

Tanju Karanfil

List of Publications by Year in descending order

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169
papers

9,883
citations

28274

55
h-index

40979

93
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171
all docs

171
docs citations

171
times ranked

8218
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging investigator series: microplastic sources, fate, toxicity, detection, and interactions with micropollutants in aquatic ecosystems – a review of reviews. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 172-195.	3.5	22
2	Chemical characterization of dissolved organic matter as disinfection byproduct precursors by UV/fluorescence and ESI FT-ICR MS after smoldering combustion of leaf needles and woody trunks of pine (<i>Pinus jeffreyi</i>). <i>Water Research</i> , 2022, 209, 117962.	11.3	9
3	Inputs of disinfection by-products to the marine environment from various industrial activities: Comparison to natural production. <i>Water Research</i> , 2022, 217, 118383.	11.3	18
4	Preferential Halogenation of Algal Organic Matter by Iodine over Chlorine and Bromine: Formation of Disinfection Byproducts and Correlation with Toxicity of Disinfected Waters. <i>Environmental Science & Technology</i> , 2022, 56, 1244-1256.	10.0	27
5	Formation of regulated and unregulated disinfection byproducts during chlorination and chloramination: Roles of dissolved organic matter type, bromide, and iodide. <i>Journal of Environmental Sciences</i> , 2022, 117, 151-160.	6.1	17
6	Effect of activated sludge treatment on the formation of Nnitrosamines under different chloramination conditions. <i>Journal of Environmental Sciences</i> , 2022, 117, 242-252.	6.1	3
7	Removal mechanisms of geosmin and MIB by oxygen nanobubbles during water treatment. <i>Chemical Engineering Journal</i> , 2022, 443, 136535.	12.7	21
8	Removal of halides from drinking water: technological achievements in the past ten years and research needs. <i>Environmental Science and Pollution Research</i> , 2022, 29, 55514-55527.	5.3	5
9	Predicting COVID-19 Infected Individuals in a Defined Population from Wastewater RNA Data. <i>ACS ES&T Water</i> , 2022, 2, 2225-2232.	4.6	5
10	Tracing microplastic (MP)-derived dissolved organic matter in the infiltration of MP-contaminated sand system and its disinfection byproducts formation. <i>Water Research</i> , 2022, 221, 118806.	11.3	18
11	Removal of the precursors of regulated DBPs and TOX from surface waters and wastewater effluents using mixed anion exchange resins. <i>Chemosphere</i> , 2021, 263, 128094.	8.2	13
12	Characterization of Dissolved Organic Matter from Wildfire-induced <i>Microcystis aeruginosa</i> Blooms controlled by Copper Sulfate as Disinfection Byproduct Precursors Using APPI(-) and ESI(-) FT-ICR MS. <i>Water Research</i> , 2021, 189, 116640.	11.3	23
13	Increased Organohalogen Diversity after Disinfection of Water from a Prescribed Burned Watershed. <i>ACS ES&T Water</i> , 2021, 1, 1274-1282.	4.6	3
14	Microwave regeneration of granular activated carbon saturated with PFAS. <i>Water Research</i> , 2021, 198, 117121.	11.3	33
15	Recovery of Critical Metals from Aqueous Sources. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11616-11634.	6.7	43
16	Predictive modeling of haloacetonitriles under uniform formation conditions. <i>Water Research</i> , 2021, 201, 117322.	11.3	8
17	Effect of superfine pulverization of powdered activated carbon on adsorption of carbamazepine in natural source waters. <i>Science of the Total Environment</i> , 2021, 793, 148473.	8.0	12
18	Stability of Oxygen Nanobubbles under Freshwater Conditions. <i>Water Research</i> , 2021, 206, 117749.	11.3	22

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19	Removal of bromide from natural waters: Bromide-selective vs. conventional ion exchange resins. <i>Chemosphere</i> , 2020, 238, 124583.	8.2	58
20	A comprehensive review of mathematical models developed for the estimation of organic disinfection byproducts. <i>Chemosphere</i> , 2020, 246, 125797.	8.2	14
21	Effect of bromide on NDMA formation during chloramination of model precursor compounds and natural waters. <i>Water Research</i> , 2020, 170, 115323.	11.3	12
22	Adsorption of perfluoroalkyl substances (PFAS) in groundwater by granular activated carbons: Roles of hydrophobicity of PFAS and carbon characteristics. <i>Water Research</i> , 2020, 170, 115364.	11.3	215
23	Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. <i>Science of the Total Environment</i> , 2020, 705, 135785.	8.0	15
24	Effect of prescribed fires on the export of dissolved organic matter, precursors of disinfection by-products, and water treatability. <i>Water Research</i> , 2020, 187, 116385.	11.3	7
25	Estimation of haloacetonitriles formation in water: Uniform formation conditions versus formation potential tests. <i>Science of the Total Environment</i> , 2020, 744, 140987.	8.0	11
26	Total organic halogen (TOX) species formation at different locations in drinking water distribution systems. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2542-2552.	2.4	8
27	Toxicity of chlorinated algal-impacted waters: Formation of disinfection byproducts vs. reduction of cyanotoxins. <i>Water Research</i> , 2020, 184, 116145.	11.3	33
28	Source characterization and removal of N-nitrosamine precursors during activated sludge treatment. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2432-2443.	2.4	2
29	Linear solvation energy relationship development for adsorption of synthetic organic compounds by carbon nanomaterials: an overview of the last decade. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2949-2957.	2.4	4
30	Impact of biological wastewater treatment on the reactivity of N-Nitrosodimethylamine precursors. <i>Water Research</i> , 2020, 186, 116315.	11.3	4
31	Two years of post-wildfire impacts on dissolved organic matter, nitrogen, and precursors of disinfection by-products in California stream waters. <i>Water Research</i> , 2020, 181, 115891.	11.3	37
32	Competitive Adsorption of Polycyclic Aromatic Hydrocarbons to Carbon Nanotubes and the Impact on Bioavailability to Fathead Minnow (<i>Pimephales promelas</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1702-1711.	4.3	4
33	Microplastics release precursors of chlorinated and brominated disinfection byproducts in water. <i>Chemosphere</i> , 2020, 251, 126452.	8.2	55
34	Low water treatability efficiency of wildfire-induced dissolved organic matter and disinfection by-product precursors. <i>Water Research</i> , 2020, 184, 116111.	11.3	13
35	Activated carbon and organic matter characteristics impact the adsorption of DBP precursors when chlorine is added prior to GAC contactors. <i>Water Research</i> , 2020, 184, 116146.	11.3	24
36	Mesoporous activated carbon shows superior adsorption affinity for 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol in water. <i>Npj Clean Water</i> , 2020, 3, .	8.0	5

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37	Sorption behavior of real microplastics (MPs): Insights for organic micropollutants adsorption on a large set of well-characterized MPs. <i>Science of the Total Environment</i> , 2020, 720, 137634.	8.0	107
38	Adsorption kinetics of synthetic organic contaminants onto superfine powdered activated carbon. <i>Chemosphere</i> , 2020, 253, 126628.	8.2	27
39	The interplay between natural organic matter and bromide on bromine substitution. <i>Science of the Total Environment</i> , 2019, 646, 1172-1181.	8.0	49
40	Cationic polymer for selective removal of GenX and short-chain PFAS from surface waters and wastewaters at ng/L levels. <i>Water Research</i> , 2019, 163, 114874.	11.3	115
41	Oxidation byproducts from the degradation of dissolved organic matter by advanced oxidation processes – A critical review. <i>Water Research</i> , 2019, 164, 114929.	11.3	95
42	Chloramination of iodide-containing waters: Formation of iodinated disinfection byproducts and toxicity correlation with total organic halides of treated waters. <i>Science of the Total Environment</i> , 2019, 697, 134142.	8.0	33
43	Formation of iodinated trihalomethanes and noniodinated disinfection byproducts during chloramination of algal organic matter extracted from <i>Microcystis aeruginosa</i> . <i>Water Research</i> , 2019, 162, 115-126.	11.3	30
44	Historical and Future Needs for Geospatial Iodide Occurrence in Surface and Groundwaters of the United States of America. <i>Environmental Science and Technology Letters</i> , 2019, 6, 379-388.	8.7	24
45	Adsorption kinetics and aggregation for three classes of carbonaceous adsorbents in the presence of natural organic matter. <i>Chemosphere</i> , 2019, 229, 515-524.	8.2	33
46	Release of Nitrosamines and Nitrosamine Precursors from Scrap Tires. <i>Environmental Science and Technology Letters</i> , 2019, 6, 251-256.	8.7	21
47	Selective removal of bromide and iodide from natural waters using a novel AgCl-SPAC composite at environmentally relevant conditions. <i>Water Research</i> , 2019, 156, 168-178.	11.3	34
48	Control wildfire-induced <i>Microcystis aeruginosa</i> blooms by copper sulfate: Trade-offs between reducing algal organic matter and promoting disinfection byproduct formation. <i>Water Research</i> , 2019, 158, 227-236.	11.3	52
49	The Genesis of a Critical Environmental Concern: Cannabinoids in Our Water Systems. <i>Environmental Science & Technology</i> , 2019, 53, 1746-1747.	10.0	7
50	Efficient PFAS Removal by Amine-Functionalized Sorbents: Critical Review of the Current Literature. <i>Environmental Science and Technology Letters</i> , 2019, 6, 688-695.	8.7	160
51	The overlooked short- and ultrashort-chain poly- and perfluorinated substances: A review. <i>Chemosphere</i> , 2019, 220, 866-882.	8.2	287
52	Predictive models for adsorption of organic compounds by Graphene nanosheets: comparison with carbon nanotubes. <i>Science of the Total Environment</i> , 2019, 654, 28-34.	8.0	19
53	Removal of wastewater and polymer derived N-nitrosodimethylamine precursors with integrated use of chlorine and chlorine dioxide. <i>Chemosphere</i> , 2019, 216, 224-233.	8.2	7
54	Long-term watershed management is an effective strategy to reduce organic matter export and disinfection by-product precursors in source water. <i>International Journal of Wildland Fire</i> , 2019, 28, 804.	2.4	4

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55	Optical in-situ sensors capture dissolved organic carbon (DOC) dynamics after prescribed fire in high-DOC forest watersheds. <i>International Journal of Wildland Fire</i> , 2019, 28, 761.	2.4	11
56	The role of chloramine species in NDMA formation. <i>Water Research</i> , 2018, 140, 100-109.	11.3	45
57	Deactivation of wastewater-derived N-nitrosodimethylamine precursors with chlorine dioxide oxidation and the effect of pH. <i>Science of the Total Environment</i> , 2018, 635, 1383-1391.	8.0	10
58	Rapid Removal of Poly- and Perfluorinated Alkyl Substances by Poly(ethylenimine)-Functionalized Cellulose Microcrystals at Environmentally Relevant Conditions. <i>Environmental Science and Technology Letters</i> , 2018, 5, 764-769.	8.7	99
59	Formation of regulated and unregulated disinfection byproducts during chlorination of algal organic matter extracted from freshwater and marine algae. <i>Water Research</i> , 2018, 142, 313-324.	11.3	101
60	Removal of N-nitrosodimethylamine precursors by cation exchange resin: The effects of pH and calcium. <i>Chemosphere</i> , 2018, 211, 1091-1097.	8.2	6
61	Removal of bromide from surface waters using silver impregnated activated carbon. <i>Water Research</i> , 2017, 113, 223-230.	11.3	36
62	Elucidating Adsorptive Fractions of Natural Organic Matter on Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2017, 51, 7101-7110.	10.0	92
63	Removal of both N-nitrosodimethylamine and trihalomethanes precursors in a single treatment using ion exchange resins. <i>Water Research</i> , 2017, 124, 20-28.	11.3	29
64	Impact of combining chlorine dioxide and chlorine on DBP formation in simulated indoor swimming pools. <i>Journal of Environmental Sciences</i> , 2017, 58, 155-162.	6.1	28
65	Adsorption of organic contaminants by graphene nanosheets: A review. <i>Water Research</i> , 2017, 126, 385-398.	11.3	354
66	The control of disinfection byproducts and their precursors in biologically active filtration processes. <i>Water Research</i> , 2017, 124, 630-653.	11.3	108
67	Extreme flooding mobilized dissolved organic matter from coastal forested wetlands. <i>Biogeochemistry</i> , 2017, 136, 293-309.	3.5	43
68	Bioavailability of Carbon Nanomaterial-Adsorbed Polycyclic Aromatic Hydrocarbons to <i>Pimphales promelas</i> : Influence of Adsorbate Molecular Size and Configuration. <i>Environmental Science & Technology</i> , 2017, 51, 9288-9296.	10.0	14
69	Dynamic Changes of Disinfection Byproduct Precursors following Exposures of <i>Microcystis aeruginosa</i> to Wildfire Ash Solutions. <i>Environmental Science & Technology</i> , 2017, 51, 8272-8282.	10.0	22
70	Removal of Selected Ca ²⁺ and Na ⁺ DBP Precursors in Biologically Active Filters. <i>Journal - American Water Works Association</i> , 2017, 109, E73.	0.3	13
71	Relative Importance of Different Water Categories as Sources of N-Nitrosamine Precursors. <i>Environmental Science & Technology</i> , 2016, 50, 13239-13248.	10.0	65
72	Temporal variations of disinfection byproduct precursors in wildfire detritus. <i>Water Research</i> , 2016, 99, 66-73.	11.3	27

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73	Linear solvation energy relationships (LSER) for adsorption of organic compounds by carbon nanotubes. <i>Water Research</i> , 2016, 98, 28-38.	11.3	51
74	Superfine powdered activated carbon (S-PAC) coatings on microfiltration membranes: Effects of milling time on contaminant removal and flux. <i>Water Research</i> , 2016, 100, 429-438.	11.3	35
75	The control of N-nitrosodimethylamine, Halonitromethane, and Trihalomethane precursors by Nanofiltration. <i>Water Research</i> , 2016, 105, 274-281.	11.3	35
76	Granular Activated Carbon Treatment May Result in Higher Predicted Genotoxicity in the Presence of Bromide. <i>Environmental Science & Technology</i> , 2016, 50, 9583-9591.	10.0	83
77	Evaluation of Seasonal Performance of Conventional and Phosphate-Amended Biofilters. <i>Journal - American Water Works Association</i> , 2016, 108, E523.	0.3	14
78	Adsorption of organic contaminants by graphene nanosheets, carbon nanotubes and granular activated carbons under natural organic matter preloading conditions. <i>Science of the Total Environment</i> , 2016, 565, 811-817.	8.0	84
79	Effect of bead milling on chemical and physical characteristics of activated carbons pulverized to superfine sizes. <i>Water Research</i> , 2016, 89, 161-170.	11.3	52
80	Removal of N -nitrosodimethylamine precursors with powdered activated carbon adsorption. <i>Water Research</i> , 2016, 88, 711-718.	11.3	48
81	The environmental impacts of iron and steel industry: a life cycle assessment study. <i>Journal of Cleaner Production</i> , 2016, 130, 195-201.	9.3	112
82	The Role of Pre-Oxidation in Controlling NDMA Formation: A Review. <i>ACS Symposium Series</i> , 2015, , 151-172.	0.5	3
83	Carbonaceous and Nitrogenous Disinfection By-Product Formation Potentials of Amino Acids. <i>ACS Symposium Series</i> , 2015, , 215-234.	0.5	1
84	Optimization of Coagulation Pretreatment Conditions in a Ceramic Membrane System. <i>Journal - American Water Works Association</i> , 2015, 107, E693.	0.3	7
85	Occurrence and Formation of Disinfection By-Products in Indoor U.S. Swimming Pools. <i>ACS Symposium Series</i> , 2015, , 405-430.	0.5	6
86	<i>N</i> -Nitrosodimethylamine (NDMA) Precursors Leach from Nanofiltration Membranes. <i>Environmental Science and Technology Letters</i> , 2015, 2, 66-69.	8.7	15
87	Influence of carbon nanotubes on the bioavailability of fluoranthene. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 658-666.	4.3	31
88	Seasonal and temporal patterns of NDMA formation potentials in surface waters. <i>Water Research</i> , 2015, 69, 162-172.	11.3	49
89	Wildfire Altering Terrestrial Precursors of Disinfection Byproducts in Forest Detritus. <i>Environmental Science & Technology</i> , 2015, 49, 5921-5929.	10.0	90
90	Disinfection by-product formation during seawater desalination: A review. <i>Water Research</i> , 2015, 81, 343-355.	11.3	164

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91	Mechanisms and modeling of halogenated aliphatic contaminant adsorption by carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2015, 295, 138-144.	12.4	42
92	Adsorption of halogenated aliphatic contaminants by graphene nanomaterials. <i>Water Research</i> , 2015, 79, 57-67.	11.3	87
93	Trihalomethane hydrolysis in drinking water at elevated temperatures. <i>Water Research</i> , 2015, 78, 18-27.	11.3	40
94	Leaching of DOC, DN, and inorganic constituents from scrap tires. <i>Chemosphere</i> , 2015, 139, 617-623.	8.2	70
95	Assessing trihalomethanes (THMs) and N-nitrosodimethylamine (NDMA) formation potentials in drinking water treatment plants using fluorescence spectroscopy and parallel factor analysis. <i>Chemosphere</i> , 2015, 121, 84-91.	8.2	100
96	LCA as a decision support tool for evaluation of best available techniques (BATs) for cleaner production of iron casting. <i>Journal of Cleaner Production</i> , 2015, 105, 337-347.	9.3	80
97	Adsorption of synthetic organic contaminants by carbon nanotubes: A critical review. <i>Water Research</i> , 2015, 68, 34-55.	11.3	261
98	Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems. <i>Waste Management and Research</i> , 2014, 32, 763-771.	3.9	3
99	The effect of pre-oxidation on NDMA formation and the influence of pH. <i>Water Research</i> , 2014, 66, 169-179.	11.3	69
100	Formation Mechanism of NDMA from Ranitidine, Trimethylamine, and Other Tertiary Amines during Chloramination: A Computational Study. <i>Environmental Science & Technology</i> , 2014, 48, 8653-8663.	10.0	72
101	Disinfection byproducts in swimming pool: Occurrences, implications and future needs. <i>Water Research</i> , 2014, 53, 68-109.	11.3	175
102	Not your granddad's disinfection byproduct problems and solutions. <i>Journal - American Water Works Association</i> , 2014, 106, 54-73.	0.3	7
103	Comparing graphene, carbon nanotubes, and superfine powdered activated carbon as adsorptive coating materials for microfiltration membranes. <i>Journal of Hazardous Materials</i> , 2013, 261, 91-98.	12.4	56
104	Development of a 3D QSPR model for adsorption of aromatic compounds by carbon nanotubes: comparison of multiple linear regression, artificial neural network and support vector machine. <i>RSC Advances</i> , 2013, 3, 23924.	3.6	27
105	The roles of tertiary amine structure, background organic matter and chloramine species on NDMA formation. <i>Water Research</i> , 2013, 47, 945-953.	11.3	128
106	Applicability of the linear solvation energy relationships in the prediction for adsorption of aromatic compounds on activated carbons from aqueous solutions. <i>Separation and Purification Technology</i> , 2013, 117, 111-117.	7.9	14
107	Adsorption of aromatic organic contaminants by graphene nanosheets: Comparison with carbon nanotubes and activated carbon. <i>Water Research</i> , 2013, 47, 1648-1654.	11.3	283
108	Formation of haloacetic acids from dissolved organic matter fractions during chloramination. <i>Water Research</i> , 2013, 47, 1147-1155.	11.3	23

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109	The control of N-DBP and C-DBP precursors with MIEXA®. Water Research, 2013, 47, 1344-1352.	11.3	66
110	Predictive Model Development for Adsorption of Aromatic Contaminants by Multi-Walled Carbon Nanotubes. Environmental Science & Technology, 2013, 47, 2295-2303.	10.0	88
111	Calculating the greenhouse gas emissions of water utilities. Journal - American Water Works Association, 2013, 105, E363.	0.3	7
112	MIEXA® treatment of an effluent-impacted stream. Journal - American Water Works Association, 2013, 105, E195.	0.3	9
113	Source water and microfiltration plant manganese control study. Journal - American Water Works Association, 2013, 105, E480.	0.3	0
114	The effects of selected preoxidation strategies on I-THM formation and speciation. Water Research, 2012, 46, 5491-5498.	11.3	37
115	The correlation between structural characteristics of activated carbons and their adsorption of organic solutes from aqueous solutions. Adsorption, 2012, 18, 229-238.	3.0	6
116	The impact of bromide/iodide concentration and ratio on iodinated trihalomethane formation and speciation. Water Research, 2012, 46, 11-20.	11.3	96
117	The effects of pH, bromide and nitrite on halonitromethane and trihalomethane formation from amino acids and amino sugars. Chemosphere, 2012, 86, 323-328.	8.2	73
118	Impact of carbon nanotube morphology on phenanthrene adsorption. Environmental Toxicology and Chemistry, 2012, 31, 73-78.	4.3	47
119	Adsorption kinetics of aromatic compounds on carbon nanotubes and activated carbons. Environmental Toxicology and Chemistry, 2012, 31, 79-85.	4.3	51
120	I-THM Formation and Speciation: Preformed Monochloramine versus Prechlorination Followed by Ammonia Addition. Environmental Science & Technology, 2011, 45, 10429-10437.	10.0	69
121	Hazardous waste management in Turkey: current legislative requirements and future challenges. Desalination and Water Treatment, 2011, 26, 152-159.	1.0	2
122	Formation of disinfection by-products in indoor swimming pool water: The contribution from filling water natural organic matter and swimmer body fluids. Water Research, 2011, 45, 926-932.	11.3	138
123	The effects of dissolved natural organic matter on the adsorption of synthetic organic chemicals by activated carbons and carbon nanotubes. Water Research, 2011, 45, 1378-1386.	11.3	126
124	Unexpected Role of Activated Carbon in Promoting Transformation of Secondary Amines to N-Nitrosamines. Environmental Science & Technology, 2010, 44, 4161-4168.	10.0	66
125	Comparative Analysis of Halonitromethane and Trihalomethane Formation and Speciation in Drinking Water: The Effects of Disinfectants, pH, Bromide, and Nitrite. Environmental Science & Technology, 2010, 44, 794-799.	10.0	112
126	Halonitromethane formation potentials in drinking waters. Water Research, 2010, 44, 105-114.	11.3	148

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127	Adsorption of synthetic organic chemicals by carbon nanotubes: Effects of background solution chemistry. <i>Water Research</i> , 2010, 44, 2067-2074.	11.3	207
128	Adsorption of Aromatic Compounds by Carbonaceous Adsorbents: A Comparative Study on Granular Activated Carbon, Activated Carbon Fiber, and Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2010, 44, 6377-6383.	10.0	237
129	Halonitromethanes formation in wastewater treatment plant effluents. <i>Chemosphere</i> , 2010, 79, 174-179.	8.2	49
130	Isolation and fractionation of natural organic matter: evaluation of reverse osmosis performance and impact of fractionation parameters. <i>Environmental Monitoring and Assessment</i> , 2009, 153, 307-321.	2.7	31
131	The Impacts of Aggregation and Surface Chemistry of Carbon Nanotubes on the Adsorption of Synthetic Organic Compounds. <i>Environmental Science & Technology</i> , 2009, 43, 5719-5725.	10.0	146
132	The significance of physical factors on the adsorption of polyaromatic compounds by activated carbons. <i>Carbon</i> , 2008, 46, 1885-1891.	10.3	23
133	Impacts of land disturbance on aquatic ecosystem health: Quantifying the cascade of events. <i>Integrated Environmental Assessment and Management</i> , 2008, 4, 431-442.	2.9	15
134	Recent Advances in Disinfection By-Product Formation, Occurrence, Control, Health Effects, and Regulations. <i>ACS Symposium Series</i> , 2008, , 2-19.	0.5	29
135	HAA Formation and Speciation during Chloramination. <i>ACS Symposium Series</i> , 2008, , 124-140.	0.5	2
136	Natural Dissolved Organic Matter Removal and Subsequent Disinfection By-Product Formation: A Comparison of Ion Exchange and Activated Carbon. <i>ACS Symposium Series</i> , 2008, , 242-256.	0.5	1
137	Physico-Chemical Processes. <i>Water Environment Research</i> , 2008, 80, 978-1035.	2.7	0
138	Effects of quenching methods on HAA determination in chloraminated waters. <i>Journal - American Water Works Association</i> , 2008, 100, 89-99.	0.3	13
139	Approaches To Mitigate the Impact of Dissolved Organic Matter on the Adsorption of Synthetic Organic Contaminants by Porous Carbonaceous Sorbents. <i>Environmental Science & Technology</i> , 2007, 41, 7888-7894.	10.0	29
140	HAA formation during chloramination—significance of monochloramine's direct reaction with DOM. <i>Journal - American Water Works Association</i> , 2007, 99, 57-69.	0.3	47
141	Influence of Drought and Municipal Sewage Effluents on the Baseflow Water Chemistry of an Upper Piedmont River. <i>Environmental Monitoring and Assessment</i> , 2007, 132, 171-187.	2.7	20
142	Exploring Molecular Sieve Capabilities of Activated Carbon Fibers to Reduce the Impact of NOM Preloading on Trichloroethylene Adsorption. <i>Environmental Science & Technology</i> , 2006, 40, 1321-1327.	10.0	24
143	The impact of filtrate turbidity on UV ₂₅₄ and SUVA ₂₅₄ determinations. <i>Journal - American Water Works Association</i> , 2005, 97, 125-136.	0.3	13
144	The effect of the physical and chemical characteristics of activated carbons on the adsorption energy and affinity coefficient of Dubinin equation. <i>Journal of Colloid and Interface Science</i> , 2005, 292, 312-321.	9.4	29

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145	Dissolved organic matter removal and disinfection byproduct formation control using ion exchange. <i>Desalination</i> , 2005, 176, 189-200.	8.2	54
146	Adsorption of dissolved natural organic matter by modified activated carbons. <i>Water Research</i> , 2005, 39, 2281-2290.	11.3	146
147	Adsorption of oxygen by heat-treated granular and fibrous activated carbons. <i>Journal of Colloid and Interface Science</i> , 2004, 274, 1-8.	9.4	37
148	Tailoring activated carbons for enhanced removal of natural organic matter from natural waters. <i>Carbon</i> , 2004, 42, 547-557.	10.3	204
149	Trichloroethylene Adsorption by Fibrous and Granular Activated Carbons: Aqueous Phase, Gas Phase, and Water Vapor Adsorption Studies. <i>Environmental Science & Technology</i> , 2004, 38, 5834-5841.	10.0	103
150	Effects of reverse osmosis isolation on reactivity of naturally occurring dissolved organic matter in physicochemical processes. <i>Water Research</i> , 2004, 38, 1026-1036.	11.3	35
151	Performance of a hybrid reverse osmosis-constructed wetland treatment system for brackish oil field produced water. <i>Water Research</i> , 2003, 37, 705-713.	11.3	135
152	Selecting Filter Membranes for measuring DOC and UV ₂₅₄ . <i>Journal - American Water Works Association</i> , 2003, 95, 86-100.	0.3	74
153	Preloading of GAC by natural organic matter: effect of surface chemistry on TCE uptake. <i>Studies in Surface Science and Catalysis</i> , 2002, , 553-560.	1.5	6
154	Survey of DOC and UV measurement practices with implications for SUVA determination. <i>Journal - American Water Works Association</i> , 2002, 94, 68-80.	0.3	104
155	Removal and Sequestration of Iodide Using Silver-Impregnated Activated Carbon. <i>Environmental Science & Technology</i> , 2002, 36, 784-789.	10.0	162
156	Trichloroethylene adsorption by activated carbon preloaded with humic substances: effects of solution chemistry. <i>Water Research</i> , 2002, 36, 1685-1698.	11.3	55
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