Dinesh Mohan

List of Publications by Year
in descending order

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		9428	4305
189	37,251	76	179
papers	citations	h-index	g-index

195	195	195	35115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Can â€˜biodegradabilityâ€™ of adsorbents constitute an â€˜Achillesâ€™ heelâ€™ in real-world water purification? Perspectives and opportunities. Journal of Environmental Chemical Engineering, 2022, 10, 107321.	3.3	4
2	Arsenic removal from household drinking water by biochar and biochar composites: A focus on scale-up. , 2022, , 277-320.		0
3	Sorptive removal of pharmaceuticals using sustainable biochars. , 2022, , 395-427.		3
4	Biochar and biochar composites for poly- and perfluoroalkyl substances (PFAS) sorption. , 2022, , 555-595.		1
5	Biochar adsorption system designs. , 2022, , 153-203.		5
6	Biochar and biochar composites for oil sorption. , 2022, , 527-554.		1
7	Nanobiochar for aqueous contaminant removal. , 2022, , 667-704.		2
8	Sources, spatio-temporal distribution and depth variations in groundwater salinity of the semi-arid Rohtak district, Haryana, India. Groundwater for Sustainable Development, 2022, 18, 100790.	2.3	6
9	Coronavirus (SARS-CoV-2) in the environment: Occurrence, persistence, analysis in aquatic systems and possible management. Science of the Total Environment, 2021, 765, 142698.	3.9	53
10	Household arsenic contaminated water treatment employing iron oxide/bamboo biochar composite: An approach to technology transfer. Journal of Colloid and Interface Science, 2021, 587, 767-779.	5.0	28
11	Nanobiochar: A sustainable solution for agricultural and environmental applications. , 2021, , 501-519.		3
12	Engineered biochar â€“ A sustainable solution for the removal of antibiotics from water. Chemical Engineering Journal, 2021, 405, 126926.	6.6	212
13	Water decontamination using bio-based, chemically functionalized, doped, and ionic liquid-enhanced adsorbents: review. Environmental Chemistry Letters, 2021, 19, 3075-3114.	8.3	34
14	Future of road safety and SDG 3.6 goals in six Indian cities. IATSS Research, 2021, 45, 12-18.	1.8	18
15	Adsorbents for real-scale water remediation: Gaps and the road forward. Journal of Environmental Chemical Engineering, 2021, 9, 105380.	3.3	21
16	Intrusion of heavy metals/metalloids into rice (Oryza sativa L.) in relation to their status in two different agricultural management systems in Sri Lanka. Groundwater for Sustainable Development, 2021, 14, 100619.	2.3	7
17	Seven potential sources of arsenic pollution in Latin America and their environmental and health impacts. Science of the Total Environment, 2021, 780, 146274.	3.9	97
18	High capacity aqueous phosphate reclamation using Fe/Mg-layered double hydroxide (LDH) dispersed on biochar. Journal of Colloid and Interface Science, 2021, 597, 182-195.	5.0	78

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19	Ciprofloxacin and acetaminophen sorption onto banana peel biochars: Environmental and process parameter influences. Environmental Research, 2021, 201, 111218.	3.7	72
20	Nanoscale zero-valent iron for aqueous lead removal. Advanced Materials Proceedings, 2021, 2, 235-241.	0.2	11
21	Shape Memory Adsorbents for Water Remediation: Recent Progress, Associated Hydrodynamics, and Research Needs. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	2
22	The mechanisms of biochar interactions with microorganisms in soil. Environmental Geochemistry and Health, 2020, 42, 2495-2518.	1.8	125
23	Waste sludge derived adsorbents for arsenate removal from water. Chemosphere, 2020, 239, 124832.	4.2	34
24	Application of co-composted biochar significantly improved plant-growth relevant physical/chemical properties of a metal contaminated soil. Chemosphere, 2020, 242, 125255.	4.2	58
25	Preventing motor vehicle crash injuries and deaths: science vs. folklore lessons from history. International Journal of Injury Control and Safety Promotion, 2020, 27, 3-11.	1.0	9
26	Dealing with existing theory: national fatality rates, vehicle standards and personal safety. International Journal of Injury Control and Safety Promotion, 2020, 27, 12-19.	1.0	2
27	Heterogeneous persulfate activation by nano-sized Mn3O4 to degrade furfural from wastewater. Journal of Molecular Liquids, 2020, 298, 112088.	2.3	47
28	What can we learn from the historic road safety performance of high-income countries?. International Journal of Injury Control and Safety Promotion, 2020, 27, 27-34.	1.0	7
29	Biochar Adsorbents with Enhanced Hydrophobicity for Oil Spill Removal. ACS Applied Materials & Interfaces, 2020, 12, 9248-9260.	4.0	84
30	Recent Developments in Aqueous Arsenic(III) Remediation Using Biomass-Based Adsorbents. ACS Symposium Series, 2020, , 197-251.	0.5	2
31	Investigating the association between population density and travel patterns in Indian citiesâ€"An analysis of 2011 census data. Cities, 2020, 100, 102656.	2.7	22
32	Batch and Continuous Fixed-Bed Lead Removal Using Himalayan Pine Needle Biochar: Isotherm and Kinetic Studies. ACS Omega, 2020, 5, 16366-16378.	1.6	39
33	Sustainable Low-Concentration Arsenite [As(III)] Removal in Single and Multicomponent Systems Using Hybrid Iron Oxideâ€"Biochar Nanocomposite Adsorbentsâ€"A Mechanistic Study. ACS Omega, 2020, 5, 2575-2593.	1.6	64
34	Safety of motorized two-wheeler riders in the formal and informal transport sector. International Journal of Injury Control and Safety Promotion, 2020, 27, 51-60.	1.0	7
35	How much would low- and middle-income countries benefit from addressing the key risk factors of road traffic injuries?. International Journal of Injury Control and Safety Promotion, 2020, 27, 83-90.	1.0	23
36	Water as key to the sustainable development goals of South Sudan â€“ A water quality assessment of Eastern Equatoria State. Groundwater for Sustainable Development, 2019, 8, 255-270.	2.3	13

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37	Simplified Batch and Fixed-Bed Design System for Efficient and Sustainable Fluoride Removal from Water Using Slow Pyrolyzed Okra Stem and Black Gram Straw Biochars. ACS Omega, 2019, 4, 19513-19525.	1.6	37
38	Emerging technologies for arsenic removal from drinking water in rural and peri-urban areas: Methods, experience from, and options for Latin America. Science of the Total Environment, 2019, 694, 133427.	3.9	113
39	Removal of Arsenic(III) from water using magnetite precipitated onto Douglas fir biochar. Journal of Environmental Management, 2019, 250, 109429.	3.8	145
40	Aqueous carbofuran removal using slow pyrolyzed sugarcane bagasse biochar: equilibrium and fixed-bed studies. RSC Advances, 2019, 9, 26338-26350.	1.7	39
41	Fe₃O₄Nanoparticles Dispersed on Douglas Fir Biochar for Phosphate Sorption. ACS Applied Nano Materials, 2019, 2, 3467-3479.	2.4	111
42	Traffic safety: Rights and obligations. Accident Analysis and Prevention, 2019, 128, 159-163.	3.0	12
43	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. Chemical Reviews, 2019, 119, 3510-3673.	23.0	1,427
44	Fast aniline and nitrobenzene remediation from water on magnetized and nonmagnetized Douglas fir biochar.. Chemosphere, 2019, 225, 943-953.	4.2	45
45	Biochar versus bone char for a sustainable inorganic arsenic mitigation in water: What needs to be done in future research?. Environment International, 2019, 127, 52-69.	4.8	101
46	The care and transport of trauma victims by layperson emergency medical systems: a qualitative study in Delhi, India. BMJ Global Health, 2019, 4, e001963.	2.0	33
47	Carbamazepine removal from water by carbon dot-modified magnetic carbon nanotubes. Environmental Research, 2019, 169, 434-444.	3.7	111
48	Environmental pollution of soil with PAHs in energy producing plants zone. Science of the Total Environment, 2019, 655, 232-241.	3.9	50
49	Identification of Fe and Zr oxide phases in an iron-zirconium binary oxide and arsenate complexes adsorbed onto their surfaces. Journal of Hazardous Materials, 2018, 353, 340-347.	6.5	26
50	Biochar production and applications in soil fertility and carbon sequestration â€“ a sustainable solution to crop-residue burning in India. RSC Advances, 2018, 8, 508-520.	1.7	156
51	Lead and cadmium remediation using magnetized and nonmagnetized biochar from Douglas fir. Chemical Engineering Journal, 2018, 331, 480-491.	6.6	169
52	Lead (Pb²⁺) sorptive removal using chitosan-modified biochar: batch and fixed-bed studies. RSC Advances, 2018, 8, 25368-25377.	1.7	71
53	Fast nitrate and fluoride adsorption and magnetic separation from water on Î±-Fe2O3 and Fe3O4 dispersed on Douglas fir biochar. Bioresource Technology, 2018, 263, 258-265.	4.8	195
54	Cadmium and lead remediation using magnetic and non-magnetic sustainable biosorbents derived from Bauhinia purpurea pods. RSC Advances, 2017, 7, 8606-8624.	1.7	47

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55	Phenoxy herbicide removal from aqueous solutions using fast pyrolysis switchgrass biochar. Chemosphere, 2017, 174, 49-57.	4.2	96
56	Official government statistics of road traffic deaths in India under-represent pedestrians and motorised two wheeler riders. Injury Prevention, 2017, 23, 1-7.	1.2	48
57	Analysis of Pedestrian Movement on Delhi Roads by Using Naturalistic Observation Techniques. Transportation Research Record, 2017, 2634, 95-100.	1.0	9
58	Lead (Pb 2+) and copper (Cu 2+) remediation from water using superparamagnetic maghemite (Î³-Fe 2 O 3) Tj ETQq0 0 0 rgBT /Overloc 2017, 492, 176-190.	5.0	128
59	Synthesis of l -cysteine stabilized zero-valent iron (nZVI) nanoparticles for lead remediation from water. Environmental Nanotechnology, Monitoring and Management, 2017, 7, 34-45.	1.7	28
60	Adsorption of metribuzin from aqueous solution using magnetic and nonmagnetic sustainable low-cost biochar adsorbents. Environmental Science and Pollution Research, 2017, 24, 4577-4590.	2.7	77
61	Evaluation of Oddâ€“Even Day Traffic Restriction Experiments in Delhi, India. Transportation Research Record, 2017, 2627, 9-16.	1.0	41
62	Lead and Chromium Adsorption from Water using L-Cysteine Functionalized Magnetite (Fe3O4) Nanoparticles. Scientific Reports, 2017, 7, 7672.	1.6	157
63	The stability and removal of water-dispersed CdSe/CdS core-shell quantum dots from water. Chemosphere, 2017, 185, 926-933.	4.2	11
64	Biochar based removal of antibiotic sulfonamides and tetracyclines in aquatic environments: A critical review. Bioresource Technology, 2017, 246, 150-159.	4.8	440
65	Mental illness and injuries: emerging health challenges of urbanisation in South Asia. BMJ: British Medical Journal, 2017, 357, j1126.	2.4	16
66	Urban street structure and traffic safety. Journal of Safety Research, 2017, 62, 63-71.	1.7	28
67	Modelling vehicular interactions for heterogeneous traffic flow using cellular automata with position preference. Journal of Modern Transportation, 2017, 25, 163-177.	2.5	16
68	Insights into aqueous carbofuran removal by modified and non-modified rice husk biochars. Environmental Science and Pollution Research, 2017, 24, 22755-22763.	2.7	45
69	Room-temperature and temperature-dependent QSRR modelling for predicting the nitrate radical reaction rate constants of organic chemicals using ensemble learning methods. SAR and QSAR in Environmental Research, 2016, 27, 539-558.	1.0	13
70	858â€...Automobile manufacturers, advertising and traffic safety: case study from India. Injury Prevention, 2016, 22, A306.1-A306.	1.2	0
71	Urban traffic safety assessment: A case study of six Indian cities. IATSS Research, 2016, 39, 95-101.	1.8	64
72	Inter-moieties reactivity correlations: an approach to estimate the reactivity endpoints of major atmospheric reactants towards organic chemicals. RSC Advances, 2016, 6, 50297-50305.	1.7	8

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73	Modeling the reactivities of hydroxyl radical and ozone towards atmospheric organic chemicals using quantitative structure-reactivity relationship approaches. Environmental Science and Pollution Research, 2016, 23, 14034-14046.	2.7	24
74	Land use, transport, and population health: estimating the health benefits of compact cities. Lancet, The, 2016, 388, 2925-2935.	6.3	369
75	Sustainable development of coconut shell activated carbon (CSAC) & a magnetic coconut shell activated carbon (MCSAC) for phenol (2-nitrophenol) removal. RSC Advances, 2016, 6, 85390-85410.	1.7	36
76	A property-performance correlation and mass transfer study of As(v) adsorption on three mesoporous aluminas. RSC Advances, 2016, 6, 80630-80639.	1.7	6
77	Performance and mass transfer of aqueous fluoride removal by a magnetic alumina aerogel. RSC Advances, 2016, 6, 112988-112999.	1.7	29
78	A review of fluoride in african groundwater and local remediation methods. Groundwater for Sustainable Development, 2016, 2-3, 190-212.	2.3	117
79	Lead (Pb2+) adsorption by monodispersed magnetite nanoparticles: Surface analysis and effects of solution chemistry. Journal of Environmental Chemical Engineering, 2016, 4, 4237-4247.	3.3	80
80	Interface interactions between insecticide carbofuran and tea waste biochars produced at different pyrolysis temperatures. Chemical Speciation and Bioavailability, 2016, 28, 110-118.	2.0	39
81	662â€...Motorcycle helmet and car seat belt use patterns in Delhi, India: implications for traffic safety interventions. Injury Prevention, 2016, 22, A237.3-A238.	1.2	2
82	Sustainable Biochar - A Tool for Climate Change Mitigation, Soil Management and Water and Wastewater Treatment. , 2016, , 949-952.		0
83	Removal of antimonate and antimonite from water by schwertmannite granules. Desalination and Water Treatment, 2016, 57, 25639-25652.	1.0	12
84	Magnetic magnetite (Fe3O4) nanoparticle synthesis and applications for lead (Pb2+) and chromium (Cr6+) removal from water. Journal of Colloid and Interface Science, 2016, 468, 334-346.	5.0	554
85	Kinetics, thermodynamics and mechanistic studies of carbofuran removal using biochars from tea waste and rice husks. Chemosphere, 2016, 150, 781-789.	4.2	169
86	Assessment of motor vehicle use characteristics in three Indian cities. Transportation Research, Part D: Transport and Environment, 2016, 44, 254-265.	3.2	41
87	Effects of Surface Iron Hydroxyl Group Site Densities on Arsenate Adsorption by Iron Oxide Nanocomposites. Nanoscience and Nanotechnology Letters, 2016, 8, 1020-1027.	0.4	11
88	Understanding the Road Safety Performance of OECD Countries. , 2016, , 1-15.		2
89	Preparation of Activated and Non-Activated Carbon from Conocarpus Pruning Waste as Low-Cost Adsorbent for Removal of Heavy Metal Ions from Aqueous Solution. BioResources, 2015, 11, .	0.5	4
90	Benchmarking vehicle and passenger travel characteristics in Delhi for on-road emissions analysis. Travel Behaviour & Society, 2015, 2, 88-101.	2.4	64

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91	Safety of young children on motorized two-wheelers around the world: A review of the global epidemiological evidence. IATSS Research, 2015, 38, 83-91.	1.8	9
92	Lead sorptive removal using magnetic and nonmagnetic fast pyrolysis energy cane biochars. Journal of Colloid and Interface Science, 2015, 448, 238-250.	5.0	130
93	Synthesis of graphene oxide/schwertmannite nanocomposites and their application in Sb(V) adsorption from water. Chemical Engineering Journal, 2015, 270, 205-214.	6.6	98
94	Why do three-wheelers carrying schoolchildren suffer very low fatal crashes?. IATSS Research, 2015, 38, 130-134.	1.8	4
95	Antimonate removal from water using hierarchical macro-/mesoporous amorphous alumina. Chemical Engineering Journal, 2015, 264, 617-624.	6.6	37
96	Sorptive removal of salicylic acid and ibuprofen from aqueous solutions using pine wood fast pyrolysis biochar. Chemical Engineering Journal, 2015, 265, 219-227.	6.6	291
97	Heavy metals [chromium (VI) and lead (II)] removal from water using mesoporous magnetite (Fe3O4) nanospheres. Journal of Colloid and Interface Science, 2015, 442, 120-132.	5.0	305
98	Particulate and gaseous emissions in two coastal citiesâ€"Chennai and Vishakhapatnam, India. Air Quality, Atmosphere and Health, 2015, 8, 559-572.	1.5	28
99	A Review of Cellular Automata Model for Heterogeneous Traffic Conditions. , 2015, , 471-478.		10
100	Major ion chemistry of the ground water at the Khoda Village, Ghaziabad, India. Sustainability of Water Quality and Ecology, 2014, 3-4, 133-150.	2.0	25
101	Cadmium and lead remediation using magnetic oak wood and oak bark fast pyrolysis bio-chars. Chemical Engineering Journal, 2014, 236, 513-528.	6.6	446
102	Evaluating influences of seasonal variations and anthropogenic activities on alluvial groundwater hydrochemistry using ensemble learning approaches. Journal of Hydrology, 2014, 511, 254-266.	2.3	76
103	Biochar as a sorbent for contaminant management in soil and water: A review. Chemosphere, 2014, 99, 19-33.	4.2	3,175
104	Organic and inorganic contaminants removal from water with biochar, a renewable, low cost and sustainable adsorbent â€“ A critical review. Bioresource Technology, 2014, 160, 191-202.	4.8	1,736
105	Re-fueling road transport for better air quality in India. Energy Policy, 2014, 68, 556-561.	4.2	67
106	Fluoride removal from ground water using magnetic and nonmagnetic corn stover biochars. Ecological Engineering, 2014, 73, 798-808.	1.6	117
107	Multispecies QSAR Modeling for Predicting the Aquatic Toxicity of Diverse Organic Chemicals for Regulatory Toxicology. Chemical Research in Toxicology, 2014, 27, 741-753.	1.7	58
108	QSTR Modeling for Qualitative and Quantitative Toxicity Predictions of Diverse Chemical Pesticides in Honey Bee for Regulatory Purposes. Chemical Research in Toxicology, 2014, 27, 1504-1515.	1.7	31

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109	Antimonate and antimonite adsorption by a polyvinyl alcohol-stabilized granular adsorbent containing nanoscale zero-valent iron. Chemical Engineering Journal, 2014, 247, 250-257.	6.6	130
110	Pyrolysis condition affected sulfamethazine sorption by tea waste biochars. Bioresource Technology, 2014, 166, 303-308.	4.8	279
111	Arsenate adsorption on three types of granular schwertmannite. Water Research, 2013, 47, 2938-2948.	5.3	126
112	Modeling adsorption kinetics of trichloroethylene onto biochars derived from soybean stover and peanut shell wastes. Environmental Science and Pollution Research, 2013, 20, 8364-8373.	2.7	92
113	Particle Diameter and Nutrient Related Studies of Anaerobic Biodegradation of Lignocellulose from Corn Stalks in Biogas Production for Sustainable Energy Development. International Journal of Chemistry, 2013, 5, .	0.3	0
114	Characterization of Bio-oils Produced from Fast Pyrolysis of Corn Stalks in an Auger Reactor. Energy & Fuels, 2012, 26, 3816-3825.	2.5	94
115	Effects of pyrolysis temperature on soybean stover- and peanut shell-derived biochar properties and TCE adsorption in water. Bioresource Technology, 2012, 118, 536-544.	4.8	988
116	Remediating fluoride from water using hydrous zirconium oxide. Chemical Engineering Journal, 2012, 198-199, 236-245.	6.6	266
117	Fluoride Removal from Water using Bio-Char, a Green Waste, Low-Cost Adsorbent: Equilibrium Uptake and Sorption Dynamics Modeling. Industrial & Engineering Chemistry Research, 2012, 51, 900-914.	1.8	201
118	Groundwater quality assessment in the village of Lutfullapur Nawada, Loni, District Ghaziabad, Uttar Pradesh, India. Environmental Monitoring and Assessment, 2012, 184, 4473-4488.	1.3	75
119	Synthesis and Kinetic Study of Thermal Cycloimidization of Novel Poly(Amide Amic Acid) to Poly(Amide) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	10
120	Development of magnetic activated carbon from almond shells for trinitrophenol removal from water. Chemical Engineering Journal, 2011, 172, 1111-1125.	6.6	289
121	Modeling and evaluation of chromium remediation from water using low cost bio-char, a green adsorbent. Journal of Hazardous Materials, 2011, 188, 319-333.	6.5	454
122	Reply to the comments on HAZMAT 142 (2007) 1â€“53 â€˜Arsenic removal from water/wastewater using adsorbents â€“ A critical reviewâ€™ by D. Mohan and C.U. Pittman Jr. made by Zhenze Li et al. [HAZMAT 175 (2010) 1116â€“1117]. Journal of Hazardous Materials, 2011, 185, 1614-1617.	6.5	21
123	Sustainable transport and the modernisation of urban transport in Delhi and Stockholm. Cities, 2010, 27, 421-429.	2.7	40
124	Childhood injuries in rural north India. International Journal of Injury Control and Safety Promotion, 2010, 17, 45-52.	1.0	17
125	Accumulation and distribution of toxic metals in wheat (Triticum aestivum L.) and Indian mustard (Brassica campestris L.) irrigated with distillery and tannery effluents. Journal of Hazardous Materials, 2009, 162, 1514-1521.	6.5	217
126	Public health benefits of strategies to reduce greenhouse-gas emissions: urban land transport. Lancet, The, 2009, 374, 1930-1943.	6.3	856

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127	Effect of distillery sludge on seed germination and growth parameters of green gram (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock	6.5	66
128	Wastewater treatment using low cost activated carbons derived from agricultural byproductsâ€"A case study. Journal of Hazardous Materials, 2008, 152, 1045-1053.	6.5	222
129	Chemometrics assisted spectrophotometric determination of pyridine in water and wastewater. Analytica Chimica Acta, 2008, 630, 10-18.	2.6	10
130	Farm hand tools injuries: A case study from northern India. Safety Science, 2008, 46, 54-65.	2.6	48
131	Road traffic injuries: a stocktaking. Best Practice and Research in Clinical Rheumatology, 2008, 22, 725-739.	1.4	23
132	Pyrolysis of Wood and Bark in an Auger Reactor: Physical Properties and Chemical Analysis of the Produced Bio-oils. Energy & Fuels, 2008, 22, 614-625.	2.5	393
133	Fungicidal values of bio-oils and their lignin-rich fractions obtained from wood/bark fast pyrolysis. Chemosphere, 2008, 71, 456-465.	4.2	61
134	Traffic safety and city structure: lessons for the future. Salud Publica De Mexico, 2008, 50, S93-100.	0.1	12
135	Product Analysis and Thermodynamic Simulations from the Pyrolysis of Several Biomass Feedstocks. Energy & Fuels, 2007, 21, 2373-2385.	2.5	68
136	Exploring groundwater hydrochemistry of alluvial aquifers using multi-way modeling. Analytica Chimica Acta, 2007, 596, 171-182.	2.6	15
137	Arsenic removal from water/wastewater using adsorbentsâ€"A critical review. Journal of Hazardous Materials, 2007, 142, 1-53.	6.5	2,956
138	Sorption of arsenic, cadmium, and lead by chars produced from fast pyrolysis of wood and bark during bio-oil production. Journal of Colloid and Interface Science, 2007, 310, 57-73.	5.0	820
139	Synthesis, characterization, and investigation of structure-thermal cycloimidization relationship of novel poly(amide amic acid)s to poly(amide imide)s by thermogravimetric analysis. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2937-2947.	2.4	4
140	Removal of 2-Aminophenol Using Novel Adsorbents. Industrial & Engineering Chemistry Research, 2006, 45, 1113-1122.	1.8	38
141	Reply to â€œComment on the Removal Mechanism of Hexavalent Chromium by Biomaterials or Biomaterial-Based Activated Carbonsâ€•(Comment on â€œRemoval of Hexavalent Chromium from Aqueous) Tj ETQq1 1 0.784314 rg	1.8	2
142	Pyrolysis of Wood/Biomass for Bio-oil:â€‰ A Critical Review. Energy & Fuels, 2006, 20, 848-889.	2.5	4,483
143	Single, binary and multi-component adsorption of copper and cadmium from aqueous solutions on Kraft ligninâ€"a biosorbent. Journal of Colloid and Interface Science, 2006, 297, 489-504.	5.0	299
144	Studies on the interaction of some azo dyes (naphthol red-J and direct orange) with nontronite mineral. Journal of Colloid and Interface Science, 2006, 298, 79-86.	5.0	51

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145	Single, binary, and multicomponent sorption of iron and manganese on lignite. Journal of Colloid and Interface Science, 2006, 299, 76-87.	5.0	116
146	Trivalent chromium removal from wastewater using low cost activated carbon derived from agricultural waste material and activated carbon fabric cloth. Journal of Hazardous Materials, 2006, 135, 280-295.	6.5	370
147	Removal and recovery of metal ions from acid mine drainage using ligniteâ€"A low cost sorbent. Journal of Hazardous Materials, 2006, 137, 1545-1553.	6.5	180
148	Activated carbons and low cost adsorbents for remediation of tri- and hexavalent chromium from water. Journal of Hazardous Materials, 2006, 137, 762-811.	6.5	1,482
149	Evaluation of Groundwater Quality in Northern Indo-Gangetic Alluvium Region. Environmental Monitoring and Assessment, 2006, 112, 211-230.	1.3	80
150	Removal of pyridine derivatives from aqueous solution by activated carbons developed from agricultural waste materials. Carbon, 2005, 43, 1680-1693.	5.4	70
151	Chemometric data analysis of pollutants in wastewaterâ€"a case study. Analytica Chimica Acta, 2005, 532, 15-25.	2.6	86
152	Chemometric analysis of groundwater quality data of alluvial aquifer of Gangetic plain, North India. Analytica Chimica Acta, 2005, 550, 82-91.	2.6	141
153	Distribution of Persistent Organochlorine Pesticide Residues in Gomti River, India. Bulletin of Environmental Contamination and Toxicology, 2005, 74, 146-154.	1.3	58
154	Persistent Organochlorine Pesticide Residues in Alluvial Groundwater Aquifers of Gangetic Plains, India. Bulletin of Environmental Contamination and Toxicology, 2005, 74, 162-169.	1.3	45
155	Status of Heavy Metals in Water and Bed Sediments of River Gomti â€“ A Tributary of the Ganga River, India. Environmental Monitoring and Assessment, 2005, 105, 43-67.	1.3	117
156	Removal of Î±-Picoline, Î²-Picoline, and Î³-Picoline from Synthetic Wastewater Using Low Cost Activated Carbons Derived from Coconut Shell Fibers. Environmental Science & Technology, 2005, 39, 5076-5086.	4.6	33
157	Studies on distribution and fractionation of heavy metals in Gomti river sedimentsâ€"a tributary of the Ganges, India. Journal of Hydrology, 2005, 312, 14-27.	2.3	541
158	Removal of Hexavalent Chromium from Aqueous Solution Using Low-Cost Activated Carbons Derived from Agricultural Waste Materials and Activated Carbon Fabric Cloth. Industrial & Engineering Chemistry Research, 2005, 44, 1027-1042.	1.8	332
159	Distribution of Polycyclic Aromatic Hydrocarbons in Gomti River System, India. Bulletin of Environmental Contamination and Toxicology, 2004, 72, 1211-8.	1.3	39
160	Development of safer fodder-cutter machines: a case study from north India. Safety Science, 2004, 42, 43-55.	2.6	18
161	Removal of pyridine from aqueous solution using low cost activated carbons derived from agricultural waste materials. Carbon, 2004, 42, 2409-2421.	5.4	118
162	Impact assessment of treated/untreated wastewater toxicants discharged by sewage treatment plants on health, agricultural, and environmental quality in the wastewater disposal area. Chemosphere, 2004, 55, 227-255.	4.2	379

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163	Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of Gomti River (India)â€"a case study. Water Research, 2004, 38, 3980-3992.	5.3	1,239
164	Equilibrium uptake and sorption dynamics for the removal of a basic dye (basic red) using low-cost adsorbents. Journal of Colloid and Interface Science, 2003, 265, 257-264.	5.0	334
165	Removal of Fluoride from Aqueous Solutions byEichhornia crassipesBiomass and Its Carbonized Form. Industrial & Engineering Chemistry Research, 2003, 42, 6911-6918.	1.8	83
166	Color Removal from Wastewater Using Low-Cost Activated Carbon Derived from Agricultural Waste Material. Industrial & Engineering Chemistry Research, 2003, 42, 1965-1976.	1.8	296
167	Road safety in less-motorized environments: future concerns. International Journal of Epidemiology, 2002, 31, 527-532.	0.9	162
168	Vapor-Phase Adsorption of Hexane and Benzene on Activated Carbon Fabric Cloth:â€‰ Equilibria and Rate Studies. Industrial & Engineering Chemistry Research, 2002, 41, 2480-2486.	1.8	57
169	Removal of Dyes from Wastewater Using Flyash, a Low-Cost Adsorbentâ€. Industrial & Engineering Chemistry Research, 2002, 41, 3688-3695.	1.8	321
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