester toxic bivalent heavy metals. <i>Journal of King Saud University - Science</i> , 2020, 32, 1444-1450.	1.6	16
46	Biofloculants Produced by Bacterial Strains Isolated from Palm Oil Mill Effluent for Application in the Removal of Eriochrome Black T Dye from Water. <i>Polymers</i> , 2020, 12, 1545.	2.0	12
47	Oxygenated functionalities enriched MWCNTs decorated with silica coated spinel ferrite "A nanocomposite for potentially rapid and efficient de-colorization of aquatic environment. <i>Journal of Molecular Liquids</i> , 2020, 317, 113916.	2.3	102
48	Kinetic Studies on the Catalytic Degradation of Rhodamine B by Hydrogen Peroxide: Effect of Surfactant Coated and Non-Coated Iron (III) Oxide Nanoparticles. <i>Polymers</i> , 2020, 12, 2246.	2.0	14
49	Development of Ultra-Performance Liquid Chromatography"Mass Spectrometry Method for Simultaneous Determination of Three Cationic Dyes in Environmental Samples. <i>Molecules</i> , 2020, 25, 4564.	1.7	15
50	Oil industry waste based non-magnetic and magnetic hydrochar to sequester potentially toxic post-transition metal ions from water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123247.	6.5	132
51	Recent Developments in the Rational Fabrication of Thin Film Nanocomposite Membranes for Water Purification and Desalination. <i>ACS Omega</i> , 2020, 5, 3792-3800.	1.6	53
52	Removal of Rhodamine B from Water Using a Solvent Impregnated Polymeric Dowex 5WX8 Resin: Statistical Optimization and Batch Adsorption Studies. <i>Polymers</i> , 2020, 12, 500.	2.0	44
53	Corncob Waste Based Adsorbent for Solid Phase Extraction of Tartrazine in Carbonated Drinks and Analytical Method using Ultra Performance Liquid Chromatography-Mass Spectrometry. <i>Current Analytical Chemistry</i> , 2020, 16, 924-932.	0.6	6
54	Combined effects of sulfamethazine and sulfamethoxazole on a freshwater microalga, <i>Scenedesmus obliquus</i> : toxicity, biodegradation, and metabolic fate. <i>Journal of Hazardous Materials</i> , 2019, 370, 138-146.	6.5	176

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55	A review on exfoliation, characterization, environmental and energy applications of graphene and graphene-based composites. <i>Advances in Colloid and Interface Science</i> , 2019, 273, 102036.	7.0	74
56	Algae as a green technology for heavy metals removal from various wastewater. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 75.	1.7	124
57	Identification of malachite green in industrial wastewater using lignocellulose biomass composite bio-sorbent and UPLC-MS/MS: a green environmental approach. <i>Chemical Engineering Research and Design</i> , 2019, 126, 160-166.	2.7	22
58	Recyclable glutaraldehyde cross-linked polymeric tannin to sequester hexavalent uranium from aqueous solution. <i>Journal of Molecular Liquids</i> , 2019, 281, 29-38.	2.3	25
59	Toxicity of sulfamethazine and sulfamethoxazole and their removal by a green microalga, <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2019, 218, 551-558.	4.2	117
60	Unary and binary adsorption studies of lead and malachite green onto a nanomagnetic copper ferrite/drumstick pod biomass composite. <i>Journal of Hazardous Materials</i> , 2019, 365, 759-770.	6.5	118
61	Heteroatom-doped magnetic hydrochar to remove post-transition and transition metals from water: Synthesis, characterization, and adsorption studies. <i>Chemosphere</i> , 2019, 218, 1089-1099.	4.2	106
62	A magnetic nanocomposite produced from camel bones for an efficient adsorption of toxic metals from water. <i>Journal of Cleaner Production</i> , 2018, 178, 293-304.	4.6	133
63	A rapid and sensitive evaluation of nitrite content in Saudi Arabian processed meat and poultry using a novel ultra performance liquid chromatography-mass spectrometry method. <i>Journal of Food Science and Technology</i> , 2018, 55, 198-204.	1.4	5
64	Development of citric anhydride anchored mesoporous MOF through post synthesis modification to sequester potentially toxic lead (II) from water. <i>Microporous and Mesoporous Materials</i> , 2018, 261, 198-206.	2.2	146
65	HIGH THROUGHPUT ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY - MASS SPECTROMETRIC METHOD FOR DETERMINATION OF ADRENALINE AND CHARACTERIZATION OF ITS STRESS DEGRADATION PRODUCTS: A MECHANISTIC APPROACH. <i>Journal of the Chilean Chemical Society</i> , 2018, 63, 3803-3810.	0.5	2
66	Cetyltrimethylammonium bromide intercalated and branched polyhydroxystyrene functionalized montmorillonite clay to sequester cationic dyes. <i>Journal of Environmental Management</i> , 2018, 219, 285-293.	3.8	137
67	Bioremediation and Electricity Generation by Using Open and Closed Sediment Microbial Fuel Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 3348.	1.5	43
68	Antifouling hybrid ultrafiltration membranes with high selectivity fabricated from polysulfone and sulfonic acid functionalized TiO ₂ nanotubes. <i>Chemical Engineering Journal</i> , 2017, 316, 573-583.	6.6	94
69	Synthesis of CTAB intercalated graphene and its application for the adsorption of AR265 and AO7 dyes from water. <i>Journal of Colloid and Interface Science</i> , 2017, 493, 51-61.	5.0	83
70	Dodecyl sulfate chain-anchored mercerized lignocellulose agro-waste: An effective and sustainable adsorbent to sequester heavy metal ions from an aqueous phase. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1676-1684.	1.3	10
71	Aqueous phase degradation of methyl paraben using UV-activated persulfate method. <i>Chemical Engineering Journal</i> , 2017, 321, 11-19.	6.6	140
72	Development of adsorption and electrosorption techniques for removal of organic and inorganic pollutants from wastewater using novel magnetite/porous graphene-based nanocomposites. <i>Separation and Purification Technology</i> , 2017, 188, 206-218.	3.9	141

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73	Mercerized mesoporous date pit activated carbonâ€”A novel adsorbent to sequester potentially toxic divalent heavy metals from water. PLoS ONE, 2017, 12, e0184493.	1.1	41
74	SOLID PHASE EXTRACTION AND LC-MS/MS METHOD FOR QUANTIFICATION OF VENLAFAXINE AND ITS ACTIVE METABOLITE O-DESMETHYL VENLAFAXINE IN RAT PLASMA. Journal of the Chilean Chemical Society, 2016, 61, 3130-3135.	0.5	2
75	High-Throughput UPLCâ€”MS Method for the Determination of N-Acetyl-L-Cysteine: Application in Tissue Distribution Study in Wistar Rats. Journal of Chromatographic Science, 2016, 54, 1244-1252.	0.7	9
76	Dodecyl sulfate chain anchored mesoporous graphene: Synthesis and application to sequester heavy metal ions from aqueous phase. Chemical Engineering Journal, 2016, 304, 431-439.	6.6	38
77	Adsorption of methylene blue on chemically modified pine nut shells in single and binary systems: isotherms, kinetics, and thermodynamic studies. Desalination and Water Treatment, 2016, 57, 15848-15861.	1.0	36
78	HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD FOR THE QUANTITATIVE ANALYSIS OF CEFUROXIME IN PHARMACEUTICAL PREPARATIONS. Journal of the Chilean Chemical Society, 2015, 60, 2869-2871.	0.5	6
79	Solâ€”gel assisted synthesis of porous nano-crystalline CoFe 2 O 4 composite and its application in the removal of brilliant blue-R from aqueous phase: An ecofriendly and economical approach. Chemical Engineering Journal, 2015, 279, 416-424.	6.6	49
80	Comparative removal of phenols and its chlorinated derivatives by carbon-coated monolith: equilibrium, kinetics and regeneration studies. Desalination and Water Treatment, 2015, 54, 393-404.	1.0	11
81	Biosorption potential assessment of modified pistachio shell waste for methylene blue: thermodynamics and kinetics study. Desalination and Water Treatment, 2015, 56, 146-160.	1.0	27
82	Synthesis, characterization of PMDA/TMSPEDA hybrid nano-composite and its applications as an adsorbent for the removal of bivalent heavy metals ions. Chemical Engineering Journal, 2015, 270, 9-21.	6.6	65
83	Synthesis, characterization, and application of Fe-CNTs nanocomposite for BrO ₃ ⁻ remediation from water samples. Journal of Industrial and Engineering Chemistry, 2015, 26, 218-225.	2.9	16
84	Adsorption of methylene blue on strongly basic anion exchange resin (Zerolit DMF): kinetic, isotherm, and thermodynamic studies. Desalination and Water Treatment, 2015, 53, 515-523.	1.0	24
85	Applications of graphene and its derivatives as an adsorbent for heavy metal and dye removal: a systematic and comprehensive overview. RSC Advances, 2015, 5, 50392-50420.	1.7	240
86	Kinetics, thermodynamics, and isotherm studies for the adsorption of BR2 dye onto avocado integument. Desalination and Water Treatment, 2015, 53, 826-835.	1.0	27
87	Adsorption/desorption of cationic dye on surfactant modified mesoporous carbon coated monolith: Equilibrium, kinetic and thermodynamic studies. Journal of Industrial and Engineering Chemistry, 2015, 21, 369-377.	2.9	86
88	Preparation and characterization of organicâ€”inorganic hybrid anion-exchange membranes for electro dialysis. Journal of Industrial and Engineering Chemistry, 2015, 21, 723-730.	2.9	33
89	Developments in activated functionalized carbons and their applications in water decontamination: a review. Desalination and Water Treatment, 2015, 54, 422-449.	1.0	19
90	IMPACT OF BRUNAUER EMMETT TELLER ISOTHERM ON RESEARCH IN SCIENCE CITATION INDEX EXPANDED. Environmental Engineering and Management Journal, 2015, 14, 2163-2168.	0.2	9

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91	Quantitative Assessment of Cefuroxime: A Second Generation Cephalosporin in Pharmaceutical Formulations and Spiked Plasma Using Ultra Performance Liquid Chromatography-Tandem Mass Spectrometry. Asian Journal of Chemistry, 2014, 26, 8479-8482.	0.1	1
92	Adsorption of Nickel on Electric Arc Furnace Slag: Batch and Column Studies. Separation Science and Technology, 2014, 49, 388-397.	1.3	20
93	Fabrication of mesoporous carbons coated monolith via evaporative induced self-assembly approach: Effect of solvent and acid concentration on pore architecture. Journal of Industrial and Engineering Chemistry, 2014, 20, 4286-4292.	2.9	9
94	Adsorptive removal of nitrate from synthetic and commercially available bottled water samples using De-Acidite FF-IP resin. Journal of Industrial and Engineering Chemistry, 2014, 20, 3400-3407.	2.9	18
95	ADSORPTION OF COBALT ONTO GRAPHITE NANOCARBON-IMPREGNATED ALGINATE BEADS: EQUILIBRIUM, KINETICS, AND THERMODYNAMICS STUDIES. Chemical Engineering Communications, 2014, 201, 403-418.	1.5	25
96	Quantitative determination of methylene blue in environmental samples by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry: a green approach. RSC Advances, 2014, 4, 34037-34044.	1.7	51
97	Application of Carbon Nanotubes in Heavy Metals Remediation. Critical Reviews in Environmental Science and Technology, 2014, 44, 1000-1035.	6.6	70
98	Sorption studies of manganese and cobalt from aqueous phase onto alginate beads and nano-graphite encapsulated alginate beads. Journal of Industrial and Engineering Chemistry, 2014, 20, 4353-4362.	2.9	24
99	Equilibrium, kinetics and thermodynamic studies for the removal of organophosphorus pesticide using Amberlyst-15 resin: Quantitative analysis by liquid chromatography-mass spectrometry. Journal of Industrial and Engineering Chemistry, 2014, 20, 4393-4400.	2.9	36
100	Polyaniline modified organic-inorganic hybrid cation-exchange membranes for the separation of monovalent and multivalent ions. Desalination, 2013, 325, 95-103.	4.0	42
101	Acid modified carbon coated monolith for methyl orange adsorption. Chemical Engineering Journal, 2013, 215-216, 747-754.	6.6	119
102	An ultra performance liquid chromatography-electrospray ionization-mass spectrometry method for the rapid analysis of nitrate in drinking water. Analytical Methods, 2013, 5, 1225.	1.3	11
103	Kinetic and isotherm studies for lead adsorption from aqueous phase on carbon coated monolith. Chemical Engineering Journal, 2013, 217, 248-255.	6.6	81
104	Recent Developments in Ion-Exchange Membranes and Their Applications in Electrochemical Processes for <i>in situ</i> Ion Substitutions, Separation and Water Splitting. Separation and Purification Reviews, 2013, 42, 187-261.	2.8	31
105	Electro-membrane reactor for the conversion of lysine monohydrochloride to lysine by <i>in situ</i> ion substitution and separation. Journal of Chemical Technology and Biotechnology, 2013, 88, 910-918.	1.6	4
106	Adsorptive Separation Studies of β -Carotene from Methyl Ester Using Mesoporous Carbon Coated Monolith. Journal of Chemistry, 2013, 2013, 1-6.	0.9	5
107	Permanganate Oxidation of Sulfadiazine: Analytical Method Development and Kinetic Study. Analytical Chemistry Letters, 2013, 3, 7-17.	0.4	0
108	β -CAROTENE ADSORPTION ONTO MESOPOROUS CARBON-COATED MONOLITH COLUMN: DYNAMIC STUDIES. Chemical Engineering Communications, 2013, 200, 1322-1333.	1.5	1

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109	Quantitative Analysis of Ceftriaxone Sodium in Parenteral Dosage Form. Asian Journal of Chemistry, 2013, 25, 7229-7234.	0.1	2
110	Comparison of As, Ni, Zn, Cd, and Pb removals using treatment agents. Environmental Technology (United Kingdom), 2012, 33, 445-454.	1.2	5
111	Inhibition of sulfide mineral oxidation by surface coating agents: Batch and field studies. Journal of Hazardous Materials, 2012, 229-230, 298-306.	6.5	32
112	Nitrate and ammonium ions removal from groundwater by a hybrid system of zero-valent iron combined with adsorbents. Journal of Environmental Monitoring, 2012, 14, 1153.	2.1	9
113	Biosorption and desorption of Nickel on oil cake: Batch and column studies. Bioresource Technology, 2012, 103, 35-42.	4.8	88
114	Top-cited articles in environmental sciences: Merits and demerits of citation analysis. Science of the Total Environment, 2012, 431, 122-127.	3.9	48
115	Batch and Column Studies for the Removal of Lead(II) Ions from Aqueous Solution onto Lignite. Adsorption Science and Technology, 2011, 29, 83-98.	1.5	24
116	Desorption of β -carotene from mesoporous carbon coated monolith: Isotherm, kinetics and regeneration studies. Chemical Engineering Journal, 2011, 173, 474-479.	6.6	23
117	Stability of Fe- and Mn-(oxyhydr)oxides in Common Soil Dispersion Solutions. Water, Air, and Soil Pollution, 2011, 217, 677-687.	1.1	3
118	Carbon coated monolith, a mesoporous material for the removal of methyl orange from aqueous phase: Adsorption and desorption studies. Chemical Engineering Journal, 2011, 171, 1124-1131.	6.6	159
119	Adsorption Studies for the Removal of Methyl <i>tert</i> -Butyl Ether on Various Commercially Available GACs from an Aqueous Medium. Separation Science and Technology, 2011, 46, 1121-1130.	1.3	19
120	Removal of nitrate and ammonium ions from livestock wastewater by hybrid systems composed of zero-valent iron and adsorbents. Environmental Technology (United Kingdom), 2011, 32, 1851-1857.	1.2	24
121	Adsorption Studies for the Removal of Nitrate Using Modified Lignite Granular Activated Carbon. Separation Science and Technology, 2011, 46, 2575-2584.	1.3	54
122	The role of clay minerals in the reduction of nitrate in groundwater by zero-valent iron. Chemosphere, 2010, 81, 611-616.	4.2	42
123	Utilization of carbon derived from mustard oil cake (CMOC) for the removal of bivalent metal ions: Effect of anionic surfactant on the removal and recovery. Journal of Hazardous Materials, 2010, 173, 273-282.	6.5	30
124	Adsorption studies of Dichloromethane on some commercially available GACs: Effect of kinetics, thermodynamics and competitive ions. Journal of Hazardous Materials, 2010, 178, 963-972.	6.5	59
125	Utilization of Fennel biomass (<i>Foeniculum vulgari</i>) a medicinal herb for the biosorption of Cd(II) from aqueous phase. Chemical Engineering Journal, 2010, 156, 106-113.	6.6	46
126	Adsorption of DCM and MTBE from Aqueous Phase on Granular Activated Carbons: A Comparative Study. Geosystem Engineering, 2010, 13, 97-104.	0.7	4

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127	Adsorptive Removal of Volatile Organic Contaminants from Aqueous Medium by Granular Activated Carbons. <i>Geosystem Engineering</i> , 2010, 13, 25-34.	0.7	2
128	Sorption/desorption studies on some natural minerals for the removal of toxic organic pollutants from aqueous solution. <i>Chemical Engineering Journal</i> , 2009, 152, 421-427.	6.6	17
129	Biosorption of bivalent metal ions from aqueous solution by an agricultural waste: Kinetics, thermodynamics and environmental effects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 332, 121-128.	2.3	75
130	Removal and recovery of Cu(II), Cd(II) and Pb(II) ions from single and multimetal systems by batch and column operation on neem oil cake (NOC). <i>Separation and Purification Technology</i> , 2007, 57, 394-402.	3.9	42
131	Adsorption studies on Parthenium hysterophorous weed: Removal and recovery of Cd(II) from wastewater. <i>Journal of Hazardous Materials</i> , 2006, 135, 242-248.	6.5	83
132	Adsorption of copper from aqueous solution on Brassica cumpestris (mustard oil cake). <i>Journal of Hazardous Materials</i> , 2005, 122, 177-183.	6.5	87
133	Development of activated carbon from Phoenix dactylifera fruit pits: Process optimization, characterization, and methylene blue adsorption. , 0, 62, 273-281.		15
134	Dodecyl sulfate chain anchored bio-char to sequester triaryl methane dyes: equilibrium, kinetics, and adsorption mechanism. , 0, 67, 357-370.		13
135	Assessing bioorganic gum performance as a corrosion inhibitor in phosphoric acid medium: Electrochemical and computational analysis. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 0, , .	0.8	1