

Danny D Reible

List of Publications by Year in descending order

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174
papers

3,713
citations

136740

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182168

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182
all docs

182
docs citations

182
times ranked

3181
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of bedform migration on nutrient fluxes at the sediment-water interface: a theoretical analysis. <i>Environmental Fluid Mechanics</i> , 2022, 22, 447-466.	0.7	4
2	Thermodynamic modeling of calcium carbonate scale precipitation: aqueous Na ⁺ -Ca ²⁺ -Cl ⁻ -HCO ₃ ⁻ -CO ₃ ²⁻ -CO ₂ system. <i>Fluid Phase Equilibria</i> , 2022, 552, 113263.	1.4	11
3	In Situ Passive Sampling to Monitor Long Term Cap Effectiveness at a Tidally Influenced Shoreline. <i>Toxics</i> , 2022, 10, 106.	1.6	2
4	Roles of Tidal Cycling, Hyporheic Exchange and Bioirrigation on Metal Release From Estuary Sediments. <i>Water Resources Research</i> , 2022, 58, .	1.7	5
5	The development of diffusive equilibrium, high-resolution passive samplers to measure perfluoroalkyl substances (PFAS) in groundwater. <i>Chemosphere</i> , 2022, 303, 134686.	4.2	6
6	Interlaboratory Study of Polyethylene and Polydimethylsiloxane Polymeric Samplers for <i>Ex Situ</i> Measurement of Freely-Dissolved Hydrophobic Organic Compounds in Sediment Porewater. <i>Environmental Toxicology and Chemistry</i> , 2022, , .	2.2	2
7	Seasonal trends of mercury bioaccumulation and assessment of toxic effects in Asian clams and microbial community from field study of estuarine sediment. <i>Environmental Research</i> , 2022, 212, 113439.	3.7	14
8	Analysis of fouling mechanism in ultrafiltration of produced water. <i>Journal of Water Process Engineering</i> , 2022, 49, 102978.	2.6	6
9	Application of polyoxymethylene passive air sampler to monitor hydrophobic organics in air around a confined disposal facility. <i>Chemosphere</i> , 2021, 263, 127827.	4.2	5
10	The effects of adsorptive materials on microbial community composition and PAH degradation at the sediment-water interface. <i>International Journal of Sediment Research</i> , 2021, 36, 555-565.	1.8	4
11	Powdered activated carbon (PAC) amendment enhances naphthalene biodegradation under strictly sulfate-reducing conditions. <i>Environmental Pollution</i> , 2021, 268, 115641.	3.7	10
12	Theoretical Analysis of Constant Voltage Mode Membrane Capacitive Deionization for Water Softening. <i>Membranes</i> , 2021, 11, 231.	1.4	6
13	Removal of Polycyclic Aromatic Hydrocarbons from Water Using Mn(III)-Based Advanced Oxidation Process. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, 04021002.	0.7	6
14	Frontiers of Membrane Desalination Processes for Brackish Water Treatment: A Review. <i>Membranes</i> , 2021, 11, 246.	1.4	38
15	Modeling Ion Transport in Electrodialysis of Concentrated Solutions. <i>Materials and Energy</i> , 2021, , 193-226.	2.5	0
16	Impacts of Sediment Particle Grain Size and Mercury Speciation on Mercury Bioavailability Potential. <i>Environmental Science & Technology</i> , 2021, 55, 12393-12402.	4.6	27
17	Developing reflective engineers through an arts-incorporated graduate course: A curriculum inquiry. <i>Thinking Skills and Creativity</i> , 2021, 42, 100909.	1.9	6
18	Phosphorus adsorption by sediment considering mineral composition and environmental factors. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17495-17505.	2.7	14

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19	Seasonal Toxicity Observed with Amphipods (<i>Eohaustorius estuarius</i>) at Paleta Creek, San Diego Bay, USA. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 229-239.	2.2	6
20	Bioavailability assessment in activated carbon treated coastal sediment with in situ and ex situ porewater measurements. <i>Water Research</i> , 2020, 185, 116259.	5.3	9
21	Harnessing a decade of data to inform future decisions: Insights into the ongoing hydrocarbon release at Taylor Energy's Mississippi Canyon Block 20 (MC20) site. <i>Marine Pollution Bulletin</i> , 2020, 155, 111056.	2.3	4
22	Exploring the Function of Ion-Exchange Membrane in Membrane Capacitive Deionization via a Fully Coupled Two-Dimensional Process Model. <i>Processes</i> , 2020, 8, 1312.	1.3	6
23	Evaluating the transport of Hg(II) in the presence of natural organic matter through a diffusive gradient in a thin-film passive sampler. <i>Science of the Total Environment</i> , 2020, 749, 141217.	3.9	8
24	Assessing Biota Accumulation Due to Contamination of Sediments by Storm Water Heavy Metals. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2475-2484.	2.2	5
25	Ex situ determination of freely dissolved concentrations of hydrophobic organic chemicals in sediments and soils: basis for interpreting toxicity and assessing bioavailability, risks and remediation necessity. <i>Nature Protocols</i> , 2020, 15, 1800-1828.	5.5	27
26	Development of polyoxymethylene passive sampler for assessing air concentrations of PCBs at a confined disposal facility (CDF). <i>Environmental Pollution</i> , 2020, 265, 114720.	3.7	6
27	Assessing sediment recontamination from metals in stormwater. <i>Science of the Total Environment</i> , 2020, 737, 139726.	3.9	10
28	Biological Natural Attenuation and Contaminant Oxidation in Sediment Caps: Recent Advances and Future Opportunities. <i>Current Pollution Reports</i> , 2020, 6, 281-294.	3.1	2
29	Modeling multicomponent ion transport to investigate selective ion removal in electrodialysis. <i>Environmental Science and Ecotechnology</i> , 2020, 1, 100007.	6.7	16
30	Immobilization of phosphorus in sediments by nano zero-valent iron (nZVI) from the view of mineral composition. <i>Science of the Total Environment</i> , 2019, 694, 133695.	3.9	36
31	Effects of Roughness Reynolds Number on Scalar Transfer Mechanisms at the Sedimentâ€Water Interface. <i>Water Resources Research</i> , 2019, 55, 6811-6824.	1.7	9
32	Role of Bioroughness, Bioirrigation, and Turbulence on Oxygen Dynamics at the Sedimentâ€Water Interface. <i>Water Resources Research</i> , 2019, 55, 8061-8075.	1.7	5
33	An analytical model for the fate and transport of performance reference compounds and target compounds around cylindrical passive samplers. <i>Chemosphere</i> , 2019, 232, 489-495.	4.2	11
34	Estimation of Interstitial Velocity Using a Direct Drive Highâ€Resolution Passive Profiler. <i>Ground Water</i> , 2019, 57, 915-924.	0.7	7
35	Combined Effects of Plant Cultivation and Sorbing Carbon Amendments on Freely Dissolved PAHs in Contaminated Soil. <i>Environmental Science & Technology</i> , 2019, 53, 4860-4868.	4.6	14
36	Modeling technologies for desalination of brackish water â€” toward a sustainable water supply. <i>Current Opinion in Chemical Engineering</i> , 2019, 26, 104-111.	3.8	21

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37	The effects of hydrogen bonding on the shear viscosity of liquid water. <i>International Journal of Sediment Research</i> , 2019, 34, 8-13.	1.8	13
38	Advancing the Use of Passive Sampling in Risk Assessment and Management of Sediments Contaminated with Hydrophobic Organic Chemicals: Results of an International Ex Situ Passive Sampling Interlaboratory Comparison. <i>Environmental Science & Technology</i> , 2018, 52, 3574-3582.	4.6	38
39	Food-energy-water nexus to mitigate sustainability challenges in a groundwater reliant agriculturally dominant environment (GRADE). <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 21-36.	1.3	10
40	Comprehensive thermodynamic modeling of saline water with electrolyte NRTL model: A study of aqueous Sr^{2+} - Na^{+} - Cl^{-} - SO_4^{2-} quaternary system. <i>Fluid Phase Equilibria</i> , 2018, 470, 221-231.	1.4	18
41	Effects of roughness and permeability on solute transfer at the sediment water interface. <i>Water Research</i> , 2018, 129, 39-50.	5.3	25
42	Fostering Reflective Engineers : Outcomes of an Arts- and Humanities-Infused Graduate Course. , 2018, , .		4
43	A review on sediment bioflocculation: Dynamics, influencing factors and modeling. <i>Science of the Total Environment</i> , 2018, 642, 1184-1200.	3.9	83
44	A software tool for simulating contaminant transport and remedial effectiveness in sediment environments. <i>Environmental Modelling and Software</i> , 2018, 109, 104-113.	1.9	15
45	Bioaccessibility of polycyclic aromatic hydrocarbons in activated carbon or biochar amended vegetated (<i>Salix viminalis</i>) soil. <i>Environmental Pollution</i> , 2017, 227, 406-413.	3.7	31
46	Comprehensive thermodynamic modeling of saline water with electrolyte NRTL model: A study on aqueous Ba^{2+} - Na^{+} - Cl^{-} - SO_4^{2-} quaternary system. <i>Fluid Phase Equilibria</i> , 2017, 447, 29-38.	1.4	19
47	Effect of surface heterogeneity on phosphorus adsorption onto mineral particles: experiments and modeling. <i>Journal of Soils and Sediments</i> , 2017, 17, 2887-2898.	1.5	24
48	Stochastic modeling of phosphorus transport in the Three Gorges Reservoir by incorporating variability associated with the phosphorus partition coefficient. <i>Science of the Total Environment</i> , 2017, 592, 649-661.	3.9	20
49	Environmental assessment of heavy metal transport and transformation in the Hangzhou Bay, China. <i>Journal of Hazardous Materials</i> , 2016, 302, 447-457.	6.5	91
50	Environmental Impacts of Hydraulic Fracturing. , 2016, , 199-219.		5
51	Significant spatial variability of bioavailable PAHs in water column and sediment porewater in the Gulf of Mexico 1 year after the Deepwater Horizon oil spill. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 646.	1.3	10
52	Modeling Compound Loss from Polydimethylsiloxane Passive Samplers. <i>Chromatography (Basel)</i> , 2015, 2, 611-624.	1.2	7
53	An analytical solution for one-dimensional advective-dispersive solute equation in multilayered finite porous media. <i>Transport in Porous Media</i> , 2015, 107, 657-666.	1.2	13
54	Electrochemical Stimulation of PAH Biodegradation in Sediment. <i>Soil and Sediment Contamination</i> , 2015, 24, 143-156.	1.1	8

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55	The use of chlorate, nitrate, and perchlorate to promote crude oil mineralization in salt marsh sediments. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15377-15385.	2.7	7
56	Positioning activated carbon amendment technologies in a novel framework for sediment management. <i>Integrated Environmental Assessment and Management</i> , 2015, 11, 221-234.	1.6	31
57	Electro-bioremediation of contaminated sediment by electrode enhanced capping. <i>Journal of Environmental Management</i> , 2015, 155, 154-161.	3.8	28
58	Mathematical model for interactions and transport of phosphorus and sediment in the Three Gorges Reservoir. <i>Water Research</i> , 2015, 85, 393-403.	5.3	113
59	Assessing Bioavailability of Hydrophobic Organic Compounds and Metals in Sediments Using Freely Available Porewater Concentrations. <i>SERDP and ESTCP Remediation Technology Monograph Series</i> , 2014, , 177-196.	0.3	3
60	Contaminated Sediment Research and Development Needs. <i>SERDP and ESTCP Remediation Technology Monograph Series</i> , 2014, , 415-430.	0.3	0
61	Sediment and Contaminant Processes. <i>SERDP and ESTCP Remediation Technology Monograph Series</i> , 2014, , 13-24.	0.3	0
62	Modeling the Effect of pH and Salinity on Biogeochemical Reactions and Metal Behavior in Sediment. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	7
63	Using in situ solid phase microextraction (SPME) for depth profiling in sediments treated with activated carbon. <i>Journal of Soils and Sediments</i> , 2014, 14, 1013-1020.	1.5	6
64	Regional Variation in Water-Related Impacts of Shale Gas Development and Implications for Emerging International Plays. <i>Environmental Science & Technology</i> , 2014, 48, 8298-8306.	4.6	111
65	Passive sampling methods for contaminated sediments: Practical guidance for selection, calibration, and implementation. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 210-223.	1.6	122
66	Remedy performance monitoring at contaminated sediment sites using profiling solid phase microextraction (SPME) polydimethylsiloxane (PDMS) fibers. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 445-452.	1.7	31
67	Passive sampling methods for contaminated sediments: State of the science for metals. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 179-196.	1.6	59
68	Capping for Remediation of Contaminated Sediments. <i>SERDP and ESTCP Remediation Technology Monograph Series</i> , 2014, , 325-363.	0.3	8
69	Cathodic Hydrogen as Electron Donor in Enhanced Reductive Dechlorination. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 1386-1390.	1.7	2
70	Sediment pore water distribution coefficients of PCB congeners in enriched black carbon sediment. <i>Environmental Pollution</i> , 2013, 182, 357-363.	3.7	20
71	Long-term PAH monitoring results from the Anacostia River active capping demonstration using polydimethylsiloxane (PDMS) fibers. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 554.	1.7	23
72	Suggested Reporting Parameters for Investigations of Wastewater from Unconventional Shale Gas Extraction. <i>Environmental Science & Technology</i> , 2013, 47, 13220-13221.	4.6	24

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73	Catalytic Sorption of (Chloro)Benzene and Naphthalene in Aqueous Solutions by Granular Activated Carbon Supported Bimetallic Iron and Palladium Nanoparticles. <i>ISRN Nanotechnology</i> , 2013, 2013, 1-8.	1.3	2
74	Modeling of Funnel and Gate Systems for Remediation of Contaminated Sediment. <i>Environmental Science and Engineering</i> , 2013, , 391-400.	0.1	1
75	Letter to the Editor Regarding, "Crossing Turbulent Boundaries: Interfacial Flux in Environment Flows" <i>Environmental Science & Technology</i> , 2012, 46, 1293-1294.	4.6	3
76	Effect of Applied Voltage, Initial Concentration, and Natural Organic Matter on Sequential Reduction/Oxidation of Nitrobenzene by Graphite Electrodes. <i>Environmental Science & Technology</i> , 2012, 46, 6174-6181.	4.6	71
77	Assessment of potential anaerobic biotransformation of organic pollutants in sediment caps. <i>New Biotechnology</i> , 2012, 30, 80-87.	2.4	10
78	Link between black carbon and resistant desorption of PAHs on soil and sediment. <i>Journal of Soils and Sediments</i> , 2012, 12, 713-723.	1.5	23
79	A sediment ecotoxicity assessment platform for in situ measures of chemistry, bioaccumulation and toxicity. Part 2: Integrated application to a shallow estuary. <i>Environmental Pollution</i> , 2012, 162, 457-465.	3.7	24
80	A sediment ecotoxicity assessment platform for in situ measures of chemistry, bioaccumulation and toxicity. Part 1: System description and proof of concept. <i>Environmental Pollution</i> , 2012, 162, 449-456.	3.7	24
81	PAH degradation and redox control in an electrode enhanced sediment cap. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1222-1228.	1.6	12
82	The Performance of Organophilic Clay on Nonaqueous Phase Liquid Contaminated Sediments Under Anisotropic Consolidation. , 2012, , 1-13.		2
83	Assessing the Effectiveness of Thin-Layer Sand Caps for Contaminated Sediment Management through Passive Sampling. <i>Environmental Science & Technology</i> , 2011, 45, 8437-8443.	4.6	48
84	Acid volatile sulfides oxidation and metals (Mn, Zn) release upon sediment resuspension: Laboratory experiment and model development. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 564-575.	2.2	26
85	Predicting bioavailability of PAHs and PCBs with porewater concentrations measured by solid-phase microextraction fibers. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1109-1116.	2.2	64
86	Comparison of polymeric samplers for accurately assessing PCBs in pore waters. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1288-1296.	2.2	61
87	Effects of cyclic changes in pH and salinity on metals release from sediments. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1775-1784.	2.2	49
88	Development of a Laboratory Procedure to Evaluate the Consolidation Potential of Soft Contaminated Sediments. <i>Geotechnical Testing Journal</i> , 2011, 34, 467-475.	0.5	6
89	Assessment feasibility of <i>in-situ</i> capping and contaminant mobility in NAPL-contaminated sediments. <i>International Journal of Geotechnical Engineering</i> , 2010, 4, 71-78.	1.1	3
90	Biogeochemical Changes and Mercury Methylation beneath an In-Situ Sediment Cap. <i>Environmental Science & Technology</i> , 2010, 44, 7280-7286.	4.6	26

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91	After the oil is no longer leaking.. .. Environmental Science & Technology, 2010, 44, 5685-5686.	4.6	5
92	Redox Control and Hydrogen Production in Sediment Caps Using Carbon Cloth Electrodes. Environmental Science & Technology, 2010, 44, 8209-8215.	4.6	25
93	A Model for Contaminant and Sediment Transport via Gas Ebullition Through a Sediment Cap. Environmental Engineering Science, 2009, 26, 1381-1391.	0.8	14
94	An Analytical Modeling Approach for Evaluation of Capping of Contaminated Sediments. Soil and Sediment Contamination, 2009, 18, 470-488.	1.1	33
95	Predicting contaminant fate and transport in sediment caps: Mathematical modelling approaches. Applied Geochemistry, 2009, 24, 1347-1353.	1.4	34
96	Evaluation of the physical stability, groundwater seepage control, and faunal changes associated with an AquaBlok® sediment cap. Remediation, 2008, 18, 63-70.	1.1	4
97	Containment Processes in Sediments. , 2008, , 959-981.		7
98	Sequestering Agents for Active Capsâ€™ Remediation of Metals and Organics. Soil and Sediment Contamination, 2008, 17, 516-532.	1.1	43
99	Evaluating the Effectiveness of Contaminated-Sediment Dredging. Environmental Science & Technology, 2008, 42, 5042-5047.	4.6	81
100	Steady-State Model of Chemical Migration in a Sediment Cap. , 2008, , 161-178.		1
101	Development and Placement of a Sorbent-Amended Thin Layer Sediment Cap in the Anacostia River. Soil and Sediment Contamination, 2007, 16, 313-322.	1.1	51
102	A Laboratory Study of Sediment and Contaminant Release during Gas Ebullition. Journal of the Air and Waste Management Association, 2007, 57, 1103-1111.	0.9	28
103	THE USE OF COARSE, SEPARABLE, CONDENSED-PHASE ORGANIC CARBON PARTICLES TO CHARACTERIZE DESORPTION RESISTANCE OF POLYCYCLIC AROMATIC HYDROCARBONS IN CONTAMINATED SEDIMENTS. Environmental Toxicology and Chemistry, 2007, 26, 1380.	2.2	5
104	Observations of mercury fate and transport beneath a sediment cap. Land Contamination and Reclamation, 2007, 15, 401-411.	0.4	6
105	Wetland Plant Uptake of Desorption-Resistant Organic Compounds from Sediments. Environmental Science & Technology, 2006, 40, 3229-3236.	4.6	21
106	Active capping demonstration in the Anacostia river, Washington, D.C.. Remediation, 2006, 17, 39-53.	1.1	49
107	BIOAVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS IN FIELD-CONTAMINATED ANACOSTIA RIVER (WASHINGTON, DC) SEDIMENT. Environmental Toxicology and Chemistry, 2006, 25, 2869.	2.2	31
108	MODELING BIPHASIC SORPTION AND DESORPTION OF HYDROPHOBIC ORGANIC CONTAMINANTS IN SEDIMENTS. Environmental Toxicology and Chemistry, 2006, 25, 3133.	2.2	17

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109	DESORPTION RESISTANCE OF POLYCYCLIC AROMATIC HYDROCARBONS AND DURATION OF EXPOSURE. Environmental Toxicology and Chemistry, 2006, 25, 2827.	2.2	20
110	Toxic and Contaminant Concerns Generated by Hurricane Katrina. Journal of Environmental Engineering, ASCE, 2006, 132, 565-566.	0.7	20
111	Predicting the Performance of Activated Carbon-, Coke-, and Soil-Amended Thin Layer Sediment Caps. Journal of Environmental Engineering, ASCE, 2006, 132, 787-794.	0.7	67
112	Sorbent-Amended "Active" Sediment Caps for in-Place Management of PCB-Contaminated Sediments. , 2006, , 379-391.		5
113	Treatment and Containment of Contaminated Sediments. , 2006, , 137-178.		3
114	Consistent unconfined contaminated disposal facilities dike tidal flow and transport model. Environmental Modelling and Software, 2005, 20, 1071-1079.	1.9	1
115	Assessing and Managing Contaminated Sediments: Part I, Developing an Effective Investigation and Risk Evaluation Strategy. Integrated Environmental Assessment and Management, 2005, 1, 2.	1.6	66
116	Assessing and Managing Contaminated Sediments: Part II, Evaluating Risk and Monitoring Sediment Remedy Effectiveness. Integrated Environmental Assessment and Management, 2005, 1, e1.	1.6	39
117	Laboratory Simulation of Chemical Evaporation from Dredge-Produced Sediment Slurries. Environmental Engineering Science, 2004, 21, 730-740.	0.8	2
118	BIOAVAILABILITY AND ASSIMILATION OF SEDIMENT-ASSOCIATED BENZO[a]PYRENE BY ILYODRILUS TEMPLETONI (OLIGOCHAETA). Environmental Toxicology and Chemistry, 2004, 23, 57.	2.2	25
119	Relative Importance of Ingested Sediment Versus Pore Water as Uptake Routes for PAHs to the Deposit-Feeding Oligochaete Ilyodrilus templetoni. Archives of Environmental Contamination and Toxicology, 2004, 47, 207-14.	2.1	45
120	An open letter to the membership of the AIChE environmental division. Environmental Progress, 2004, 23, 253-254.	0.8	0
121	Bioavailability of desorption-resistant phenanthrene to the oligochaete <i>Ilyodrilus templetoni</i> . Environmental Toxicology and Chemistry, 2003, 22, 153-160.	2.2	36
122	In-Situ Control of DNAPL Density Using Polyaphrons. Environmental Science & Technology, 2003, 37, 4487-4493.	4.6	16
123	Comparison of the Long-Term Risks of Removal and <i>In Situ</i> Management of Contaminated Sediments in the Fox River. Soil and Sediment Contamination, 2003, 12, 325-344.	1.1	32
124	The Role of Modeling in Managing Contaminated Sediments. , 2003, , .		0
125	Bioavailability of desorption-resistant phenanthrene to the oligochaete <i>Ilyodrilus templetoni</i> . Environmental Toxicology and Chemistry, 2003, 22, 153-60.	2.2	21
126	Effects of Oil and Grease on the Vaporization of Organic Compounds from Contaminated Sediments. Environmental Engineering Science, 2002, 19, 101-113.	0.8	2

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127	Multimedia Chemical Fate Model for Environmental Dredging. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2002, 6, 120-128.	0.4	14
128	A levy flight random walk model for bioturbation. Environmental Toxicology and Chemistry, 2002, 21, 875-881.	2.2	15
129	A LEVY FLIGHT RANDOM WALK MODEL FOR BIOTURBATION. Environmental Toxicology and Chemistry, 2002, 21, 875.	2.2	1
130	A Levy flight-random walk model for bioturbation. Environmental Toxicology and Chemistry, 2002, 21, 875-81.	2.2	13
131	Bioturbation-Driven Transport of Hydrophobic Organic Contaminants from Bed Sediment. Environmental Engineering Science, 2001, 18, 215-223.	0.8	37
132	Pyrene bioaccumulation, effects of pyrene exposure on particle size selection, and fecal pyrene content in the oligochaete <i>Limnodrilus hoffmeisteri</i> (Tubificidae, Oligochaeta). Environmental Toxicology and Chemistry, 2001, 20, 1359-1366.	2.2	32
133	Testing a multimedia compartmental model with monitoring data. Environmental Toxicology and Chemistry, 2001, 20, 2114-2121.	2.2	13
134	Volatile Emissions from Variable Moisture Content Sediments. Environmental Engineering Science, 2001, 18, 279-289.	0.8	6
135	The Efficiency of Capping to Control Air Emissions from Exposed Contaminated Sediments and Dredged Material. Environmental Engineering Science, 2000, 17, 97-106.	0.8	4
136	Sediment air equilibrium partitioning of semi-volatile hydrophobic organic compounds. Part 1. Method development and water vapor sorption isotherm. Science of the Total Environment, 2000, 253, 15-26.	3.9	8
137	Sediment air equilibrium partitioning of semi-volatile hydrophobic organic compounds Part 2. Saturated vapor pressures, and the effects of sediment moisture content and temperature on the partitioning of polyaromatic hydrocarbons. Science of the Total Environment, 2000, 253, 27-44.	3.9	6
138	Selenium in sediments, pore waters and benthic infauna of Lake Macquarie, New South Wales, Australia. Marine Environmental Research, 1999, 47, 491-508.	1.1	66
139	Air Emissions from Exposed Contaminated Sediments and Dredged Material. Environmental Science & Technology, 1999, 33, 142-149.	4.6	20
140	A Physical Model for the Simulation of Bioturbation and Its Comparison to Experiments with Oligochaetes. Estuaries and Coasts, 1998, 21, 255.	1.7	11
141	Simulation of soil washing with surfactants. Journal of Hazardous Materials, 1998, 59, 107-122.	6.5	37
142	Air emissions from exposed, contaminated sediments and dredged materials 1. Experimental data in laboratory microcosms and mathematical modelling. Journal of Hazardous Materials, 1997, 54, 65-87.	6.5	19
143	A quasi-steady-state pollutant flux methodology for determining sediment quality criteria. Environmental Toxicology and Chemistry, 1997, 16, 391-396.	2.2	25
144	A QUASI-STEADY-STATE POLLUTANT FLUX METHODOLOGY FOR DETERMINING SEDIMENT QUALITY CRITERIA. Environmental Toxicology and Chemistry, 1997, 16, 391.	2.2	2

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145	Contaminant fluxes from sediment due to tubificid oligochaete bioturbation. <i>Water Research</i> , 1996, 30, 704-714.	5.3	113
146	Numerical Modeling of the Effects of a Thermal Fence on Pollutant Dispersion in the Stable Atmospheric Boundary Layer. <i>Journal of Applied Meteorology and Climatology</i> , 1996, 35, 2121-2128.	1.7	0
147	Vacuum extraction of a nonaqueous phase residual in a heterogeneous vadose zone. <i>Journal of Hazardous Materials</i> , 1996, 49, 247-265.	6.5	16
148	Transport process of TNT from flooded highly contaminated surface soil bed. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1996, 31, 2515-2532.	0.1	4
149	Flow and transport modeling in the sea-breeze. Part I: A modified E ? ? model with a non-equilibrium level 2.5 closure. <i>Boundary-Layer Meteorology</i> , 1995, 75, 109-140.	1.2	10
150	Flow and transport modeling in the sea-breeze part II: Flow model application and pollutant transport. <i>Boundary-Layer Meteorology</i> , 1995, 75, 209-234.	1.2	10
151	Three-dimensional modeling of reaction injection molding. I. <i>Polymer Engineering and Science</i> , 1994, 34, 1393-1400.	1.5	10
152	Three-dimensional modeling of reaction injection molding. II: Application. <i>Polymer Engineering and Science</i> , 1994, 34, 1401-1405.	1.5	3
153	Loss of methyl bromide to the atmosphere during soil fumigation. <i>Journal of Hazardous Materials</i> , 1994, 37, 431-444.	6.5	12
154	Stochastic modeling of flow and transport in deep-well injection disposal systems. <i>Journal of Hazardous Materials</i> , 1993, 34, 313-333.	6.5	7
155	Efficiency of capping contaminated sediments in situ. 2. Mathematics of diffusion-adsorption in the capping layer. <i>Environmental Science & Technology</i> , 1993, 27, 2412-2419.	4.6	67
156	Transport of Dissolved Organic Carbon-Derived Natural Colloids from Bed Sediments to Overlying Water: Laboratory Simulations. <i>Water Science and Technology</i> , 1993, 28, 139-147.	1.2	34
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