

Martin Reinhard

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Occurrence and fate of emerging contaminants in municipal wastewater treatment plants from different geographical regions-a review. <i>Water Research</i> , 2018, 133, 182-207.	11.3	1,077
2	Sequestration of Hydrophobic Organic Contaminants by Geosorbents. <i>Environmental Science & Technology</i> , 1997, 31, 3341-3347.	10.0	923
3	Impacts of emerging organic contaminants on freshwater resources: Review of recent occurrences, sources, fate and effects. <i>Science of the Total Environment</i> , 2010, 408, 6062-6069.	8.0	860
4	Critical Review of Pd-Based Catalytic Treatment of Priority Contaminants in Water. <i>Environmental Science & Technology</i> , 2012, 46, 3655-3670.	10.0	373
5	Emerging contaminants of public health significance as water quality indicator compounds in the urban water cycle. <i>Environment International</i> , 2014, 71, 46-62.	10.0	345
6	Degradation of Polyamide Nanofiltration and Reverse Osmosis Membranes by Hypochlorite. <i>Environmental Science & Technology</i> , 2012, 46, 852-859.	10.0	337
7	Occurrence and removal of multiple classes of antibiotics and antimicrobial agents in biological wastewater treatment processes. <i>Water Research</i> , 2016, 104, 461-472.	11.3	319
8	PHOTODEGRADATION OF COMMON ENVIRONMENTAL PHARMACEUTICALS AND ESTROGENS IN RIVER WATER. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1303.	4.3	272
9	Effects of polyetherâ€“polyamide block copolymer coating on performance and fouling of reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2006, 280, 762-770.	8.2	258
10	Trace organics in groundwater. <i>Environmental Science & Technology</i> , 1981, 15, 40-51.	10.0	225
11	Characterization of isolated polyamide thin films of RO and NF membranes using novel TEM techniques. <i>Journal of Membrane Science</i> , 2010, 358, 51-59.	8.2	218
12	Occurrence and distribution of organic chemicals in two landfill leachate plumes. <i>Environmental Science & Technology</i> , 1984, 18, 953-961.	10.0	217
13	Reductive Dehalogenation of Hexachloroethane, Carbon Tetrachloride, and Bromoform by Anthrahydroquinone Disulfonate and Humic Acid. <i>Environmental Science & Technology</i> , 1994, 28, 2393-2401.	10.0	212
14	Nanofiltration for Trace Organic Contaminant Removal: Structure, Solution, and Membrane Fouling Effects on the Rejection of Perfluorochemicals. <i>Environmental Science & Technology</i> , 2008, 42, 5292-5297.	10.0	206
15	N-nitrosodimethylamine (NDMA) removal by reverse osmosis and UV treatment and analysis via LCâ€“MS/MS. <i>Water Research</i> , 2008, 42, 347-355.	11.3	202
16	Hydrodehalogenation of 1- to 3-Carbon Halogenated Organic Compounds in Water Using a Palladium Catalyst and Hydrogen Gas. <i>Environmental Science & Technology</i> , 1999, 33, 1905-1910.	10.0	194
17	Transformation of Carbon Tetrachloride by Pyrite in Aqueous Solution. <i>Environmental Science & Technology</i> , 1994, 28, 692-700.	10.0	183
18	Pd-Catalyzed TCE Dechlorination in Groundwater: Solute Effects, Biological Control, and Oxidative Catalyst Regeneration. <i>Environmental Science & Technology</i> , 2000, 34, 3217-3223.	10.0	183

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19	Desorption of halogenated organics from model solids, sediments, and soil under unsaturated conditions. 2. Kinetics. <i>Environmental Science & Technology</i> , 1994, 28, 63-72.	10.0	172
20	Enhanced In Situ Bioremediation of BTEX-Contaminated Groundwater by Combined Injection of Nitrate and Sulfate. <i>Environmental Science & Technology</i> , 2001, 35, 1663-1670.	10.0	170
21	Transformation of carbon tetrachloride in the presence of sulfide, biotite, and vermiculite. <i>Environmental Science & Technology</i> , 1992, 26, 2198-2206.	10.0	168
22	Comparing microfiltration-reverse osmosis and soil-aquifer treatment for indirect potable reuse of water. <i>Water Research</i> , 2003, 37, 3612-3621.	11.3	164
23	Effects of Chlorine Exposure Conditions on Physicochemical Properties and Performance of a Polyamide Membrane—Mechanisms and Implications. <i>Environmental Science & Technology</i> , 2012, 46, 13184-13192.	10.0	164
24	Hydrodechlorination and hydrogenation of aromatic compounds over palladium on alumina in hydrogen-saturated water. <i>Applied Catalysis B: Environmental</i> , 1998, 18, 215-221.	20.2	162
25	Treatment of 1,2-dibromo-3-chloropropane and nitrate-contaminated water with zero-valent iron or hydrogen/palladium catalysts. <i>Water Research</i> , 1996, 30, 2315-2322.	11.3	160
26	Desorption of halogenated organics from model solids, sediments, and soil under unsaturated conditions. 1. Isotherms. <i>Environmental Science & Technology</i> , 1994, 28, 53-62.	10.0	152
27	Desorption of trichloroethylene in aquifer material: rate limitation at the grain scale. <i>Environmental Science & Technology</i> , 1993, 27, 2360-2366.	10.0	149
28	3D visualization of the internal nanostructure of polyamide thin films in RO membranes. <i>Journal of Membrane Science</i> , 2016, 501, 33-44.	8.2	149
29	Emerging contaminants in wastewater, stormwater runoff, and surface water: Application as chemical markers for diffuse sources. <i>Science of the Total Environment</i> , 2019, 676, 252-267.	8.0	143
30	OCCURRENCE AND FATE OF PHARMACEUTICALS AND ALKYLPHENOL ETHOXYLATE METABOLITES IN AN EFFLUENT-DOMINATED RIVER AND WETLAND. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2074.	4.3	138
31	Novel Perspectives on the Bioaccumulation of PFCs — the Concentration Dependency. <i>Environmental Science & Technology</i> , 2011, 45, 9758-9764.	10.0	133
32	Critical Review of Desalination Concentrate Management, Treatment and Beneficial Use. <i>Environmental Engineering Science</i> , 2013, 30, 502-514.	1.6	129
33	Indirect Photolysis of Perfluorochemicals: Hydroxyl Radical-Initiated Oxidation of <i>N</i> -Ethyl Perfluorooctane Sulfonamido Acetate (<i>N</i> -EtFOSAA) and Other Perfluoroalkanesulfonamides. <i>Environmental Science & Technology</i> , 2009, 43, 3662-3668.	10.0	128
34	Perfluoroalkyl and polyfluoroalkyl substances removal in a full-scale tropical constructed wetland system treating landfill leachate. <i>Water Research</i> , 2017, 125, 418-426.	11.3	126
35	Catalytic hydrodehalogenation of chlorinated ethylenes using palladium and hydrogen for the treatment of contaminated water. <i>Chemosphere</i> , 1995, 31, 3475-3487.	8.2	124
36	Photochemical Attenuation of <i>N</i> -Nitrosodimethylamine (NDMA) and other Nitrosamines in Surface Water. <i>Environmental Science & Technology</i> , 2007, 41, 6170-6176.	10.0	118

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37	Evaluating the impacts of membrane type, coating, fouling, chemical properties and water chemistry on reverse osmosis rejection of seven nitrosoalkylamines, including NDMA. <i>Water Research</i> , 2007, 41, 3959-3967.	11.3	110
38	Perfluorochemicals in water reuse. <i>Chemosphere</i> , 2008, 72, 1541-1547.	8.2	110
39	Occurrence of Herbicides and Pharmaceutical and Personal Care Products in Surface Water and Groundwater around Liberty Bay, Puget Sound, Washington. <i>Journal of Environmental Quality</i> , 2010, 39, 1173-1180.	2.0	110
40	Initial Reactions in Anaerobic Oxidation of <i>m</i> -Xylene by the Denitrifying Bacterium <i>Azoarcus</i> sp. Strain T. <i>Journal of Bacteriology</i> , 1999, 181, 6403-6410.	2.2	110
41	Byproducts of Anaerobic Alkylbenzene Metabolism Useful as Indicators of in Situ Bioremediation. <i>Environmental Science & Technology</i> , 1995, 29, 2864-2870.	10.0	106
42	In-Situ Destruction of Chlorinated Hydrocarbons in Groundwater Using Catalytic Reductive Dehalogenation in a Reactive Well: A Testing and Operational Experiences. <i>Environmental Science & Technology</i> , 2000, 34, 149-153.	10.0	105
43	Investigation of pharmaceuticals, personal care products and endocrine disrupting chemicals in a tropical urban catchment and the influence of environmental factors. <i>Science of the Total Environment</i> , 2015, 536, 955-963.	8.0	104
44	Effects of Temperature on Trichloroethylene Desorption from Silica Gel and Natural Sediments. 2. Kinetics. <i>Environmental Science & Technology</i> , 1997, 31, 697-703.	10.0	101
45	NATURAL ATTENUATION OF PHARMACEUTICALS AND ALKYLPHENOL POLYETHOXYLATE METABOLITES DURING RIVER TRANSPORT: PHOTOCHEMICAL AND BIOLOGICAL TRANSFORMATION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1458.	4.3	101
46	Occurrence of brominated alkylphenol polyethoxy carboxylates in mutagenic waste water concentrates. <i>Environmental Science & Technology</i> , 1982, 16, 351-362.	10.0	100
47	Transformation of chlorinated organic compounds by iron and manganese powders in buffered water and in landfill leachate. <i>Chemosphere</i> , 1994, 29, 1743-1753.	8.2	99
48	Pd-Catalyzed TCE Dechlorination in Water: Effect of [H ₂](aq) and H ₂ -Utilizing Competitive Solutes on the TCE Dechlorination Rate and Product Distribution. <i>Environmental Science & Technology</i> , 2001, 35, 696-702.	10.0	99
49	Comparison of rhodamine WT and bromide in the determination of hydraulic characteristics of constructed wetlands. <i>Ecological Engineering</i> , 2003, 20, 75-88.	3.6	97
50	Environmental and Health Impacts of Artificial Turf: A Review. <i>Environmental Science & Technology</i> , 2014, 48, 2114-2129.	10.0	93
51	Occurrence and Behavior of Alkylphenol Polyethoxylates in the Environment. <i>Environmental Engineering Science</i> , 2003, 20, 471-486.	1.6	92
52	Occurrence and source characterization of perfluorochemicals in an urban watershed. <i>Chemosphere</i> , 2011, 82, 1277-1285.	8.2	85
53	Harnessing Natural Attenuation of Pharmaceuticals and Hormones in Rivers. <i>Environmental Science & Technology</i> , 2006, 40, 2872-2876.	10.0	84
54	Effects of grain-scale mass transfer on the transport of volatile organics through sediments: 1. Model development. <i>Water Resources Research</i> , 1997, 33, 2713-2726.	4.2	83

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55	Mercury adsorption to elemental carbon (soot) particles and atmospheric particulate matter. <i>Atmospheric Environment</i> , 1998, 32, 2649-2657.	4.1	82
56	Behavior of alkylphenol polyethoxylate metabolites during soil aquifer treatment. <i>Water Research</i> , 2003, 37, 3672-3681.	11.3	82
57	Metallocoenzyme-Mediated Reductive Transformation of Carbon Tetrachloride in Titanium(III) Citrate Aqueous Solution. <i>Environmental Science & Technology</i> , 1995, 29, 595-603.	10.0	81
58	Abiotic dehalogenation of 1,2-dichloroethane and 1,2-dibromoethane in aqueous solution containing hydrogen sulfide. <i>Environmental Science & Technology</i> , 1989, 23, 1349-1358.	10.0	79
59	Occurrence of emerging organic contaminants in a tropical urban catchment in Singapore. <i>Chemosphere</i> , 2011, 83, 963-969.	8.2	79
60	Biotransformation of halogenated and nonhalogenated octylphenol polyethoxylate residues under aerobic and anaerobic conditions. <i>Environmental Science & Technology</i> , 1989, 23, 951-961.	10.0	78
61	Implementing Heterogeneous Catalytic Dechlorination Technology for Remediating TCE-Contaminated Groundwater. <i>Environmental Science & Technology</i> , 2008, 42, 8908-8915.	10.0	77
62	Sorption of Trichloroethylene in Hydrophobic Micropores of Dealuminated Y Zeolites and Natural Minerals. <i>Environmental Science & Technology</i> , 2006, 40, 7694-7701.	10.0	76
63	Effects of surface coating process conditions on the water permeation and salt rejection properties of composite polyamide reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2011, 367, 249-255.	8.2	75
64	Effects of hypochlorous acid exposure on the rejection of salt, polyethylene glycols, boron and arsenic(V) by nanofiltration and reverse osmosis membranes. <i>Water Research</i> , 2012, 46, 5217-5223.	11.3	74
65	Tailoring catalysts for hydrodechlorinating chlorinated hydrocarbon contaminants in groundwater. <i>Applied Catalysis B: Environmental</i> , 2000, 28, 147-152.	20.2	71
66	Effects of grain-scale mass transfer on the transport of volatile organics through sediments: 2. Column results. <i>Water Resources Research</i> , 1997, 33, 2727-2740.	4.2	70
67	Characterization of estrogen-degrading bacteria isolated from an artificial sandy aquifer with ultrafiltered secondary effluent as the medium. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 1163-1171.	3.6	70
68	Reversible and irreversible sorption of perfluorinated compounds (PFCs) by sediments of an urban reservoir. <i>Chemosphere</i> , 2016, 144, 1747-1753.	8.2	70
69	Reactivities of hypochlorous and hypobromous acid, chlorine monoxide, hypobromous acid ion, chlorine, bromine, and bromine chloride in electrophilic aromatic substitution reactions with p-xylene in water. <i>Environmental Science & Technology</i> , 1988, 22, 1049-1056.	10.0	69
70	Effects of Sorption on the Rejection of Trace Organic Contaminants During Nanofiltration. <i>Environmental Science & Technology</i> , 2010, 44, 2592-2598.	10.0	68
71	Degradation of toluene and p-xylene in anaerobic microcosms: Evidence for sulfate as a terminal electron acceptor. <i>Environmental Toxicology and Chemistry</i> , 1991, 10, 1379-1389.	4.3	67
72	Metal-Catalyzed Reduction of N-Nitrosodimethylamine with Hydrogen in Water. <i>Environmental Science & Technology</i> , 2006, 40, 7329-7335.	10.0	66

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73	Multi-compartment distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in an urban catchment system. <i>Water Research</i> , 2019, 154, 227-237.	11.3	65
74	Effects of Temperature on Trichloroethylene Desorption from Silica Gel and Natural Sediments. 1. Isotherms. <i>Environmental Science & Technology</i> , 1997, 31, 689-696.	10.0	62
75	Monoaromatic hydrocarbon transformation under anaerobic conditions at seal beach, California: Laboratory studies. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 114-122.	4.3	61
76	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. <i>Talanta</i> , 2016, 159, 163-173.	5.5	60
77	Transformation of Carbon Tetrachloride by Reduced Vitamin B12 in Aqueous Cysteine Solution. <i>Environmental Science & Technology</i> , 1996, 30, 1882-1889.	10.0	59
78	Degradation of organic compounds during the corrosion of ZVI by hydrogen peroxide at neutral pH: Kinetics, mechanisms and effect of corrosion promoting and inhibiting ions. <i>Water Research</i> , 2018, 134, 44-53.	11.3	59
79	Identification of wastewater dissolved organic carbon characteristics in reclaimed wastewater and recharged groundwater. <i>Water Environment Research</i> , 1996, 68, 867-876.	2.7	56
80	Natural attenuation potential of downwelling streams for perfluorochemicals and other emerging contaminants. <i>Water Science and Technology</i> , 2007, 56, 59-64.	2.5	54
81	Palladium-Indium Catalyzed Reduction of <i>N</i> -Nitrosodimethylamine: Indium as a Promoter Metal. <i>Environmental Science & Technology</i> , 2008, 42, 3040-3046.	10.0	51
82	Palladium-catalyzed aqueous hydrodehalogenation in column reactors: Modeling of deactivation kinetics with sulfide and comparison of regenerants. <i>Applied Catalysis B: Environmental</i> , 2007, 75, 1-10.	20.2	49
83	Petroleum-derived and indigenous hydrocarbons in recent sediments of Lake Zug, Switzerland. <i>Environmental Science & Technology</i> , 1974, 8, 454-455.	10.0	47
84	Removing Trace Organics by Reverse Osmosis Using Cellulose Acetate and Polyamide Membranes. <i>Journal - American Water Works Association</i> , 1986, 78, 163-174.	0.3	45
85	Occurrence and Fate of Benzophenone-Type UV Filters in a Tropical Urban Watershed. <i>Environmental Science & Technology</i> , 2018, 52, 3960-3967.	10.0	44
86	Identification of Metabolites from the Biological Transformation of the Nonionic Surfactant Residue Octylphenoxyacetic Acid and Its Brominated Analog. <i>Environmental Science & Technology</i> , 1997, 31, 1518-1524.	10.0	43
87	Reductive Transformation of Trichloroethene by Cobalamin: Reactivities of the Intermediates Acetylene, Chloroacetylene, and the DCE Isomers. <i>Environmental Science & Technology</i> , 1998, 32, 1207-1213.	10.0	42
88	Injection-Extraction Treatment Well Pairs: An Alternative to Permeable Reactive Barriers. <i>Ground Water</i> , 2002, 40, 599-607.	1.3	42
89	Gas and liquid permeation properties of modified interfacial composite reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2008, 325, 793-800.	8.2	41
90	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	5.5	39

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91	The tolerance of a thin-film composite polyamide reverse osmosis membrane to hydrogen peroxide exposure. <i>Journal of Membrane Science</i> , 2017, 524, 529-536.	8.2	38
92	Reaction products and rates of disappearance of simple bromoalkanes, 1,2-dibromopropane, and 1,2-dibromoethane in water. <i>Environmental Science & Technology</i> , 1986, 20, 992-997.	10.0	37
93	Identification of organic residues in tertiary effluents by GC/EI-MS, GC/CI-MS and GC/TSQ-MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 1996, 354, 48-55.	1.5	37
94	Characterization of occurrence, sources and sinks of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in a tropical urban catchment. <i>Environmental Pollution</i> , 2017, 227, 397-405.	7.5	36
95	Biotransformation of Sulfluramid (N-ethyl perfluorooctane sulfonamide) and dynamics of associated rhizospheric microbial community in microcosms of wetland plants. <i>Chemosphere</i> , 2018, 211, 379-389.	8.2	35
96	Identification and quantification of halogenated and non-halogenated octylphenol polyethoxylate residues by gas chromatography/mass spectrometry using electron ionization and chemical ionization. <i>Biomedical & Environmental Mass Spectrometry</i> , 1988, 15, 275-282.	1.6	33
97	Occurrence, fate, and fluxes of perfluorochemicals (PFCs) in an urban catchment: Marina Reservoir, Singapore. <i>Water Science and Technology</i> , 2012, 66, 2439-2446.	2.5	33
98	Transformation and Sorption of 1,2-Dibromo-3-Chloropropane in Subsurface Samples Collected at Fresno, California. <i>Journal of Environmental Quality</i> , 1991, 20, 547-556.	2.0	31
99	Fate and transport of perfluoro- and polyfluoroalkyl substances including perfluorooctane sulfonamides in a managed urban water body. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10382-10392.	5.3	31
100	Recycled water for stream flow augmentation: Benefits, challenges, and the presence of wastewater-derived organic compounds. <i>Science of the Total Environment</i> , 2012, 438, 541-548.	8.0	30
101	Chloroform hydrodechlorination behavior of alumina-supported Pd and PdAu catalysts. <i>AIChE Journal</i> , 2013, 59, 4474-4482.	3.6	30
102	Photodegradation kinetics of p-tert-octylphenol, 4-tert-octylphenoxy-acetic acid and ibuprofen under simulated solar conditions in surface water. <i>Chemosphere</i> , 2011, 85, 790-796.	8.2	29
103	Enhanced anaerobic bioremediation of groundwater contaminated by fuel hydrocarbons at Seal Beach, California. <i>Biodegradation</i> , 2000, 11, 159-170.	3.0	28
104	Iron catalyzed degradation of an aromatic polyamide reverse osmosis membrane by free chlorine. <i>Journal of Membrane Science</i> , 2019, 577, 205-211.	8.2	27
105	A kinetic model for the halogenation of p-xylene in aqueous hypochlorous acid solutions containing chloride and bromide. <i>Environmental Science & Technology</i> , 1988, 22, 1056-1062.	10.0	25
106	Hydraulics of Recirculating Well Pairs for Ground Water Remediation. <i>Ground Water</i> , 2004, 42, 880-889.	1.3	25
107	Rate laws and kinetic modeling of N-ethyl perfluorooctane sulfonamidoethanol (N-EtFOSE) transformation by hydroxyl radical in aqueous solution. <i>Water Research</i> , 2013, 47, 2241-2250.	11.3	22
108	Measuring Hydrophobic Micropore Volumes in Geosorbents from Trichloroethylene Desorption Data. <i>Environmental Science & Technology</i> , 2006, 40, 3595-3602.	10.0	21

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109	Reductive Hydrodechlorination of Trichloroethylene by Palladium-on-Alumina Catalyst: ^{13}C Solid-State NMR Study of Surface Reaction Precursors. <i>Langmuir</i> , 2006, 22, 4158-4164.	3.5	21
110	Effects of monochloramine and hydrogen peroxide on the bacterial community shifts in biologically treated wastewater. <i>Chemosphere</i> , 2017, 189, 399-406.	8.2	21
111	Binary Desorption Isotherms of TCE and PCE from Silica Gel and Natural Solids. <i>Environmental Science & Technology</i> , 2000, 34, 4341-4347.	10.0	19
112	Sorption and Inhibited Dehydrohalogenation of 2,2-Dichloropropane in Micropores of Dealuminated Y Zeolites. <i>Environmental Science & Technology</i> , 2007, 41, 1934-1941.	10.0	19
113	In Situ Biotransformation of BTEX Compounds Under Methanogenic Conditions. <i>Ground Water Monitoring and Remediation</i> , 2005, 25, 50-59.	0.8	18
114	Catalytic effect of iron on the tolerance of thin-film composite polyamide reverse osmosis membranes to hydrogen peroxide. <i>Journal of Membrane Science</i> , 2018, 548, 91-98.	8.2	18
115	Quantitative assessment of the iron-catalyzed degradation of a polyamide nanofiltration membrane by hydrogen peroxide. <i>Journal of Membrane Science</i> , 2019, 588, 117154.	8.2	16
116	Occurrence and behavior of wastewater indicators in the Santa Ana River and the underlying aquifers. <i>Chemosphere</i> , 1999, 39, 1781-1794.	8.2	15
117	The Rate of 2,2-Dichloropropane Transformation in Mineral Micropores: Implications of Sorptive Preservation for Fate and Transport of Organic Contaminants in the Subsurface. <i>Environmental Science & Technology</i> , 2008, 42, 2879-2885.	10.0	15
118	NP ₁ EC Degradation Pathways Under Oxic and Microxic Conditions. <i>Environmental Science & Technology</i> , 2008, 42, 6409-6414.	10.0	15
119	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and ^{15}N -microcystins as isotopically labelled internal standards. <i>Science of the Total Environment</i> , 2020, 738, 139727.	8.0	15
120	DEGRADATION OF TOLUENE AND p-XYLENE IN ANAEROBIC MICROCOSMS: EVIDENCE FOR SULFATE AS A TERMINAL ELECTRON ACCEPTOR. <i>Environmental Toxicology and Chemistry</i> , 1991, 10, 1379.	4.3	15
121	Molecular weight distribution of dissolved organic carbon and dissolved organic halogen in advanced treated wastewaters. <i>Environmental Science & Technology</i> , 1984, 18, 410-415.	10.0	13
122	Quantification of cylindrospermopsin, anatoxin-a and homoanatoxin-a in cyanobacterial bloom freshwater using direct injection/SPE coupled with UPLC-MS/MS. <i>Science of the Total Environment</i> , 2020, 731, 139014.	8.0	13
123	Counter-Diffusion of Isotopically Labeled Trichloroethylene in Silica Gel and Geosorbent Micropores: $\delta^{13}\text{C}$ Column Results. <i>Environmental Science & Technology</i> , 1999, 33, 730-736.	10.0	12
124	Chapter 7 Micropollutants in Water Recycling: A Case Study of N-Nitrosodimethylamine (NDMA) Exposure from Water versus Food. <i>Sustainability Science and Engineering</i> , 2010, , 203-228.	0.6	12
125	Potential for ^{17}O -Estradiol and Estrone Degradation in a Recharge Aquifer System. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 819-826.	1.4	11
126	Response to Comment on "Critical Review of Pd-Based Catalytic Treatment of Priority Contaminants in Water". <i>Environmental Science & Technology</i> , 2012, 46, 11469-11470.	10.0	10

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127	Trace Organics Removal by Advanced Waste Treatment. American Society of Civil Engineers, Journal of the Environmental Engineering Division, 1979, 105, 675-693.	0.3	10
128	Biodegradation Residual of 4-Octylphenoxyacetic Acid in Laboratory Columns under Groundwater Recharge Conditions. Environmental Science & Technology, 1999, 33, 4422-4426.	10.0	9
129	High activity and regenerability of a palladium-gold catalyst for chloroform degradation. Journal of Chemical Technology and Biotechnology, 2016, 91, 2590-2596.	3.2	9
130	Using <i>Pseudomonas aeruginosa</i> PAO1 to evaluate hydrogen peroxide as a biofouling control agent in membrane treatment systems. Letters in Applied Microbiology, 2016, 63, 488-494.	2.2	9
131	ATHIAS – An information system for abiotic transformations of halogenated hydrocarbons in aqueous solution. Chemosphere, 1988, 17, 331-344.	8.2	8
132	EDTA, NTA, Alkylphenol Ethoxylate and DOC Attenuation during Soil Aquifer Treatment. Journal of Environmental Engineering, ASCE, 2006, 132, 674-682.	1.4	7
133	Palladium Catalysis for the Treatment of Contaminated Waters: A Review. , 2002, , 45-71.		5
134	From Effluent to New Water: Performance Evaluation and Quality Assurance. Chimia, 2003, 57, 561-566.	0.6	5
135	Controlled field studies on soil aquifer treatment in a constructed coastal sandfill. Water Science and Technology, 2009, 60, 1283-1293.	2.5	5
136	In-line gas chromatographic apparatus for measuring the hydrophobic micropore volume (HMV) and contaminant transformation in mineral micropores. Journal of Hazardous Materials, 2010, 179, 596-603.	12.4	5
137	Fate of Endocrine-Disrupting and Pharmaceutically Active Substances in Sand Columns Fed with Secondary Effluent. Journal of Environmental Engineering, ASCE, 2012, 138, 1067-1076.	1.4	5
138	QUANTIFICATION OF CONTAMINANT SORPTION-DESORPTION TIME SCALES FROM BATCH EXPERIMENTS. Environmental Toxicology and Chemistry, 2005, 24, 2160.	4.3	3
139	Response to Comment on – Indirect Photolysis of Perfluorochemicals: Hydroxyl Radical-Initiated Oxidation of <i>N</i> -Ethyl Perfluorooctane Sulfonamido Acetate (<i>N</i> -EtFOSAA) and Other Perfluoroalkanesulfonamides – Environmental Science & Technology, 2009, 43, 7997-7997.	10.0	3
140	Reaction products and rates of disappearance of simple bromoalkanes, 1,2-dibromopropane, and 1,2-dibromoethane in water. Reply to comments. Environmental Science & Technology, 1988, 22, 231-231.	10.0	2
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