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Sorption of hydrophobic pollutants on natural sediments

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2195	Containment of Landfill Leachate with Clay Liners. 1968 , 323-341		1
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2193	Toxicities of eight organochlorine compounds in sediment and seawater to Crangon septemspinosa. 1980 , 25, 921-8		38
2192	Use of linear free energy relationships and an evaluative model to assess the fate and transport of phthalate esters in the aquatic environment. <i>Chemosphere</i> , 1980 , 9, 393-402	8.4	45
2191	Phthalate ester hydrolysis: Linear free energy relationships. <i>Chemosphere</i> , 1980 , 9, 403-408	8.4	82
2190	Organophosphate and organophosphorothionate esters: Application of linear free energy relationships to estimate hydrolysis rate constants for use in environmental fate assessment. <i>Chemosphere</i> , 1980 , 9, 571-579	8.4	33
2189	Relationships between aqueous solubility and octanol-water partition coefficients. <i>Chemosphere</i> , 1980 , 9, 701-711	8.4	164
2188	Possible interactions of insoluble organic geopolymers (kerogen) with organic compounds in the aquatic environment□ Interaction with fatty acid methyl esters. 1980 , 12, 495-503		1
2187	The effect of concentration of adsorbing solids on the partition coefficient. <i>Water Research</i> , 1980 , 14, 1517-1523	12.5	323
2186	Adsorption and desorption of benzene in two soils and montmorillonite clay. <i>Environmental Science & Technology</i> , 1980 , 14, 457-60	10.3	62
2185	Relationship between water solubility of organic chemicals and their bioaccumulation by the alga. <i>Chemosphere</i> , 1981 , 10, 1307-1313	8.4	43
2184	Biosorption of hydrophobic organic pollutants by mixed microbial populations. <i>Chemosphere</i> , 1981 , 10, 27-32	8.4	32
2183	Estimation of octanol/water partition coefficients for organic pollutants using reverse-phase HPLC. <i>Chemosphere</i> , 1981 , 10, 73-83	8.4	82
2182	Principles of organic contaminant behavior during artificial recharge. <i>Science of the Total Environment</i> , 1981 , 21, 161-172	10.2	8
2181	Semi-empirical estimation of sorption of hydrophobic pollutants on natural sediments and soils. <i>Chemosphere</i> , 1981 , 10, 833-846	8.4	931
2180	Eintrag Und Abspaltung Von 3.4-Benzpyren Durch Regenwasser In Einem Städtischen Einzugsgebiet. 1981 , 8, 171-189		2
2179	Eintrag und abspaltung von 3.4-Benzpyren durch Regenwasser in einem städtischen Einzugsgebiet. 1981 , 8, 171-189		

2178	Principles of Organic Contaminant Behavior During Artificial Recharge. 1981 , 17, 439-450		1
2177	Transport of polycyclic aromatic hydrocarbons through a partly urbanized river basin. <i>Water, Air, and Soil Pollution</i> , 1981 , 16, 445-467	2.6	38
2176	Sorption of carbon tetrachloride, ethylene dibromide, and trichloroethylene on soil and clay. 1981 , 1, 155-62		15
2175	The persistence and disappearance by washoff and dryfall of methoxychlor from soybean foliage--a preliminary study. 1981 , 16, 777-94		7
2174	A gel partition model for organic desorption from a pond sediment. 1981 , 214, 790-2		79
2173	Microbial bioconcentration of organic pollutants from aquatic systems -- a critical review. 1981 , 8, 205-28		85
2172	Some Aspects of the Measurement of Polycyclic Aromatic Hydrocarbons in Aqueous Solution. 1982 , 13, 29-36		1
2171	Environmental significance of pesticide residues associated with aquatic sediments. 1982 , 17, 409-37		1
2170	Role of natural colloids in the transport of hydrophobic pollutants. 1982 , 215, 968-70		169
2169	Reversible and Resistant Components of PCB Adsorption-Desorption: Adsorbent Concentration Effects. 1982 , 8, 336-349		34
2168	Aquatic distribution and heterotrophic degradation of Polycyclic Aromatic Hydrocarbons (PAH) in the Tamar Estuary. 1982 , 14, 369-389		110
2167	Polychlorinated biphenyls (PCB) desorbed from clay particles inhibit photosynthesis by natural phytoplankton communities. 1982 , 28, 177-182		10
2166	Effects of dissolved organic matter on adsorption of hydrophobic organic compounds by river- and sewage-borne particles. <i>Water Research</i> , 1982 , 16, 681-686	12.5	72
2165	Steps towards environmental hazard assessment of new chemicals (including a hazard ranking scheme, based upon directive 79/831/EEC). <i>Chemosphere</i> , 1982 , 11, 383-415	8.4	35
2164	A comparison of water solubilities by the flask and micro-column methods. <i>Chemosphere</i> , 1982 , 11, 991-1001		17
2163	Prediction of ecotoxicological behaviour of chemicals: Relationship between physico-chemical properties and bioaccumulation of organic chemicals in the mussel <i>Mytilus edulis</i> . <i>Chemosphere</i> , 1982 , 11, 1121-1134	8.4	134
2162	Movement of organic contaminants in groundwater: implications for water supply. 1982 , 74, 408-413		31
2161	The fate of atrazine and a hexachlorobiphenyl isomer in naturally-derived model stream ecosystems. 1982 , 1, 179-192		19

2160	Organizing data for environmental studies. 1982 , 1, 259-266		13
2159	Association studies of polybrominated biphenyls in aquatic systems. 1982 , 29, 58-63		1
2158	Relationship between molecular connectivity indices and soil sorption coefficients of polycyclic aromatic hydrocarbons. 1982 , 28, 162-5		46
2157	Behaviour of polycyclic aromatic hydrocarbons in the exe estuary, devon. 1982 , 15, 362-390		14
2156	Approximating Pollutant Transport to Ground Watera. 1982 , 20, 711-722		100
2155	Error analysis of predicted fate of anthracene in a simulated pond. 1983 , 2, 19-28		14
2154	Use of microcosms to study transport, transformation and fate of organics in aquatic systems. 1983 , 2, 155-167		19
2153	Role of particulate organic matter in decreasing accumulation of polynuclear aromatic hydrocarbons by <i>Daphnia magna</i> . 1983 , 12, 559-68		84
2152	Polychlorobiphenyl flux in planktonic model ecosystems. 1983 , 12, 203-210		5
2151	Compartmental Distribution of Organochlorine Contaminants in the Niagara River and the Western Basin of Lake Ontario. 1983 , 9, 287-294		27
2150	Estimation of environmental partitioning of organic chemicals in model ecosystems. 1983 , 231-244		17
2149	Predicting the bioaccumulation of organic compounds in marine organisms using octanol/water partition coefficients. <i>Marine Pollution Bulletin</i> , 1983 , 14, 387-392	6.7	65
2148	Sorption of polychlorinated biphenyls (PCB) to clay particulates and effects of desorption on phytoplankton. <i>Water Research</i> , 1983 , 17, 383-387	12.5	17
2147	The extent of reversibility of polychlorinated biphenyl adsorption. <i>Water Research</i> , 1983 , 17, 851-859	12.5	56
2146	Sorption of hydrophobic compounds by sediments, soils and suspended solidsI. Theory and background. <i>Water Research</i> , 1983 , 17, 1433-1441	12.5	180
2145	Sorption of hydrophobic compounds by sediments, soils and suspended solidsII. Sorbent evaluation studies. <i>Water Research</i> , 1983 , 17, 1443-1452	12.5	92
2144	TCDD in bottom sediments and eel around a refuse dump near Amsterdam, Holland. <i>Chemosphere</i> , 1983 , 12, 503-509	8.4	6
2143	Organic contaminants in the aquatic environment II. Behaviour and fate in the hydrological cycle. <i>Science of the Total Environment</i> , 1983 , 26, 255-312	10.2	29

2142	Conservative behaviour of riverine dissolved organic carbon in the Severn Estuary: chemical and geochemical implications. 1983 , 47, 1293-1309	304
2141	Ground water: A review. 1983 , 21, 760	5
2140	Relationship between molar refraction and n-octanol/water partition coefficient. 1983 , 7, 558-65	19
2139	Humic substances. Part III. sorptive interactions with environmental chemicals—For Part II, see G. G. Choudhry, Toxicol. Environ. Chem. 4, 261 (1981).. 1983 , 6, 127-171	10
2138	Suspended Load and Solubility Affect Sedimentation of Petroleum Hydrocarbons in Controlled Estuarine Ecosystems. 1983 , 40, s54-s62	13
2137	Determination of octanol-water partitioning coefficients (KOW) of 61 organophosphorus and carbamate insecticides and their relationship to respective water solubility (S) values. 1983 , 18, 667-683	65
2136	Fate of polynuclear aromatic compounds (PNAs) in soil-plant systems. 1983 , 1-68	166
2135	Desorption Kinetics in Modeling of Toxic Chemicals. 1983 , 109, 859-867	10
2134	Ground-Water Transport from Wastewater Infiltration. 1983 , 109, 485-501	8
2133	Partition Models for Equilibrium Distribution of Chemicals in Environmental Compartments. 1983 , 105-123	8
2132	Secondary utilization of trace organics by biofilms on porous media. 1983 , 75, 463-469	26
2131	Sorption of organic substances by soils and sediments. 1984 , 19, 297-312	29
2130	Variations of phthalate ester concentrations in sediments from the Chester River, Maryland. 1984 , 18, 237-52	1
2129	Advances in Microbial Ecology. 1984 ,	1
2128	The effects of temperature and salinity on the aqueous solubility of polynuclear aromatic hydrocarbons. 1984 , 14, 319-332	140
2127	A column technique for determining sorption of organic solutes on the lithological structure of aquifers. 1984 , 32, 37-44	7
2126	Octanol-water partition coefficient of benzo(a)pyrene: measurement, calculation, and environmental implications. 1984 , 32, 316-23	9
2125	Mobilization of azaarenes from wastewater treatment plant biosludge. 1984 , 32, 445-52	10

2124	Influence of sediment types on the sorption of endoathall. 1984 , 32, 557-64		14
2123	Evaluation of elutriate test parameters for an organic hydrophobic pollutant, Kepone. 1984 , 8, 63-69		
2122	Partitioning of naphthalene, methylnaphthalenes and biphenyl between wastewater treatment sludges and water. 1984 , 3, 575-582		2
2121	The physico-chemical speciation of polycyclic aromatic hydrocarbons (PAH) in aquatic systems. 1984 , 319, 126		134
2120	Behaviour of some PAH, PCB and organochlorine pesticides in an estuary, a comparison Exe, Devon. 1984 , 319, 152-159		9
2119	Interactions of halogenated hydrocarbons with soils. 1984 , 319, 160-164		12
2118	Ground-Water Quality at a Creosote Waste Site. 1984 , 22, 318-329		48
2117	Modeling Organic Contaminant Partitioning in Ground-Water Systems. 1984 , 22, 584-592		35
2116	New perspectives in ecotoxicology. 1984 , 8, 375-442		86
2115	Adsorption, decomposition and movement of oxamyl in soil. 1984 , 15, 9-17		37
2114	Annual rates of deposition of polycyclic aromatic hydrocarbons in different forest ecosystems. <i>Water, Air, and Soil Pollution</i> , 1984 , 21, 425-434	2.6	90
2113	Organic Pollutant Sorption in Aquatic Systems. 1984 , 110, 707-735		584
2112	A preliminary model of the dispersal and biological effect of toxins in the tamar estuary, England. 1984 , 22, 253-284		39
2111	Modelling concepts for hydrophobic organic pollutants in lakes. 1984 , 22, 171-212		15
2110	Sediment Trap Studies in Lake Michigan: Resuspension and Chemical Fluxes in the Southern Basin. 1984 , 10, 307-321		149
2109	The Fates Of Aromatics Model (FOAM): Description, application, and analysis. 1984 , 22, 109-121		14
2108	Sorption of Polycyclic aromatic hydrocarbons by natural estuarine colloids. 1984 , 11, 77-89		46
2107	Benthic-pelagic coupling in sewage-affected marine ecosystems. 1984 , 13, 195-230		17

2106	Sorption of selected organic pollutants in Danish soils. 1984 , 8, 395-409		13
2105	Aromatic Hydrocarbons Monocyclics. 1984 , 43-66		1
2104	Polychlorinated Dibenzo-p-Dioxins (PCDD). 1984 , 192-212		
2103	The prediction of bioconcentration in fish. <i>Water Research</i> , 1984 , 18, 1253-1262	12.5	121
2102	Fate of trace organics during rapid infiltration of primary wastewater at Fort Devens, Massachusetts. <i>Water Research</i> , 1984 , 18, 1025-1036	12.5	11
2101	An assessment of the significant physicochemical interactions involved in pesticide diffusion within a pesticide-sediment-water system. <i>Chemosphere</i> , 1984 , 13, 1295-1317	8.4	
2100	Quantitative structure-activity relationships for polycyclic aromatic hydrocarbons: Correlation between molecular connectivity, physico-chemical properties, bioconcentration and toxicity in <i>Daphnia pulex</i> . <i>Chemosphere</i> , 1984 , 13, 227-236	8.4	45
2099	Prediction of ecotoxicological behaviour of chemicals: Relationship between n-octanol/water partition coefficient and bioaccumulation of organic chemicals by alga. <i>Chemosphere</i> , 1984 , 13, 269-284	8.4	120
2098	Adsorption of surfactants on sediments. <i>Chemosphere</i> , 1984 , 13, 293-300	8.4	66
2097	Bioconcentration potential of polydimethylsiloxane (PDMS) fluids by fish. <i>Science of the Total Environment</i> , 1984 , 38, 167-72	10.2	13
2096	Transport Processes of Naphthalene in the Aquatic Environment. 1984 , 119-131		
2095	Numerical technique for estimating equilibrium concentrations from initial concentrations when using the freundlich adsorption equation. 1984 , 19, 313-321		
2094	The 1-Octanol/Water Partition Coefficient of Mercury. 1985 , 58, 3401-3402		12
2093	Evaluation of molecular connectivity as a predictive method for the adsorption of pesticides by soils. 1985 , 22, 55-69		17
2092	Migration and Attenuation of Selected Organics in a Sandy Aquifer [A Natural Gradient Experiment. 1985 , 23, 10-16		22
2091	Transport of Organic Compounds Dissolved in Ground Water. 1985 , 5, 28-36		5
2090	Sorption dynamics of hydrophobic pollutants in sediment suspensions. 1985 , 4, 469-479		266
2089	Reduction in bioavailability to bluegills of polycyclic aromatic hydrocarbons bound to dissolved humic material. 1985 , 4, 511-521		150

2088	Mobility of organic solvents in water-saturated soil materials. 1985 , 7, 241-247		39
2087	Health Aspects of Groundwater Recharge. 1985 , 329-356		2
2086	Health Effects of Indirect Potable Water Reuse. 1985 , 77, 88-96		17
2085	Polycyclic aromatic hydrocarbons in surface sediments held in experimental mesocosms. 1985 , 10, 183-200		9
2084	PCBs in Lake Superior, 1978-1980. 1985 , 11, 447-461		31
2083	Sediments and water quality. 1985 , 6, 315-326		59
2082	Chronic toxicity of di-n-butyl and di-n-octyl phthalate to <i>Daphnia magna</i> and the fathead minnow. 1985 , 4, 167-179		31
2081	Fluxes and residence times of hydrocarbons in the coastal Mediterranean: How important are the biota?. 1985 , 20, 313-330		49
2080	Toxic organics removal kinetics in overland flow land treatment. <i>Water Research</i> , 1985 , 19, 707-718	12.5	5
2079	Release of endothall from aquathol granular aquatic herbicide. <i>Water Research</i> , 1985 , 19, 805-808	12.5	3
2078	A particle interaction model of reversible organic chemical sorption. <i>Chemosphere</i> , 1985 , 14, 1503-1538	8.4	127
2077	Evaluation of reverse phase liquid chromatography/mass spectrometry for estimation of n-octanol/water partition coefficients for organic chemicals. <i>Chemosphere</i> , 1985 , 14, 1551-1560	8.4	27
2076	Partitioning studies of coal-tar constituents in a two-phase contaminated ground-water system. <i>Chemosphere</i> , 1985 , 14, 1023-1036	8.4	32
2075	Sorption of organic contaminants to a low carbon subsurface core. <i>Chemosphere</i> , 1985 , 14, 1057-1067	8.4	38
2074	Desorption of chlorinated hydrocarbons from spiked and anthropogenically contaminated sediments. <i>Chemosphere</i> , 1985 , 14, 1087-1106	8.4	69
2073	The effect of hydrocarbon mixtures on adsorption of substituted naphthalenes by clay and sediment from water. <i>Chemosphere</i> , 1985 , 14, 103-111	8.4	17
2072	Prediction of partition coefficients of unsubstituted polycyclic aromatic hydrocarbons from C18 chromatographic and structural properties. <i>Chemosphere</i> , 1985 , 14, 279-291	8.4	12
2071	Chlorinated hydrocarbons in plant foliage: An indication of the tropospheric contamination level. <i>Chemosphere</i> , 1985 , 14, 1673-1686	8.4	70

2070	Partitioning behavior of polychlorinated biphenyls. <i>Chemosphere</i> , 1985 , 14, 1703-1716	8.4	20
2069	Relationship between bioconcentration in fish and steric factors of hydrophobic chemicals. <i>Chemosphere</i> , 1985 , 14, 1871-1896	8.4	267
2068	TCDD and chlorinated dibenzofurans in top soil and biological samples from a contaminated refuse dump. <i>Chemosphere</i> , 1985 , 14, 919-924	8.4	14
2067	Adsorption and desorption of polydimethylsiloxane, PCBs, cadmium nitrate, copper sulfate, nickel sulfate and zinc nitrate by river surface sediments. <i>Science of the Total Environment</i> , 1985 , 41, 153-61	10.2	13
2066	Compartmentalization and persistence of endoathall in experimental pools. 1985 , 10, 86-96		7
2065	Movement and fate of detergents in groundwater: a field study. 1986 , 1, 143-161		47
2064	Urban Runoff Pollution. 1986 ,		1
2063	The Effect of Organic Carbon on the Adsorption of Fluorene by Aquifer Materials. 1986 , 3, 429-440		5
2062	Elaboration of a practical method for priority selections and risk assessment among existing chemicals. 1986 , 6, 129-54		13
2061	A Case Study of a Chemical Spill: Polychlorinated Biphenyls (PCBs): 3. PCB Sorption and Retardation in Soil Underlying the Site. 1986 , 22, 1051-1057		8
2060	Particle transport through porous media. 1986 , 22, 1901-1921		600
2059	A natural gradient experiment on solute transport in a sand aquifer: 1. Approach and overview of plume movement. 1986 , 22, 2017-2029		469
2058	A natural gradient experiment on solute transport in a sand aquifer: 3. Retardation estimates and mass balances for organic solutes. 1986 , 22, 2047-2058		240
2057	A natural gradient experiment on solute transport in a sand aquifer: 4. Sorption of organic solutes and its influence on mobility. 1986 , 22, 2059-2067		142
2056	Organochlorine residues in River Po sediment: testing the equilibrium condition with fish. 1986 , 12, 120-6		7
2055	Octanol:water partition coefficients (P): measurement, estimation, and interpretation, particularly for chemicals with P greater than 10(5). 1986 , 11, 251-60		110
2054	Biogeochemistry of PCBs in interstitial waters of a coastal marine sediment. 1986 , 50, 157-169		117
2053	Contaminants in sediments of two nearshore basin slopes off southern California. <i>Marine Pollution Bulletin</i> , 1986 , 17, 404-409	6.7	5

2052	A pilot plant study on water quality changes during groundwater recharge. <i>Water Research</i> , 1986 , 20, 1119-1127	12.5	4
2051	Removal of trace-level organics by slow-rate land treatment. <i>Water Research</i> , 1986 , 20, 1417-1426	12.5	8
2050	Determination of partition coefficients and aqueous solubilities by reverse phase chromatography. <i>Water Research</i> , 1986 , 20, 1433-1442	12.5	18
2049	Ultrafiltration cell for sorption and biodegradation experiments. <i>Water Research</i> , 1986 , 20, 935-937	12.5	2
2048	The sorption of PAH onto dissolved organic matter in Lake Michigan waters. <i>Chemosphere</i> , 1986 , 15, 403-412	8.4	71
2047	Chemodynamic properties of phthalate esters: Partitioning and soil migration. <i>Chemosphere</i> , 1986 , 15, 1003-1021	8.4	29
2046	N-octanol/water partition coefficients by reverse phase liquid chromatography/mass spectrometry for eight tetrachlorinated planar molecules. <i>Chemosphere</i> , 1986 , 15, 163-167	8.4	44
2045	Measurement of mobility of organic compounds in soils. <i>Science of the Total Environment</i> , 1986 , 50, 87-100.	10.2	35
2044	Characterization of the Sorption of Toxic and Hazardous Organic Substances to Groundwater Aquifer Solids. 1986 , 663-676		2
2043	Fate of Aldicarb in Wisconsin Ground Water. 1986 , 219-255		7
2042	Polychlorinated Biphenyls and Hydrocarbons. 1986 , 198-214		7
2041	Uptake and depuration of organic contaminants by blue mussels (<i>Mytilus edulis</i>) exposed to environmentally contaminated sediment. 1986 , 91, 497-507		138
2040	A review of the correlation between physicochemical properties and bioaccumulation. 1986 , 17, 265-276		37
2039	Polychlorobiphenyls (PCBs) in sediments of Tokyo Bay, Japan. 1986 , 15, 69-76		12
2038	Effects of suspended solids on the bioavailability of chlordane to <i>Daphnia magna</i> . 1986 , 15, 529-534		10
2037	EFFECTS OF SUSPENDED SOLIDS ON THE ACUTE TOXICITY OF ZINC TO <i>DAPHNIA MAGNA</i> AND <i>PIMEPHALES PROMELAS</i> . 1986 , 22, 913-920		2
2036	Suitability of Polyvinyl Chloride Well Casings for Monitoring Munitions in Ground Water. 1986 , 6, 92-98		4
2035	Desorption kinetics for selected PCB congeners from river sediments. 1986 , 1, 191-210		111

2034	Solvophobic approach for predicting sorption of hydrophobic organic chemicals on synthetic sorbents and soils. 1986 , 1, 227-241	18
2033	Sorption of hydrophobic organic pollutants in saturated soil systems. 1986 , 1, 243-261	89
2032	The role of small, low density particles on the partition of selected PCB congeners between water and suspended matter (North Sea area). 1986 , 20, 229-238	54
2031	Atmospheric deposition of toxaphene to eastern north America derived from peat accumulation. 1986 , 20, 2367-2379	42
2030	Possible sediment scavenging of chlordane and contamination of the aquatic biota in Belmont Lake, New York. 1986 , 36, 159-67	2
2029	PCB removal by conventional water treatment: effect of chemical coagulation and chlorination. 1986 , 36, 929-34	4
2028	Chloroform sorption to New Jersey coastal plain ground water aquifer solids. 1986 , 5, 339-343	8
2027	Assessment of the safety of dioctyl adipate in freshwater environments. 1986 , 5, 777-784	15
2026	Sorption of low-polarity organic compounds on oxide minerals and aquifer material. 1986 , 5, 949-955	11
2025	Hydrocarbons and aromatic hydrocarbons in groundwater surrounding an earthen waste disposal pit for produced water in the Duncan oil field of New Mexico. 1986 , 24, 143-62	6
2024	Mobility of Organics in Land Treatment Systems. 1986 , 112, 236-245	12
2023	Equilibrium Batch Experiments with Six Polycyclic Aromatic Hydrocarbons and Two Aquifer Materials. 1986 , 3, 125-137	33
2022	Behavior of Organic Pollutants During Rapid-Infiltration of Wastewater Into Soil: II. Mathematical Description of Transport and Transformation. 1986 , 3, 57-76	8
2021	Effect of Organic Solvent on Sorption of Aromatic Solutes onto Soils. 1986 , 112, 346-366	58
2020	Fate and persistence of aquatic herbicides. 1987 , 98, 61-98	8
2019	Equilibrium Sorption of Tributyltin Chloride by Chesapeake Bay Sediments. 1987 ,	6
2018	Sorption equilibria of benzene and toluene on two new jersey coastal plain ground water aquifer solids. 1987 , 22, 743-758	2
2017	Sorption of Hydrophobic Organic Compounds by Sediments. 1987 , 191-216	13

2016	Modeling Volatile Organics in the Delaware Estuary. 1987 , 113, 703-721		13
2015	The Role of Particulate Matter in the Movement of Contaminants in the Great Lakes. 1987 , 319-364		48
2014	Water Quality Significance of Contaminants Associated with Sediments: An Overview. 1987 , 3-34		5
2013	Factors to Consider in Conducting Laboratory Sorption/Desorption Tests. 1987 , 99-108		1
2012	Predicting Bioaccumulation: Development of a Simple Partitioning Model for Use as a Screening Tool for Regulating Ocean Disposal of Wastes. 1987 , 151-166		15
2011	Sorption and Mineralization of Plant Phenolic Acids in Soil. 1987 , 358-370		15
2010	The Chemical Limnology of Nonpolar Organic Contaminants: Polychlorinated Biphenyls in Lake Superior. 1987 , 393-469		30
2009	Cycles of Nutrient Elements, Hydrophobic Organic Compounds, and Metals in Crystal Lake. 1987 , 491-518		6
2008	Hydrophobic Organic Compounds on Sediments: Equilibria and Kinetics of Sorption. 1987 , 263-317		11
2007	Factors affecting pore water hydrocarbon concentrations in Puget Sound sediments. 1987 , 51, 1273-1284		49
2006	Bioavailability of polychlorinated dibenzo-p-dioxins and dibenzofurans from contaminated Wisconsin River sediment to carp. <i>Chemosphere</i> , 1987 , 16, 667-679	8.4	71
2005	Sorption of hydrophobic chemicals from water: A hypothesis for the mechanism of the particle concentration effect. <i>Chemosphere</i> , 1987 , 16, 745-757	8.4	46
2004	An approach for the prediction of environmental distribution and fate of cypermethin. <i>Chemosphere</i> , 1987 , 16, 1373-1380	8.4	10
2003	Sediment-water partition coefficients and HPLC retention factors of aromatic hydrocarbons. <i>Chemosphere</i> , 1987 , 16, 109-116	8.4	51
2002	A simple procedure for determining octanol-water partition coefficients using reverse phase high performance liquid chromatography (RPHPLC). <i>Chemosphere</i> , 1987 , 16, 133-142	8.4	27
2001	Creosote compounds in snails obtained from Pensacola Bay, Florida, near an onshore hazardous-waste site. <i>Chemosphere</i> , 1987 , 16, 2397-2404	8.4	7
2000	A record of polycyclic aromatic hydrocarbon (PAH) pollution obtained from accreting sediments of the Tamar Estuary, U.K.: evidence for non-equilibrium behaviour of PAH. <i>Science of the Total Environment</i> , 1987 , 66, 73-94	10.2	154
1999	Macromolecules facilitate the transport of trace organics. <i>Science of the Total Environment</i> , 1987 , 67, 159-164	10.2	28

1998	Selected chemical contaminants in surface sediments of Commencement Bay and the Tacoma Waterways, Washington, USA. 1987 , 22, 271-295		10
1997	Factors affecting the adsorption of 2,4-D and methyl parathion in soils and sediments. 1987 , 18, 231-241		38
1996	Modelling of Toxic Contaminants in the Niagara River Plume in Lake Ontario. 1987 , 13, 250-263		6
1995	Distribution and Characterization of PCBs in Lake Michigan Water. 1987 , 13, 24-36		65
1994	Role of suspended sediments on the distribution of PCB in the Seine Estuary (France). 1987 , 7, 1345-1350		29
1993	Adsorption of Selective Grass Herbicides by Soils and Sediments. 1987 , 35, 282-288		8
1992	BIODEGRADATION OF HYDROCARBONS IN FRESHWATER. 1987 , 217-230		9
1991	Limiting partial molar volumes at 298.15 K of some open chain and cyclic organic compounds in 1-octanol. 1987 , 32, 195-203		15
1990	The behavior of hydrophobic, organic micropollutants in different Karst water systems. <i>Water, Air, and Soil Pollution</i> , 1987 , 34, 97-109	2.6	10
1989	Elution of p-Dichlorobenzene through compacted soil with alcohol-water mixtures. 1987 , 8, 77-92		1
1988	Sediment-associated contaminants □ An overview of scientific bases for developing remedial options. 1987 , 149, 221-246		60
1987	Scale effects in fluvial sediment-associated chemical data. 1987 , 1, 171-179		13
1986	Sorption and enhanced biodegradation of trace organics in a groundwater reclamation scheme □ Gloucester site, Ottawa, Canada. 1987 , 1, 349-373		16
1985	A screening method for preliminary assessment of risk to groundwater from land-applied chemicals. 1987 , 1, 395-406		6
1984	Occurrence and biological activity testing of particulates in drinking water. 1987 , 38, 1-8		4
1983	Persistence and movement of atrazine in a salt marsh sediment microecosystem. 1987 , 39, 516-23		7
1982	Distribution Coefficient of Trichloroethylene in Soil-Water Systems. 1987 , 25, 275-282		24
1981	IN SITU MEASUREMENT OF ADSORPTION AND BIOTRANSFORMATION AT A HAZARDOUS WASTE SITE1. 1987 , 23, 629-636		14

1980	Influence of methanol and hexane on soil adsorption of atrazine. <i>Water, Air, and Soil Pollution</i> , 1988 , 39, 101-112	2.6	14
1979	The role of hydrophobicity in the Ames test. The correlation of the mutagenicity of nitropolycyclic hydrocarbons with partition coefficients and molecular orbital indices. 1988 , 34, 91-101		21
1978	Macromolecular Transport of Hydrophobic Contaminants in Aqueous Environments.. 1988 , 26, 64-70		101
1977	Simulation of Vapor Transport Through the Unsaturated Zone [Interpretation of Soil-Gas Surveys. 1988 , 8, 115-123		15
1976	Equilibrium adsorption of chemical vapors on surface soils, landfills and landfarms [A review. 1988 , 19, 79-99		38
1975	Partition equilibria of phenols between water and anionic micelles. 1988 , 212, 171-180		27
1974	Influence of sorbent concentration on sorption of kepone to solids. 1988 , 7, 139-142		5
1973	Simple, specific analysis of organophosphorus and carbamate pesticides in sediments using column extraction and gas chromatography. 1988 , 7, 749-752		13
1972	Nonequilibrium sorption of organic contaminants during flow through columns of aquifer materials. 1988 , 7, 779-793		120
1971	Comparison of procedures for recovering chloroguaiacols and chlorocatechols from contaminated sediments. 1988 , 7, 795-805		25
1970	Aliphatic and polycyclic aromatic hydrocarbons in urban rain, snow and fog. 1988 , 22, 695-705		75
1969	Bioavailability and Toxicity of Metals and Hydrophobic Organic Contaminants. 1988 , 263-277		10
1968	Binding of Nonpolar Pollutants to Dissolved Organic Carbon. 1988 , 117-130		5
1967	Sorption of Chlorinated Hydrocarbons in the Water Column by Dissolved and Particulate Organic Material. 1988 , 159-171		1
1966	Sorption of Organochlorines by Lake Sediment Porewater Colloids. 1988 , 185-207		5
1965	Contaminant hydrogeology [Dollars and sense. 1988 , 100, 453-470		1
1964	Unsubstituted polynuclear aromatic hydrocarbons in sediments, clams, and clam worms from Chesapeake Bay. <i>Marine Pollution Bulletin</i> , 1988 , 19, 459-465	6.7	54
1963	Nonaqueous phase liquid transport and cleanup: 1. Analysis of mechanisms. 1988 , 24, 1247-1258		272

1962	Numerical modeling of sorption kinetics of organic compounds to soil and sediment particles. 1988 , 24, 1373-1383		93
1961	Estimating soil/sediment partition coefficients for organic compounds by high performance reverse phase liquid chromatography. <i>Water Research</i> , 1988 , 22, 873-881	12.5	21
1960	Modeling the sorption of hydrophobic contaminants by aquifer materials— Rates and equilibria. <i>Water Research</i> , 1988 , 22, 457-464	12.5	70
1959	The estimation of the adsorption coefficient (K_{oc}) for soils by high performance liquid chromatography. <i>Chemosphere</i> , 1988 , 17, 67-77	8.4	60
1958	A review of the nature and properties of chemicals present in pulp mill effluents. <i>Chemosphere</i> , 1988 , 17, 1249-1290	8.4	198
1957	The binding of three PCB congeners to dissolved organic carbon in freshwaters. <i>Chemosphere</i> , 1988 , 17, 2325-2338	8.4	34
1956	Sorption of chlorophenols in the soil. <i>Chemosphere</i> , 1988 , 17, 205-216	8.4	62
1955	Estimation of octanol/water partition coefficients: Evaluation of six methods for highly hydrophobic aromatic hydrocarbons. <i>Chemosphere</i> , 1988 , 17, 345-359	8.4	42
1954	Updating of the OECD Test Guideline 107 [partition coefficient N-octanol/water]—OECD Laboratory Intercomparison Test on the HPLC method. <i>Chemosphere</i> , 1988 , 17, 361-386	8.4	76
1953	Water-Solubility Enhancement of Nonionic Organic Contaminants. 1988 , 131-157		10
1952	Sorption and desorption dynamics of aroclor 1242 to natural sediment. 1988 , 2, 249-269		34
1951	Disposal barriers that release contaminants only by molecular diffusion. 1988 , 8, 299-305		25
1950	Horizontal and Vertical Distribution of PCBs in Southern Lake Michigan Sediments and the Effect of Waukegan Harbor as a Point Source. 1988 , 14, 277-290		26
1949	Adsorption of carcinogenic benz(a) pyrene on activated sludges. 1988 , 23, 169-180		
1948	Correlation of compound properties with biosorption of organic compounds. 1988 , 23, 543-557		2
1947	Models of Sorptive Toxic Substances in Freshwater Systems. I: Basic Equations. 1988 , 114, 507-532		38
1946	Chemistry and Biology of Solid Waste. 1988 ,		15
1945	Bioaccumulation behavior of persistent organic chemicals with aquatic organisms. 1988 , 102, 117-54		59

1944	Reviews of Environmental Contamination and Toxicology. 1988 ,	1
1943	Partition of Nonionic Organic Compounds in Aquatic Systems. 1988 , 127-151	9
1942	Radionuclide Migration in the Geosphere: An Overview. 1988 , 44-45, 159-164	19
1941	Recovery, Identification and Determination of Organic Compounds in Marine Sediments. 1988 , 317-331	1
1940	Pesticide sorption on geologic material of varying organic carbon content. 1988 , 4, 341-9	3
1939	Dioxon Sorption by Hydroxy-Aluminum-Treated Clays. 1989 , 37, 487-492	23
1938	Adsorption and Ion Exchange. <i>Developments in Environmental Modelling</i> , 1989 , 65-81	o 6
1937	Adsorption of organic chemicals in soils. 1989 , 83, 145-77	262
1936	ORGANICS IN GROUNDWATER. 1989 , 39-55	2
1935	Quantitative modeling of soil sorption for xenobiotic chemicals. 1989 , 83, 179-90	31
1934	Priority pollutants. 1989 , 5-30	
1933	Toxic Organic Chemicals in Porous Media. 1989 ,	9
1932	Towards a Standard Method for the Measurement of Organic Carbon in Sediments. 1989 , 35, 219-225	9
1931	Multiphase and Multicomponent Measurements of Batch Equilibrium Distribution Coefficients for Six Volatile Organic Compounds. 1989 , 6, 363-383	4
1930	Bioaccumulation of Hydrophobic Organic Pollutant Compounds. 1989 , 279-313	5
1929	Relationship between the soil sorption constants for pesticides and their physicochemical properties. 1989 , 8, 477-484	75
1928	Sorption of nonpolar organic chemicals on low-carbon-content aquifer materials. 1989 , 8, 845-852	20
1927	Short- and long-term sediment toxicity test methods with the amphipod <i>Grandidierella japonica</i> . 1989 , 8, 1191-1200	41

1926	In vitro and in vivo percutaneous absorption of benzo[a]pyrene from petroleum crude-fortified soil in the rat. 1989 , 43, 207-14	60
1925	Persistence and distribution of PCBs in the sediments of a reservoir (Lake Hartwell, South Carolina). 1989 , 43, 870-8	3
1924	Sorption of volatile organic solvents from aqueous solution onto subsurface solids. 1989 , 4, 163-179	52
1923	Phenanthrene degradation by estuarine surface microlayer and bulk water microbial populations. 1989 , 17, 89-104	17
1922	Use of experimental ecosystems in regulatory decision making. 1989 , 13, 539-544	7
1921	Methodology of chemical monitoring in the marine environment. 1989 , 43, 295-308	5
1920	Health considerations in using treated industrial and municipal effluents for irrigation. 1989 , 72, 81-113	9
1919	Determination of bioconcentration factors of isomeric polycyclic aromatic hydrocarbons in polychaete worms by HRGC on selective liquid crystalline stationary phases. 1989 , 12, 802-806	12
1918	Distribution of nutrients, trace elements, PAHs and radionuclides in sediment cores from Lake Varese (N. Italy). 1989 , 176-177, 213-223	10
1917	Quantitative Modeling of Soil Sorption for Xenobiotic Chemicals. 1989 , 83, 179	9
1916	Bioaccumulation of Chlorinated Hydrocarbons by the Mayfly (<i>Hexagenia Limbata</i>) in Lake St. Clair. 1989 , 15, 581-588	26
1915	Geochemical processes in landfills. 1989 , 39-81	5
1914	Sorption nonideality during organic contaminant transport in porous media. 1989 , 19, 33-99	460
1913	Density-driven flow of gas in the unsaturated zone due to the evaporation of volatile organic compounds. 1989 , 25, 2159-2169	174
1912	General principles of pesticide movement to groundwater. 1989 , 26, 275-297	17
1911	Models, field studies, laboratory experiments: An integrated approach to evaluate the environmental fate of atrazine (s-triazine herbicide). 1989 , 27, 513-522	28
1910	Estuarine ecology of phenanthrene-degrading bacteria. 1989 , 29, 115-130	11
1909	Relationships between micelle-water and octanol-water partition constants for hydrophobic organics of environmental interest. <i>Water Research</i> , 1989 , 23, 183-189	12.5 93

1908	Bioaccumulation of lipophilic compounds from sediments by oligochaetes. <i>Water Research</i> , 1989 , 23, 1443-1450	12.5	35
1907	Association of benzo(a)pyrene with dissolved organic matter: Prediction of K _{dom} from structural and chemical properties of the organic matter. <i>Chemosphere</i> , 1989 , 19, 1911-1920	8.4	98
1906	Parameters for predicting fate of organochlorine pesticides in the environment (II) Adsorption constant to soil. <i>Chemosphere</i> , 1989 , 19, 1223-1231	8.4	29
1905	Distribution of PCB congeners in sediments of the Otonabee River-Rice Lake system, Peterborough, Canada. <i>Chemosphere</i> , 1989 , 19, 1321-1328	8.4	10
1904	Studies of parameters affecting translocation of tetrachlorodibenzo-p-dioxin in soil. <i>Chemosphere</i> , 1989 , 18, 1291-1296	8.4	15
1903	The influence of sorbate-organic matter interactions on sorption nonequilibrium. <i>Chemosphere</i> , 1989 , 18, 1691-1706	8.4	174
1902	Relation between the molecular structure and the adsorption of arylcarbamate, phenylurea and anilide pesticides in soil and model organic adsorbents. <i>Chemosphere</i> , 1989 , 18, 1871-1882	8.4	14
1901	Quantifying the sorption of organic chemicals on sediments. <i>Chemosphere</i> , 1989 , 18, 1883-1893	8.4	13
1900	The relationship between partition coefficient and aqueous solubility in terms of solvatochromic parameters. <i>Chemosphere</i> , 1989 , 19, 1585-1593	8.4	3
1899	Groundwater Contamination: Use of Models in Decision-Making. 1989 ,		
1898	Bibliography. 1989 , 190-206		
1897	Applications of inverse chromatography in organic geochemistryI Characterization of polar solute-soil organic matter interactions by high performance liquid chromatography. 1989 , 14, 157-164		5
1896	Applications of inverse chromatography in organic geochemistryII. Measurement of solute activity coefficients in organic geopolymers by gas chromatography. 1989 , 14, 165-170		2
1895	A simple water/octanol partition system for bioconcentration investigations. <i>Environmental Science & Technology</i> , 1989 , 23, 961-965	10.3	23
1894	An analysis of trichloroethylene movement in groundwater at castle Air Force Base, California. 1989 , 110, 23-50		9
1893	Adsorption and desorption of perchloroethylene in soils, peat moss, and granular activated carbon. 1989 , 16, 798-806		7
1892	Sorption behaviour of some organophosphorus pesticides in natural sediments* Presented at the IAEAC Workshop on Chemistry and Fate of Organophosphorus Compounds, Barcelona 10-12 November 1987.. 1989 , 19, 69-82		5
1891	Prediction of Soil Sorption Coefficients of Hydrophobic Organic Pollutants by Adsorbability Index. 1989 , 62, 922-924		8

1890	Adsorption-desorption behavior of selected pesticides in some Western Australian soils. 1990 , 28, 227		28
1889	Using Soil and Meteorologic Data Bases in Unsaturated Zone Modeling of Pesticides. 1990 , 10, 96-101		
1888	Laboratory simulation of diffusion in contaminated marine sediments. 1990 , 13, 81		4
1887	Development of a systems analysis approach for resolving the structure of biodegrading soil systems. 1990 , 24-25, 237-252		6
1886	Ground water transport of hydrophobic organic compounds in the presence of dissolved organic matter. 1990 , 9, 253-263		118
1885	Comparisons between sediment bioassays and alterations of benthic macroinvertebrate assemblages at a marine superfund site: Commencement bay, Washington. 1990 , 9, 669-685		29
1884	Relationship between bioavailability and hydrophobicity: Reduction of the uptake of organic chemicals by fish due to the sorption on particles. 1990 , 9, 715-724		64
1883	Behaviour of particulate polychlorinated biphenyls and polycyclic aromatic hydrocarbons in the Scheldt estuary. 1990 , 26, 89-96		37
1882	Effect of pH concentration on the transport of naphthalene in saturated aquifer media. 1990 , 5, 235-251		15
1881	Bioremediation of pesticide-contaminated groundwater. 1990 , 1, 41-60		5
1880	Predicting bioaccumulation potential: a test of a fugacity-based model. 1990 , 19, 386-94		43
1879	The source, composition and flux of polycyclic aromatic hydrocarbons in sediments of the river Derwent, Derbyshire, U.K.. <i>Water, Air, and Soil Pollution</i> , 1990 , 51, 1-12	2.6	14
1878	The PAH and organic content of sediment particle size fractions. <i>Water, Air, and Soil Pollution</i> , 1990 , 51, 13-31	2.6	89
1877	Rapid and secondary sorption of benzene and toluene by two aquifer solids. 1990 , 23, 317-330		3
1876	The influence of a salt wedge and tidal flow dynamics on contaminant pathways in the Fraser River Estuary, British Columbia. 1990 , 203-208		1
1875	Hydrophobicity of Clay Surfaces: Sorption of 1,2-Dibromoethane and Trichloroethene. 1990 , 38, 14-20		31
1874	Use of Inorgano-Organo-Clays in the Removal of Priority Pollutants from Industrial Wastewaters: Adsorption of Benzo(a)Pyrene and Chlorophenols from Aqueous Solutions. 1990 , 38, 287-293		78
1873	CHAPTER 7. CO-ADSORPTION OF METAL IONS AND ORGANIC LIGANDS: FORMATION OF TERNARY SURFACE COMPLEXES. 1990 , 281-308		31

1872	Fractionation of the organic matter in soils and sediments and their contribution to the sorption of pesticides 1 Contribution from the Agricultural Research Organization, The Volcani Center, Bet Dagan 50250, Israel. No. 2994-E, 1990 series.. 1990 , 25, 729-741		14
1871	Solubilities of pesticide chemicals in water. Part I: Environmental physical chemistry. 1990 , 116, 1-13		18
1870	Groundwater contamination studies-the state-of-the-art. 1990 , 20, 231-256		8
1869	Contaminated Sediment as a Source of PCBs in a River System. 1990 , 47, 746-754		40
1868	Sorption and Transport of Pesticides in Ground Water: Critical Review. 1990 , 116, 3-15		11
1867	Food Chain Structure in Ontario Lakes Determines PCB Levels in Lake Trout (<i>Salvelinus namaycush</i>) and Other Pelagic Fish. 1990 , 47, 2030-2038		249
1866	Sorption of polychlorinated biphenyls on marine sediments. 1990 , 11, 83-92		12
1865	Anaerobic bioconversion of phthalic acid esters by natural inocula. 1990 , 11, 1015-1026		15
1864	Sorption of polychlorinated biphenyls on marine sediments. 1990 , 11, 93-97		2
1863	Predicting the behaviour of pesticides in soil from their physical and chemical properties. 1990 , 329, 375-81; discussion 381-2		9
1862	Availability of sorbed toluene in soils for biodegradation by acclimated bacteria. <i>Water Research</i> , 1990 , 24, 345-350	12.5	88
1861	Sorption equilibria for trichloroethene on algae. <i>Water Research</i> , 1990 , 24, 355-360	12.5	16
1860	Adsorption coefficient (Koc) and HPCL retention factors of aromatic hydrocarbons. <i>Chemosphere</i> , 1990 , 21, 495-505	8.4	16
1859	Polychlorierte Dibenzo-p-dioxine (PCDDs) und polychlorierte Dibenzofurane (PCDFs) in Sedimenten und Fischen aus dem Hamburger Hafen. <i>Chemosphere</i> , 1990 , 20, 51-73	8.4	29
1858	Methods for the determination of PAH desorption kinetics in coal fines and coal contaminated sediments. <i>Chemosphere</i> , 1990 , 20, 137-159	8.4	8
1857	Three-phase partitioning of hydrophobic organic compounds in Great Lakes waters. <i>Chemosphere</i> , 1990 , 20, 161-178	8.4	83
1856	Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. <i>Chemosphere</i> , 1990 , 21, 975-989	8.4	14
1855	Prediction of the soil adsorption coefficient Koc for aromatic pollutants. <i>Chemosphere</i> , 1990 , 21, 1199-1212		22

1854	Prediction of the adsorption coefficient (K _{oc}) for soil by a chemically immobilized humic acid column using RP-HPLC. <i>Chemosphere</i> , 1990 , 21, 729-739	8.4	29
1853	Determination of the adsorption coefficient (K _{OC}) of some aromatics for soil by RP-HPLC on two immobilized humic acid phases. <i>Chemosphere</i> , 1990 , 21, 777-788	8.4	35
1852	Effect of co-contaminants on the disposition of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in saturated soils. <i>Chemosphere</i> , 1990 , 20, 1589-1596	8.4	9
1851	Analytical models of the impact of two-phase sorption on subsurface transport of volatile chemicals. 1990 , 26, 745-758		3
1850	Effects of sediment-bound residues of the pyrethroid insecticide fenvalerate on survival and reproduction of meiobenthic copepods. 1990 , 29, 65-76		33
1849	Relationship between Chlorinated Hydrocarbons and Organic Carbon in Sediment and Porewater. 1990 , 16, 245-257		27
1848	Polychlorinated Biphenyls in Lake Michigan Tributaries. 1990 , 16, 396-405		23
1847	Trace element and biotic changes following a simulated oil spill on a mudflat in Port Valdez, Alaska. <i>Marine Pollution Bulletin</i> , 1990 , 21, 131-137	6.7	14
1846	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. 1991 , 90, 75		38
1845	Ground water contamination by anthropogenic organic compounds from waste disposal sites: Transformations and behaviour. 1991 , 26, 13-62		2
1844	Water Pollution: Modelling, Measuring and Prediction. 1991 ,		6
1843	Nonconstant polychlorinated biphenyl partitioning in New Bedford Harbor sediment during sequential batch leaching. <i>Environmental Science & Technology</i> , 1991 , 25, 1082-1087	10.3	26
1842	Different approaches for the evaluation of K _{ow} for s-triazine herbicides. <i>Chemosphere</i> , 1991 , 23, 801-812	8.4	22
1841	Malathion sorption by sediments from a tropical estuary. <i>Chemosphere</i> , 1991 , 23, 167-180	8.4	13
1840	Scientifically based strategies for marine environmental protection and management. <i>Marine Pollution Bulletin</i> , 1991 , 22, 432-440	6.7	46
1839	Soil sorption of 20 PCB congeners and six chlorobenzenes. 1991 , 21, 1-17		49
1838	Fate of hydrophobic organic pollutants in the aquatic environment: a review. 1991 , 69, 237-57		69
1837	Sediment- and saturated-soil-associated reactions involving an anionic surfactant (dodecyl sulfate). 2. Partition of PAH compounds among phases. <i>Environmental Science & Technology</i> , 1991 , 25, 1039-1045	10.3	93

1836	Deriving quality criteria for water and sediment from the results of aquatic toxicity tests and product standards: Application of the equilibrium partitioning method. <i>Water Research</i> , 1991 , 25, 697-705	12.5	103
1835	Effects of soil properties and moisture on the sorption of trichloroethylene vapor. <i>Water Research</i> , 1991 , 25, 29-36	12.5	84
1834	A spreadsheet-based box model to predict the fate of xenobiotics in a municipal wastewater treatment plant. <i>Water Research</i> , 1991 , 25, 891-900	12.5	93
1833	Sorption of nonpolar and polar compounds to soils: Processes, measurements and experience with the applicability of the modified OECD-Guideline 106. <i>Chemosphere</i> , 1991 , 22, 285-304	8.4	274
1832	Development of QSARs in terrestrial ecotoxicology: earthworm toxicity and soil sorption of chlorophenols, chlorobenzenes and dichloroaniline. <i>Science of the Total Environment</i> , 1991 , 109-110, 589-604	10.2	34
1831	Polycyclic aromatic hydrocarbons in air, soil and vegetation in the vicinity of an urban roadway. <i>Science of the Total Environment</i> , 1991 , 102, 229-240	10.2	132
1830	. 1991 ,		16
1829	Analyzing the Permeation of Organic Chemicals Through Plastic Pipes. 1991 , 83, 92-97		10
1828	Permeation of Polybutylene Pipe and Gasket Material by Organic Chemicals. 1991 , 83, 71-78		13
1827	The Effect of Soils on the Permeation of Plastic Pipes by Organic Chemicals. 1991 , 83, 85-91		5
1826	Biogeochemical processes governing exposure and uptake of organic pollutant compounds in aquatic organisms. 1991 , 90, 75-84		25
1825	Chapter 5 Screening of Toxic Chemicals. 1991 , 41, 173-229		
1824	Importance of Soil Contaminant Surfactant Interactions for In Situ Soil Washing. 1991 , 316-341		5
1823	An evaluation of chemically immobilized humic acid: A new stationary phase for RP-HPLC prediction of uptake of organic pollutants by soils and sediments. 1991 , 349-355		3
1822	The influence of aquatic humic substances on the octanol/water partition coefficient (Kow) of pesticides and trace elements at different pH values. 1991 , 357-365		2
1821	The contradictory biological behavior of humic substances in the aquatic environment. 1991 , 367-390		3
1820	Development of a differential volume reactor system for soil biodegradation studies. 1991 , 28-29, 5-19		3
1819	Transport of a BTX mixture in a groundwater aquifer material. 1991 , 46, 534-41		2

1818	Mathematical simulation of soil vapor extraction systems: Model development and numerical examples. 1991 , 8, 263-297	73
1817	Gasoline vapor transport through a high-water-content soil. 1991 , 8, 317-334	17
1816	Cosorption of aromatic N-heterocycles and pyrene by smectites in aqueous solutions. 1991 , 7, 237-259	25
1815	Humic acid-modified silica as a model aquifer material. 1991 , 10, 433-440	20
1814	Degradation of toluene and p-xylene in anaerobic microcosms: Evidence for sulfate as a terminal electron acceptor. 1991 , 10, 1379-1389	65
1813	Assessing the toxicity of freshwater sediments. 1991 , 10, 1585-1627	282
1812	Trifluralin effects on the development of cotton in arid zone soils. 1991 , 31, 375-384	3
1811	Characteristics of Rhodamine WT and Fluorescein as Adsorbing Ground-Water Tracers. 1991 , 29, 341-349	106
1810	Evaluation of Sorption Models in the Simulation of Naphthalene Transport Through Saturated Soils. 1991 , 29, 685-692	20
1809	A Comparison of Sorption Coefficients Determined by Batch, Column, and Box Methods on a Low Organic Carbon Aquifer Material. 1991 , 29, 908-913	56
1808	Analysis of volatile organic compounds in estuarine sediments using dynamic headspace and gas chromatography-mass spectrometry. 1991 , 542, 413-450	34
1807	Use of a three-phase model with hydroxypropyl- β -cyclodextrin for the direct determination of large octanol-water and cyclodextrin-water partition coefficients. 1991 , 255, 157-162	12
1806	Field verification of predictive modeling of organic compound removal by biological wastewater treatment processes. 1991 , 10, 96-103	9
1805	Estimation of VOC emissions using the BASTE model. 1991 , 10, 290-299	24
1804	Enhancement of mutagenicity of 1-nitropyrene by water as a diluent. 1991 , 21, 58-61	1
1803	Role of exposure mode in the bioavailability of triphenyl phosphate to aquatic organisms. 1991 , 21, 481-5	6
1802	The distribution of organic matter in songkhla lake basin (SLB). 1991 , 19, 457-67	
1801	Dynamic response of naphthalene biodegradation in a continuous flow soil slurry reactor. 1991 , 2, 81-91	6

1800	Elution Profiles of Three Chlorinated Hydrocarbons Leaching Through Sandy Soil. 1991 , 117, 279-290	2
1799	Toxicant-Loading Concept for Organic Contaminants in Lakes. 1991 , 117, 656-677	14
1798	Fourth Symposium on our Environment. 1991 ,	
1797	Numerical analysis of solute migration through fractured clayey deposits into underlying aquifers. 1992 , 28, 515-526	67
1796	A review of the attenuation of trichloroethylene in soils and aquifers. 1992 , 25, 359-370	26
1795	Theory and Experiments on Subsurface Contaminant Sorption Systems. 1992 , 118, 322-337	7
1794	Organophosphorus pesticide adsorption variability in diverse estuarine sediments. 1992 , 36, 65-73	9
1793	Simulating Solute Transport Using Laboratory-Based Sorption Parameters. 1992 , 118, 666-688	42
1792	Subsurface contaminant bioremediation engineering. 1992 , 22, 1-26	13
1791	Subsurface, terrestrial microbial ecology and biodegradation of organic chemicals: A review. 1992 , 22, 67-136	37
1790	Lindane Adsorption-Desorption on Chitin in Sea Water. 1992 , 46, 175-186	2
1789	Regression models for some solute distribution equilibria in the terrestrial environment. 1992 , 34, 175-185	9
1788	Regression models for octanol-water partition coefficients, and for bioconcentration in fish. 1992 , 34, 155-173	12
1787	Adsorption of Trace Hydrophobic Compounds from Water on Surfactant-Coated Alumina. 1992 , 27, 1633-1642	56
1786	Zum Einfluß des gelösten organischen Kohlenstoffs (DOC) auf das Mobilitätsverhalten einiger Pestizide. 1992 , 20, 74-81	8
1785	Distribution of Hydrophobic Organic Compounds between Dissolved and Particulate Organic Matter in Green Bay Waters. 1992 , 18, 91-97	32
1784	Precipitation scavenging of polychlorinated biphenyl congeners in the great lakes region. 1992 , 26, 883-897	42
1783	Sorption-desorption kinetics of some organochlorine insecticides in silt-water suspensions. 1992 , 34, 187-206	2

1782	Desorption of hexachlorobiphenyl from selected particulate matter. 1992 , 35, 25-46		2
1781	Sorption of organics on clay and synthetic humic-clay complexes simulating aquifer processes. <i>Water Research</i> , 1992 , 26, 79-84	12.5	66
1780	Why Don't Great Lakes Fish Reflect Environmental Concentrations of Organic Contaminants? An Analysis of Between-Lake Variability in the Ecological Partitioning of PCBs and DDT. 1992 , 18, 724-741		48
1779	Sorption of 1,2,3,4-tetrachlorobenzene and cadmium to sediments and suspended solids in Lake Volkerak/Zoom. <i>Water Research</i> , 1992 , 26, 327-337	12.5	20
1778	Mobility of dichlorprop in the soil-water system as a function of different environmental factors. I. A batch experiment. <i>Science of the Total Environment</i> , 1992 , 123-124, 399-409	10.2	10
1777	Sorption of 3,4,5-trichloroaniline in a soil profile. <i>Science of the Total Environment</i> , 1992 , 123-124, 519-520.	10.2	6
1776	Adsorption of chlorpyrifos on Almer soils. <i>Science of the Total Environment</i> , 1992 , 123-124, 541-549	10.2	19
1775	Organic chemicals entering agricultural soils in sewage sludges: screening for their potential to transfer to crop plants and livestock. <i>Science of the Total Environment</i> , 1992 , 119, 85-119	10.2	130
1774	Sorption of radon-222 to natural sediments. 1992 , 56, 3923-3932		14
1773	Rate-limited mass transfer and transport of organic solutes in porous media that contain immobile immiscible organic liquid. 1992 , 28, 33-45		81
1772	Numerical modeling of steam injection for the removal of nonaqueous phase liquids from the subsurface: 1. Numerical formulation. 1992 , 28, 433-449		122
1771	Degradation of dibenzodioxin during chlorine dioxide bleaching of kraft pulp. <i>Environmental Science & Technology</i> , 1992 , 26, 1324-1326	10.3	5
1770	Struktur-Aktivitätsbeziehungen (QSAR). 1992 , 4, 77-81		2
1769	Mikrobielle Transformation vono-Nitroanilin undp-Nitrophenol. 1992 , 4, 81-85		6
1768	Organic matter fractions controlling the sorption of atrazine in sandy soils. <i>Chemosphere</i> , 1992 , 25, 887-898		41
1767	Correlation of benzene, 1,1,1-trichloroethane, and naphthalene distribution coefficients to the characteristics of aquifer materials with low organic carbon content. <i>Chemosphere</i> , 1992 , 24, 979-991	8.4	16
1766	Removing 2,4-D from water by organo-clays. <i>Chemosphere</i> , 1992 , 24, 1493-1503	8.4	66
1765	Predicting nonequilibrium transport of naphthalene through aquifer materials using batch determined sorption parameters. <i>Chemosphere</i> , 1992 , 24, 141-153	8.4	15

1764	Evaluation of silica-humate and alumina-humate HPLC stationary phases for estimation of the adsorption coefficient, K _{oc} , of soil for some aromatics. <i>Chemosphere</i> , 1992 , 24, 403-412	8.4	28
1763	Sorption of hydrophobic hydrocarbons on three aquifer materials in a flow through system. <i>Chemosphere</i> , 1992 , 24, 439-451	8.4	23
1762	Occurrence and dynamics of polychlorinated dibenzo-p-dioxins and dibenzofurans and other combustion related organic pollutants in the aquatic environment of the Baltic. <i>Chemosphere</i> , 1992 , 25, 125-128	8.4	12
1761	Sorption of 1,2,3,4-tetrachlorobenzene to sediments: The application of a simple three phase model. <i>Chemosphere</i> , 1992 , 25, 313-325	8.4	23
1760	Sorption of Hydrophobic Organic Compounds and Nonionic Surfactants with Subsurface Materials. 1992 , 169-181		6
1759	Separation of Hydrophobic Organic Compounds from Wastewater Using Surfactant Aggregates on Alumina Particles. 1992 , 26, 1213-1220		12
1758	Adsorption-desorption of trichloroethylene in granular media. <i>Water, Air, and Soil Pollution</i> , 1992 , 65, 245-255	2.6	26
1757	Cohesive sediment transport: emerging issues for toxic chemical management. 1992 , 235-236, 177-187		51
1756	Sediment analysis for the assessment of risk from organic pollutants in lakes. 1992 , 235-236, 639-647		9
1755	Sorption of hydrophobic organic contaminants and trace metals on phytoplankton and implications for toxicity assessment. 1992 , 1, 175-191		11
1754	Adsorption of polycyclic aromatic hydrocarbons (PAHs) by soil particles: influence on biodegradability and biotoxicity. 1992 , 36, 689-96		312
1753	Methanogenic Biodegradation of Creosote Contaminants in Natural and Simulated Ground-Water Ecosystems. 1992 , 30, 232-242		103
1752	Physical chemistry of organic compounds in the marine environment. 1992 , 39, 187-207		20
1751	Quantitative modeling of environmental fate and impact of commercial chemicals. 1992 , 11, 961-972		24
1750	Effects of pH and humus on the availability of 2,2',4,4',5,5'-hexachlorobiphenyl-14C in lake water. 1992 , 11, 1209-1216		14
1749	Vapor-phase partitioning of volatile organic compounds: A regression approach. 1992 , 11, 1377-1388		5
1748	Landfill leachate effects on sorption of organic micropollutants onto aquifer materials. 1992 , 9, 307-324		28
1747	Hydrocarbon dissolution and transport: a comparison of equilibrium and kinetic models. 1992 , 10, 309-323		37

1746	Multi-substrate, multi-option groundwater transport model. 1992 , 11, 215-244		4
1745	Laboratory and field measurements of non-equilibrium transport in the Borden aquifer, Ontario, Canada. 1992 , 10, 119-158		67
1744	Stochastic modeling of in situ bioremediation in heterogeneous aquifers. 1992 , 10, 47-73		33
1743	Geochemical heterogeneity in a sand and gravel aquifer: Effect of sediment mineralogy and particle size on the sorption of chlorobenzenes. 1992 , 9, 35-54		127
1742	Release rates of chlorinated hydrocarbons from contaminated sediments. 1992 , 29, 297-310		12
1741	Modeling contaminant transport through subsurface systems. 1992 , 32, 293-311		4
1740	Extraction and gas chromatographic determination of chlorinated solvents in contaminated soil. 1992 , 623, 123-127		4
1739	Bioaccumulation processes in ecosystems. 1992 , 48, 955-70		58
1738	In situ treatment of soil for the extraction of organic contaminants. 1993 , 12, 12-23		8
1737	Adsorption of phenol and chlorophenols from aqueous solution by modified elutrilithe. 1993 , 17, 41-51		5
1736	Development of QSAR's in soil ecotoxicology: Earthworm toxicity and soil sorption of chlorophenols, chlorobenzenes and chloroanilines. <i>Water, Air, and Soil Pollution</i> , 1993 , 69, 265-276	2.6	20
1735	Pentachlorophenol interactions with soil. <i>Water, Air, and Soil Pollution</i> , 1993 , 69, 149-163	2.6	29
1734	The occurrence and the fate of organic pollutants in the atmosphere. <i>Water, Air, and Soil Pollution</i> , 1993 , 68, 91-112	2.6	17
1733	Transport of volatile chlorinated hydrocarbons in unsaturated aggregated media. <i>Water, Air, and Soil Pollution</i> , 1993 , 68, 291-305	2.6	22
1732	Comparison of sediment extract microtox toxicity with semi-volatile organic priority pollutant concentrations. 1993 , 24, 461-468		45
1731	Organic contaminants in snapping turtle (<i>Chelydra serpentina</i>) populations from southern Ontario, Canada. 1993 , 24, 35-43		17
1730	Influence of Rhodamine WT Properties on Sorption and Transport in Subsurface Media. 1993 , 31, 913-920		57
1729	Modeling Advective Contaminant Transport During Soil Vapor Extraction. 1993 , 31, 1011-1020		20

1728	Distributions of pesticides and organic contaminants between water and suspended sediment, San Francisco Bay, California. 1993 , 16, 416		44
1727	Mineral contributions to atrazine and alachlor sorption in soil mixtures of variable organic carbon and clay content. 1993 , 14, 117-128		45
1726	Physico-chemical factors influencing ethyleneamine sorption to soil. 1993 , 12, 27-35		14
1725	Contaminated marine sediments: Water column and interstitial toxic effects. 1993 , 12, 127-138		51
1724	Effect of primary productivity and vertical mixing on pcb dynamics in planktonic model ecosystems. 1993 , 12, 931-946		32
1723	Quantitative structure-activity relationships for predicting the toxicity of pesticides in aquatic systems with sediment. 1993 , 12, 1307-1318		22
1722	Sorption of chlorobenzenes to mineralizing phytoplankton. 1993 , 12, 1425-1439		27
1721	Bioaccumulation of PCB congeners by blue mussels (<i>Mytilus edulis</i>) deployed in New Bedford Harbor, Massachusetts. 1993 , 12, 1671-1681		31
1720	Using QSAR to evaluate phenomenological models for sorption of organic compounds by soil. 1993 , 12, 1835-1846		36
1719	Selected factors limiting the microbial degradation of recalcitrant compounds. 1993 , 12, 379-395		120
1718	Evaluation of microbial surfactants for recovery of hydrophobic pollutants from soil. 1993 , 11, 163-170		52
1717	Behaviour of selected PCBs, PAHs and DDT in the Scheldt estuary, S.W. Netherlands. 1993 , 27, 301-308		7
1716	Adsorption of methomyl by soils of Southern Spain and soil components. <i>Chemosphere</i> , 1993 , 27, 837-849.		27
1715	Estimation of bioconcentration factor in fish, adsorption coefficient for soils and sediments and interfacial tension with water for organic nonelectrolytes based on the linear solvation energy relationships. <i>Chemosphere</i> , 1993 , 26, 1905-1916	8.4	25
1714	Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in the aquatic environment A literature review. <i>Chemosphere</i> , 1993 , 26, 1041-1069	8.4	62
1713	Simulation of herbicide contamination of the aquifer north of Vicenza (North-East Italy). <i>Chemosphere</i> , 1993 , 26, 929-940	8.4	8
1712	Adsorption isotherms of tri- and tetrachloroethylene by various natural solids. 1993 , 149, 163-182		20
1711	Migration of chlorinated hydrocarbon solvents through Coventry sandstone rock columns. 1993 , 149, 183-207		19

1710	Environmental factors affecting the accumulation of sediment-sorbed hexachlorobiphenyls by channel catfish. 1993 , 27, 179-198		8
1709	Stochastic modeling of flow and transport in deep-well injection disposal systems. 1993 , 34, 313-333		6
1708	Groundwater contamination with trichloroethylene: The problem and some solutions [A review]. 1993 , 2, 205-228		5
1707	Adsorption of substituted nitrobenzenes and nitrophenols to mineral surfaces. <i>Environmental Science & Technology</i> , 1993 , 27, 316-326	10.3	227
1706	Partitioning of polychlorinated biphenyl congeners in the seawater of New Bedford Harbor, Massachusetts. <i>Environmental Science & Technology</i> , 1993 , 27, 938-942	10.3	38
1705	Particle-Mediated Transport and Fate of a Hydrophobic Organic Contaminant in Southern Lake Michigan: The Role of Major Water Column Particle Species. 1993 , 19, 480-496		13
1704	Simulating the volatilization of solvents in unsaturated soils during laboratory and field infiltration experiments. 1993 , 29, 3329-3342		36
1703	Modeling of multiphase transport of multicomponent organic contaminants and heat in the subsurface: Numerical model formulation. 1993 , 29, 3727-3740		59
1702	Seasonal and annual distribution of organic contaminants in marine sediments from Elkhorn slough, moss landing harbor and nearshore Monterey Bay, California. 1993 , 82, 79-91		21
1701	An improved model for predicting the fate of consumer product chemicals in wastewater treatment plants. <i>Water Research</i> , 1993 , 27, 561-573	12.5	71
1700	Tricyclazol retention by soils. <i>Science of the Total Environment</i> , 1993 , 132, 217-228	10.2	14
1699	Contaminant transport. 1993 , 33-65		31
1698	Vapor analysis/extraction. 1993 , 379-429		1
1697	Methodology for the determination of polychlorinated dibenzo-p-dioxins and dibenzofurans in sediment samples. 1993 , 39, 1-12		12
1696	Toxicity of gasoline aqueous-leachate through sand-clay columns. 1993 , 28, 933-940		1
1695	Multicomponent Adsorption of Polycyclic Aromatic Hydrocarbons in Manufactured Gas Plant Soils. 1993 , 28, 873-893		3
1694	Nonionic Organic Partitioning onto Organoclays. 1993 , 10, 313-322		10
1693	Partitioning of linear alkylbenzenesulfonates in natural water and sediment. 1993 , 28, 683-696		2

1692	Predicting Release of PCBs at Point of Dredging. 1993 , 119, 72-89	12
1691	Sorption and Desorption of Trichloroethylene on Soils.. 1993 , 16, 346-353	1
1690	Relationship between Herbicide's Fate of the River Flowing into Lake Teganuma and its Molecular Structure.. 1994 , 17, 247-255	3
1689	Experimental Data and Modeling for Surfactant Micelles, HOCs, and Soil. 1994 , 120, 23-41	34
1688	Sampling and Partition of Neutral Organic Contaminants in Surface Waters With Regard to Legislation, Environmental Quality and Flux Estimations. 1994 , 57, 215-229	29
1687	KOC estimation of deethylatrazine, deisopropylatrazine, hexazinone and terbuthylazine by reversed phase chromatography and sorption isotherms. 1994 , 44, 1-10	18
1686	Improved RP-HPLC Determination of Kow for Some Chloroaromatic Chemicals Using Molecular Connectivity Indices. 1994 , 2, 249-260	3
1685	Comparison of Adsorption Coefficient (KOC) for Soils and HPLC Retention Factors of Aromatic Hydrocarbons Using a Chemically Immobilized Humic Acid Column in RP-HPLC. 1994 , 17, 2593-2604	18
1684	Evaporation loss of polychlorinated dibenzo-p-dioxins and dibenzofurans from glass and filter matrix. 1994 , 41, 57-62	3
1683	Surfactant Solubilization of Organic Compounds in Soil/Aqueous Systems. 1994 , 120, 5-22	85
1682	Transport of Benzene and Trichloroethylene Through a Landfill Soil Liner Mixed With Coal Slurry. 1994 , 12, 417-428	2
1681	Adsorption/Desorption of toluene on clay minerals. 1994 , 3, 127-135	4
1680	Removal of light nonaqueous phase liquids (LNAPLs) by aquifer flushing. 1994 , 14, 115-126	2
1679	Organo-clays as adsorbents for azinphosmethyl and dichlorvos in aqueous medium. <i>Water, Air, and Soil Pollution</i> , 1994 , 74, 19-28	2.6 28
1678	Release rates of polynuclear aromatic hydrocarbons from natural sediments and their relationship to solubility and octanol-water partitioning. 1994 , 26, 282-291	14
1677	Soil sampling and analysis for volatile organic compounds. 1994 , 30, 213-46	11
1676	Investigation of vertical distribution and morphology of indigenous organic matter at Sleeping Bear site, Michigan. 1994 , 24, 176-187	3
1675	Chemical contaminant reactions and assessment of soil cleanup levels for protection of groundwater. 1994 , 23, 105-113	2

1674	Sorption and desorption of contaminants from different host matrices. 1994 , 13, 37-44	3
1673	Effect of clay minerals present in aquifer soils on the adsorption and desorption of hydrophobic organic compounds. 1994 , 13, 51-59	2
1672	Effect of clay minerals present in aquifer soils on the adsorption and desorption of hydrophobic organic compounds. 1994 , 13, 51-59	21
1671	Sorption of benzene, toluene, ethylbenzene and xylenes to various media. 1994 , 38, 113-126	54
1670	Transport of reactive contaminants in heterogeneous porous media. 1994 , 32, 285	110
1669	Evaluation of equilibrium partitioning theory for predicting acute toxicity of field-collected sediments contaminated with DDT, DDE and DDD to the amphipod <i>Hyalella azteca</i> . 1994 , 13, 157-166	51
1668	Adsorption and desorption hysteresis of pahs in surface sediment. 1994 , 13, 1559-1567	79
1667	The role of grazers and shredders in the retention and downstream transport of a pcb in lotic environments. 1994 , 13, 1843-1847	6
1666	Quantification of polychlorinated biphenyls (PCBs) and hexachlorobenzene (HCB) in the picogram/liter range in water of the river Elbe. 1994 , 348, 694-695	7
1665	A continuous flow method for calculating adsorption isotherms of organic pollutants onto aquifer materials. 1994 , 15, 15-25	3
1664	The sorption of polycyclic aromatic hydrocarbons by soils in low-methanol/water mixtures. 1994 , 17, 129-143	17
1663	Surfactant solubilization of hydrophobic compounds in soil and water : I. Dodecylsulphate monomer and micellar partition coefficients for 28 polychlorinated biphenyls (PCBs) [41]. 1994 , 1, 131-9	11
1662	Natural Biological Attenuation of Benzene in Ground Water Beneath a Manufacturing Facility. 1994 , 32, 215-226	40
1661	Diffusive Disappearance of Immiscible-Phase Organic Liquids in Fractured Geologic Media. 1994 , 32, 805-820	160
1660	Fate of Pesticides in Aquatic Environments. 1994 , 191-246	3
1659	Adsorption/Desorption hysteresis in organic pollutant and soil/sediment interaction. <i>Environmental Science & Technology</i> , 1994 , 28, 859-67	10.3 216
1658	A forced-gradient experiment on solute transport in the Borden aquifer: 3. Nonequilibrium transport of the sorbing organic compounds. 1994 , 30, 401-419	29
1657	Aquifer remediation: A method for estimating mass transfer rate coefficients and an evaluation of pulsed pumping. 1994 , 30, 1979-1991	73

1656	Effects of rate-limited desorption on the feasibility of in situ bioremediation. 1994 , 30, 2413-2422		27
1655	Chemistry and Mechanisms of Low-Temperature Dissolution of Silicates by Organic Acids. 1994 , 162-200		15
1654	Distribution of nonionic surfactant and phenanthrene in a sediment/aqueous system. <i>Environmental Science & Technology</i> , 1994 , 28, 1550-60	10.3	162
1653	Cross-correlation of polarity curves to predict partition coefficients of nonionic organic contaminants. <i>Environmental Science & Technology</i> , 1994 , 28, 1929-33	10.3	121
1652	Pesticides in Ground and Surface Water. 1994 ,		1
1651	Evaluation of Rhodamine WT as an adsorbed tracer in an agricultural soil. 1994 , 153, 53-70		25
1650	Total organic carbon in the sediments of the Arabian Gulf and need for biological productivity investigations. <i>Marine Pollution Bulletin</i> , 1994 , 28, 356-362	6.7	29
1649	Polycyclic aromatic hydrocarbons in sediments of the Adriatic Sea. <i>Marine Pollution Bulletin</i> , 1994 , 28, 159-165	6.7	72
1648	Sedimentary coprostanol in Kaohsiung Harbour and the Tan-Shui Estuary, Taiwan. <i>Marine Pollution Bulletin</i> , 1994 , 28, 494-499	6.7	77
1647	The formation of humic coatings on mineral particles under simulated estuarine conditions: A mechanistic study. <i>Water Research</i> , 1994 , 28, 571-579	12.5	102
1646	Fate of 2,4,6-trichloro-(14C)-phenol bound to dissolved humic acid. <i>Water Research</i> , 1994 , 28, 445-452	12.5	22
1645	Experimental problems in determining sorption coefficients of organic chemicals; an example for chlorobenzenes. <i>Chemosphere</i> , 1994 , 28, 931-945	8.4	22
1644	Volatilisation of o-xylene from sandy soil. <i>Chemosphere</i> , 1994 , 29, 2625-2637	8.4	2
1643	Sampling and analysis of water and suspended particulate matter of the river Elbe for polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs). <i>Chemosphere</i> , 1994 , 28, 63-74	8.4	30
1642	Chlorophenols and alkylphenols: A review and correlation of environmentally relevant properties and fate in an evaluative environment. <i>Chemosphere</i> , 1994 , 29, 1155-1224	8.4	109
1641	Measured and estimated volatilisation of naphthalene from a sandy soil. <i>Chemosphere</i> , 1994 , 29, 1407-1419	8.4	5
1640	Adsorption/desorption of hydrocarbons on clay minerals. <i>Chemosphere</i> , 1994 , 28, 627-638	8.4	17
1639	QSAR for organic chemical sorption in soils and sediments. <i>Chemosphere</i> , 1994 , 28, 1171-1188	8.4	49

1638	Sorption behaviour of some chlorophenols in natural sorbents. 1. Validity of the partition model for sorption of phenolates. <i>Science of the Total Environment</i> , 1994 , 155, 199-213	10.2	12
1637	Bioremediation of Petroleum- and Creosote-Contaminated Soils: a Review of Constraints. 1994 , 12, 173-194		58
1636	Bioconcentration of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in guppies after aqueous exposure to a complex PCDD/PCDF mixture: relationship with molecular structure. 1994 , 30, 153-169		29
1635	Appendix J: Polychlorinated dibenzo p-dioxins and polychlorinated dibenzofurans. 1994 , 20, S960-S1029		1
1634	An expert system to determine the probability of pesticide leaching. 1994 , 25, 57-70		3
1633	Adsorption and Desorption Kinetics of Pyrene onto a Great Lakes Sediment. 1994 , 20, 561-568		6
1632	Sorption of chlorobenzenes to cape cod aquifer sediments. <i>Environmental Science & Technology</i> , 1994 , 28, 890-7	10.3	40
1631	Sorption of phenol by selected biopolymers: isotherms, energetics, and polarity. <i>Environmental Science & Technology</i> , 1994 , 28, 466-73	10.3	98
1630	Transport and sorption of volatile organic compounds and water vapor within dry soil grains. <i>Environmental Science & Technology</i> , 1994 , 28, 322-30	10.3	50
1629	Fate of Hydrophobic Organic Contaminants. 1994 , 559-573		15
1628	Sorption of organic pollutants on anthropogenic humic matter. <i>Environmental Science & Technology</i> , 1995 , 29, 941-50	10.3	101
1627	Reactions and transport modeling of surfactant and anthracene in the soil flushing process. 1995 , 15, 423-432		3
1626	The use of regression equations for quality control in a pesticide physical property database. 1995 , 19, 127-134		2
1625	Total PCB-organic matter correlation in sediments from three estuarine areas of Portugal. 1995 , 29, 297-302		14
1624	Application of uncertainty analysis to groundwater pollution modeling. 1995 , 26, 89-96		15
1623	Modelling and monitoring organochlorine and heavy metal accumulation in soils, earthworms, and shrews in Rhine-delta floodplains. 1995 , 29, 115-27		70
1622	Analysis of the distribution of some polycyclic aromatic hydrocarbons in sediments and suspended matter in the River Seine (France). <i>Water, Air, and Soil Pollution</i> , 1995 , 81, 135-152	2.6	27
1621	A Risk-Based Approach for Managing Hazardous Waste. 1995 , 15, 79-89		

1620	A Model for Determination of the Phase Distribution of Petroleum Hydrocarbons at Release Sites. 1995 , 15, 157-167	5
1619	A nonsteady-state analytical model to predict gaseous emissions of volatile organic compounds from landfills. 1995 , 40, 271-295	35
1618	A simple method to study the effectiveness of bioremediation aided, pump-and-treat technology for aquifers contaminated by non-aqueous phase liquids. II. Multi-component systems. 1995 , 41, 185-204	5
1617	Partitioning of hydrophobic organic contaminants to resuspended sediments and plankton in the mesohaline Chesapeake Bay. 1995 , 49, 171-188	80
1616	Influence of salinity upon sediment-water partitioning of aromatic hydrocarbons. 1995 , 51, 3-16	112
1615	Supercritical carbon dioxide-soil partition coefficients. 1995 , 8, 149-155	8
1614	Microcosm studies of subsurface PAH-degrading bacteria from a former manufactured gas plant. 1995 , 17, 213-237	44
1613	Impact of sediment partitioning methods on environmental safety assessment of surfactants. 1995 , 14, 337-343	6
1612	Mineralization of polycyclic and N-heterocyclic aromatic compounds in hydrocarbon-contaminated soils. 1995 , 14, 375-382	53
1611	Check studies with <i>Hyalella azteca</i> and <i>Chironomus tentans</i> in support of the development of a sediment quality criterion for dieldrin. 1995 , 14, 435-443	35
1610	Pilot scale validation of the river/fish bioaccumulation modeling program for nonpolar hydrophobic organic compounds using the model compounds 2,3,7,8-TCDD and 2,3,7,8-TCDF. 1995 , 14, 1999-2012	4
1609	A study of interactions between soil fractions and PAH compounds in thermal desorption of contaminated soils. 1995 , 73, 844-853	8
1608	Modelling the accumulation of hydrophobic organic chemicals in earthworms : Application of the equilibrium partitioning theory. 1995 , 2, 5-15	67
1607	Compound dependence of the relationship $\log K_{ow}$ and $\log BCF_L$: A comparison between chlorobenzenes (CBs) for rainbow trout and polycyclic aromatic hydrocarbons (PAHs) for <i>Daphnia</i> . 1995 , 2, 33-6	12
1606	Adsorption Characteristics of Atrazine and Alachlor in Kansas Soils. 1995 , 43, 461-466	35
1605	Transport of colloidal materials in ground water. 1995 , 361-375	
1604	REFERENCES. 1995 , 237-257	
1603	Experimental Studies on Behaviour of 1,1,1-Trichloroethylene in Saturated Media.. 1995 , 18, 290-296	

1602	Risk Assessment Approach to Evaluating Potential Remedial Actions at the Diemerzeedijk Hazardous Waste Site. 1995 , 12, 1-14		
1601	Kinetics of Accumulation and Elimination of Isomeric Hexachlorocyclohexanes by Tubificids. 1995 , 4, 131-138		11
1600	Modeling of NOM-Facilitated PAH Transport through Low-focSediment. 1995 , 121, 438-446		17
1599	Interaction of Humic Substances with Organic Pollutants and its Influence on the Concentration of these Pollutants from Water. 1995 , 4, 211-218		2
1598	Surfactant Solubilization of Phenanthrene in Soil-Aqueous Systems and Its Effects on Biomineralization. 1995 , 339-361		8
1597	Contribution of various molecular forces to sorption of nonionic organic compounds on natural soils. 1995 , 51, 145-152		1
1596	Effect of triton x-100 on the rate of trichloroethene desorption from soil to water. <i>Environmental Science & Technology</i> , 1995 , 29, 1069-80	10.3	85
1595	Uptake of PCBs in Fish in a Contaminated River System: Bioconcentration Factors Measured in the Field. <i>Environmental Science & Technology</i> , 1995 , 29, 2010-5	10.3	77
1594	Tefluthrin Sorption to Mineral Particles: Role of Particle Organic Coatings. 1995 , 58, 275-285		14
1593	Partition of nonpolar organic pollutants from water to soil and sediment organic matters. <i>Environmental Science & Technology</i> , 1995 , 29, 1401-6	10.3	206
1592	Isotherm nonlinearity and nonequilibrium sorption effects on transport of fenuron and monuron in soil columns. <i>Environmental Science & Technology</i> , 1995 , 29, 1000-7	10.3	42
1591	Influence of the nature of particulate organic matter on the sorption of cypermethrin: implications on KOC correlations. 1995 , 21, 187-195		23
1590	Modelling equilibrium concentrations of microcontaminants in organisms of the Rhine delta: Can average field residues in the aquatic foodchain be predicted from laboratory accumulation?. 1995 , 31, 1-25		36
1589	Evaluation of microsomal and cytosolic biomarkers in a seven-day larval trout sediment toxicity test. 1995 , 31, 189-202		22
1588	Agricultural inputs of mecoprop to a salt marsh system: Its fate and distribution within the sediment profile. <i>Marine Pollution Bulletin</i> , 1995 , 30, 803-811	6.7	7
1587	Partition of synthetic pyrethroid insecticides between dissolved and particulate phases. <i>Water Research</i> , 1995 , 29, 1023-1031	12.5	72
1586	Application of the characteristic root index model to the estimation of N-octanol/water partition coefficients. polychlorinated biphenyls. <i>Chemosphere</i> , 1995 , 30, 39-50	8.4	13
1585	Adsorption of fluoranthene on soil and lava: Effects of the organic carbon contents of adsorbents and temperature. <i>Chemosphere</i> , 1995 , 30, 141-150	8.4	23

1584	Effects of linear alkylbenzene sulfonate (LAS) on the adsorption behaviour of phenanthrene on soils. <i>Chemosphere</i> , 1995 , 30, 313-325	8.4	25
1583	Source of organotin at a marine water/sediment interface [A field study. <i>Chemosphere</i> , 1995 , 30, 831-845	8.4	33
1582	HPLC-screening method for the determination of the adsorption-coefficient on soil [results of a ring-test. <i>Chemosphere</i> , 1995 , 30, 1373-1384	8.4	17
1581	Partitioning of hydrochlorinated pesticides to chitin in seawater: Use of a radial-diffusion model to describe apparent desorption hysteresis. <i>Chemosphere</i> , 1995 , 30, 1477-1487	8.4	8
1580	Examination of silica-salicylic acid and silica-8-hydroxyquinoline HPLC stationary phases for estimation of the adsorption coefficient of soil for some aromatic hydrocarbons. <i>Chemosphere</i> , 1995 , 30, 1717-1727	8.4	10
1579	Partition coefficients of organochlorine pesticides on soil and on the dissolved organic matter in water. <i>Chemosphere</i> , 1995 , 30, 2259-2266	8.4	32
1578	The effects of sediment contact time on Koc of nonpolar organic contaminants. <i>Chemosphere</i> , 1995 , 31, 3465-3473	8.4	11
1577	Hydrophobic coefficients of s-triazine and phenylurea herbicides. <i>Chemosphere</i> , 1995 , 31, 3951-3959	8.4	25
1576	Generator column determination of aqueous solubilities for non-ortho and mono-ortho substituted polychlorinated biphenyls. <i>Chemosphere</i> , 1995 , 31, 4549-57	8.4	15
1575	QSAR modelling of soil sorption. Improvements and systematics of log KOC vs. log KOW correlations. <i>Chemosphere</i> , 1995 , 31, 4489-4514	8.4	334
1574	Effects on marine organisms from polycyclic aromatic hydrocarbons (PAH) and other constituents of waste water from aluminium smelters with examples from Norway. <i>Science of the Total Environment</i> , 1995 , 163, 107-122	10.2	26
1573	Bioaccumulation of polycyclic aromatic hydrocarbons by marine organisms. 1995 , 143, 79-165		248
1572	Sorption of nonionic organic compounds in soil-water systems containing a micelle-forming surfactant. <i>Environmental Science & Technology</i> , 1995 , 29, 903-13	10.3	156
1571	Behaviour of Organic Micropollutants During Groundwater Recharge. 1995 , 58, 185-198		5
1570	Adsorption and Desorption of the Herbicide Thiazafuron as A Function of Soil Properties. 1995 , 58, 305-314		17
1569	Colloid-facilitated contaminant transport in discretely fractured porous media: 2. Fracture network examples. 1995 , 31, 2961-2969		21
1568	Transport of colloidal materials in ground water. 1995 , 361-375		
1567	Specific Adsorption of Nitroaromatic Explosives and Pesticides to Clay Minerals. <i>Environmental Science & Technology</i> , 1996 , 30, 612-622	10.3	338

1566	Enrichment of Marine Sediment Colloids with Polychlorinated Biphenyls: Trends Resulting from PCB Solubility and Chlorination. <i>Environmental Science & Technology</i> , 1996 , 30, 2556-2566	10.3	50
1565	Interaction of Humic Substances and Soil Clays. 1996 , 595-624		12
1564	AUTOLOGP Versus Neural Network Estimation of n-Octanol/Water Partition Coefficients. 1996 , 47-63		1
1563	The effect of sorption on phenanthrene bioavailability. 1996 , 51, 227-234		37
1562	Effective Dispersion of a Solute Cloud in a Chemically Heterogeneous Porous Medium: Comparison of Two Ensemble-Averaging Procedures. 1996 , 32, 3311-3319		10
1561	Grain-Size Distribution of Polychlorobiphenyls in Coastal Sediments. <i>Environmental Science & Technology</i> , 1996 , 30, 2776-2783	10.3	98
1560	Sorption of Chlorophenols to Wood Pulp. <i>Environmental Science & Technology</i> , 1996 , 30, 1961-1969	10.3	45
1559	Adsorption of Catechols, 2-Aminophenols, and 1,2-Phenylenediamines at the Metal (Hydr)Oxide/Water Interface: Effect of Ring Substituents on the Adsorption onto TiO ₂ . <i>Environmental Science & Technology</i> , 1996 , 30, 1604-1613	10.3	110
1558	A Distributed Reactivity Model for Sorption by Soils and Sediments. 4. Intraparticle Heterogeneity and Phase-Distribution Relationships under Nonequilibrium Conditions. <i>Environmental Science & Technology</i> , 1996 , 30, 881-888	10.3	324
1557	Atrazine Sorption by a Mineral Soil: Effects of Soil Size Fractions and Temperature. 1996 , 44, 3680-3684		23
1556	Predicting Soil/Water Partition Coefficients for Cadmium. <i>Environmental Science & Technology</i> , 1996 , 30, 3418-3424	10.3	129
1555	Gas-Phase Transport and Sorption of Benzene in Soil. <i>Environmental Science & Technology</i> , 1996 , 30, 2178-2186	10.3	17
1554	Temperature-Dependent Sorption of Naphthalene, Phenanthrene, and Pyrene to Low Organic Carbon Aquifer Sediments. <i>Environmental Science & Technology</i> , 1996 , 30, 751-760	10.3	105
1553	Sorption of Phenanthrene from Water onto Alumina Coated with Dianionic Surfactants. <i>Environmental Science & Technology</i> , 1996 , 30, 2906-2913	10.3	38
1552	Model for Microbial Degradation of Nonpolar Organic Contaminants in a Soil Slurry Reactor. <i>Environmental Science & Technology</i> , 1996 , 30, 779-786	10.3	25
1551	Reactions of Polynuclear Aromatic Hydrocarbons on Soil. <i>Environmental Science & Technology</i> , 1996 , 30, 1145-1151	10.3	70
1550	PCB and PAH Dynamics in a Small Rural Lake. <i>Environmental Science & Technology</i> , 1996 , 30, 2958-2966	10.3	50
1549	Development of a Surrogate Sediment To Study the Mechanisms Responsible for Adsorption/Desorption Hysteresis. <i>Environmental Science & Technology</i> , 1996 , 30, 2278-2285	10.3	24

1548	Comment on Adsorption of CO ₂ and N ₂ on Soil Organic Matter: Nature of Porosity, Surface Area, and Diffusion Mechanism <i>Environmental Science & Technology</i> , 1996 , 30, 3634-3635	10.3	6
1547	PCBs in Lake Michigan Water Revisited. <i>Environmental Science & Technology</i> , 1996 , 30, 1429-1436	10.3	89
1546	Pesticide sorption by allophanic and non-allophanic soils of New Zealand. 1996 , 39, 297-310		59
1545	Effect of temperature on sorption equilibrium and sorption kinetics of organic micropollutants - a review. <i>Chemosphere</i> , 1996 , 32, 609-626	8.4	133
1544	Adsorption of linear alkylbenzene sulfonate (LAS) on soils. <i>Chemosphere</i> , 1996 , 32, 827-839	8.4	62
1543	Distribution of organic carbon and organic xenobiotics among different particle-size fractions in sediments. <i>Chemosphere</i> , 1996 , 32, 1063-1076	8.4	58
1542	Environmental hazard assessment of chemicals and products. Part VII. A critical survey of exposure data requirements and testing methods. <i>Chemosphere</i> , 1996 , 33, 1101-1117	8.4	1
1541	Selection of priority properties to assess environmental hazard of pesticides. <i>Chemosphere</i> , 1996 , 33, 1543-1562	8.4	74
1540	Evaluation of the partitioning of hydrophobic pollutants between aquatic and solid phases in natural systems. <i>Science of the Total Environment</i> , 1996 , 177, 1-7	10.2	18
1539	Total PCBs in Liverpool Bay sediments. 1996 , 41, 241-263		34
1538	NOAEM (natural organic anion equilibrium model): a data analysis algorithm for determining functional properties of dissolved organic matter in aqueous environments: Part II. Organic chemical association. 1996 , 24, 71-82		1
1537	Eutrophication increases the association of PCB to dissolved organic matter in marine microcosms. <i>Marine Pollution Bulletin</i> , 1996 , 33, 100-111	6.7	13
1536	Interactions between eutrophication and contaminants. I. Principles, experimental design and synthesis. <i>Marine Pollution Bulletin</i> , 1996 , 33, 64-70	6.7	17
1535	Bottom sediments of the Arabian Gulf--II. TPH and TOC contents as indicators of oil pollution and implications for the effect and fate of the Kuwait oil slick. 1996 , 93, 271-84		59
1534	Patterns of Mass Sedimentation and of Deposition of Sediment Contaminated by PCBs in Green Bay. 1996 , 22, 444-462		25
1533	Mobility of 2,2[5,5]Tetrachlorobiphenyl in Model Systems Containing Bottom Sediments and Water from the Lower Fox River, Wisconsin. 1996 , 22, 697-706		3
1532	Organic Cosolvent Effects on Sorption Equilibrium of Hydrophobic Organic Chemicals by Organoclays. <i>Environmental Science & Technology</i> , 1996 , 30, 89-96	10.3	70
1531	Partitioning of Polynuclear Aromatic Hydrocarbons between Sediments from San Francisco Bay and Their Porewaters. <i>Environmental Science & Technology</i> , 1996 , 30, 2942-2947	10.3	138

1530	Significance of Bacteria in Marine Waters for the Distribution of Hydrophobic Organic Contaminants. <i>Environmental Science & Technology</i> , 1996 , 30, 1238-1241	10.3	31
1529	Comparison of the in Situ and Desorption Sediment-Water Partitioning of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls. <i>Environmental Science & Technology</i> , 1996 , 30, 172-177	10.3	186
1528	Effects of dissolved organic matters on chemical transportation mechanisms of polycyclic aromatic hydrocarbons in marine environment.		
1527	Sediment Quality Assessment: Chemical and Biological Approaches. 1996 , 1-35		9
1526	Interaction of Pesticides with River Sediments and Characterization of Organic Matter of the Sediments. 1996 , 51-89		5
1525	Partitioning Behaviour of Phenols Between Water and Hydrophilic/Hydrophobic Interfaces. 1996 , 91-113		1
1524	Microbial sensors for naphthalene using <i>Sphingomonas</i> sp. B1 or <i>Pseudomonas fluorescens</i> WW4. 1996 , 45, 844-850		16
1523	Characteristics of earthworm casts affecting herbicide sorption and movement. 1996 , 22, 367-372		23
1522	Sorption and desorption characteristics of chlordane onto sediments. 1996 , 31, 43-58		7
1521	Bioavailability and toxicokinetics of hydrophobic aromatic compounds in benthic and terrestrial invertebrates. 1996 , 4, 276-299		117
1520	Behavior of fresh vs. aged chemicals in soil. 1996 , 5, 361-383		70
1519	Influence of Submicron Particles on Hydrophobic Organic Contaminants in Precipitation. 1. Concentrations and Distributions of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls in Rainwater. <i>Environmental Science & Technology</i> , 1996 , 30, 341-348	10.3	85
1518	Variations and Sources of TCP(Tricresyl Phosphate) Isomers in the Kurose River Basin in Higashi-Hiroshima City.. 1996 , 19, 986-994		3
1517	Removal of Phenol from Aqueous Solution by Adsorption on to Coal Fly Ash. 1996 , 13, 527-536		15
1516	Exchange of polychlorinated biphenyls between sediment and water in the Hudson River estuary. 1996 , 19, 950		56
1515	The sorption of 2-methylnaphthalene by Rossburg Soil in the absence and presence of a nonionic surfactant. 1996 , 22, 83-94		12
1514	Non-linear chlorinated-solvent sorption in four aquitards. 1996 , 22, 203-221		46
1513	Defining the air sparging radius of influence for groundwater remediation. 1996 , 24, 25-52		55

1512	Retardation factors and breakthrough times of organic micropollutants in groundwater recharged with effluents. 1996 , 33, 391		1
1511	Surfactant solubilization of hydrophobic compounds in soil and water : II. The role of dodecylsulphate-soil interactions for hexachlorobenzene. 1996 , 3, 183-8		5
1510	The prediction of soil sorption coefficients of heterocyclic nitrogen compounds by octanol/water partition coefficient, water solubility, and by molecular connectivity indices. 1996 , 56, 711-6		10
1509	Runoff losses of surface-applied metribuzin as influenced by yard waste compost amendments, no-tillage, and conventional-tillage. 1996 , 57, 536-43		9
1508	Fate and transport of pcbs at the new bedford harbor superfund site. 1996 , 15, 736-745		13
1507	Predicting soil sorption coefficients of organic chemicals using a neural network model. 1996 , 15, 1089-1096		19
1506	Comparing the presence, potency, and potential hazard of genotoxins extracted from a broad range of industrial effluents. 1996 , 27, 116-39		48
1505	Sorption of organic genotoxins to particulate matter in industrial effluents. 1996 , 27, 140-51		27
1504	Hyphenated techniques for characterizing coal wastewaters and associated sediments. 1996 , 750, 287-301		21
1503	Volatilisation of aromatic hydrocarbons from soil: Part I, fluxes from coal tar contaminated surface soils. <i>Water, Air, and Soil Pollution</i> , 1996 , 89, 129-146	2.6	8
1502	Monitoring and estimating concentrations of polychlorinated biphenyls, dioxins, and furans in cattle milk and soils of Rhine-Delta floodplains. 1996 , 31, 263-70		11
1501	Enhanced Organic Contaminant Sorption on Soil Treated with Cationic Surfactants. 1996 , 34, 734-744		48
1500	Risk Variability Due to Uniform Soil Remediation Goals. 1996 , 122, 612-621		8
1499	A risk-based protocol to develop acceptable concentrations of bioaccumulative organic chemicals in sediments for the protection of piscivorous wildlife. 1996 , 54, 243-259		8
1498	Partitioning of chlorobenzenes between suspended particulates and water in coastal waters. 1996 , 31, 887-903		
1497	Effect of soil loading on dermal absorption efficiency from contaminated soils. 1996 , 48, 93-106		22
1496	Transport and fate of organic contaminants in the subsurface. 1996 , 95-124		2
1495	A DISCRETE BLOB MODEL OF CONTAMINANT TRANSPORT IN GROUNDWATER WITH TRAPPED NON-AQUEOUS PHASE LIQUIDS. 1996 , 154, 33-57		1

1494	A Model to Predict the TCLP Leaching of Solidified Organic Wastes. 1996 , 13, 333-350		1
1493	Assessing the fate of polynuclear aromatic hydrocarbons from oily waste land spreading by modelling. 1996 , 23, 211-217		1
1492	ATSDR evaluation of health effects of chemicals. IV. Polycyclic aromatic hydrocarbons (PAHs): understanding a complex problem. 1996 , 12, 742-971		102
1491	Laboratory investigations into designated high-attenuation landfill liners. 1996 , 11, 159-164		1
1490	Bayesian Model for Fate and Transport of Polychlorinated Biphenyl in Upper Hudson River. 1996 , 122, 341-349		10
1489	Effect of Sorption on Biodegradation of Soil Pollutants. 1996 , 1-56		28
1488	Aquatic colloids: Concepts, definitions, and current challenges. 1997 , 42, 519-528		198
1487	The importance of natural organic material for environmental processes in waters and soils (Technical Report). 1997 , 69, 1571-1600		104
1486	Influence of the Polarity of Organic Matter on the Sorption of Acetamide Pesticides. 1997 , 45, 3320-3325		38
1485	Zur statistischen Abhängigkeit der Adsorption verschiedener Herbizidwirkstoffe vom Anteil der organischen Substanz in Böden. 1997 , 160, 361-368		4
1484	Determination of K_{ow} of Substituted Polycyclic Aromatic Compounds. 1997 , 12, 187-200		3
1483	Effect of Sedimentary Organic Matter Composition on the Partitioning and Bioavailability of Dieldrin to the Oligochaete <i>Lumbricus variegatus</i> . <i>Environmental Science & Technology</i> , 1997 , 31, 2577-2583	10.3	31
1482	Paramagnetic Relaxation of Atrazine Solubilized by Humic Micellar Solutions. <i>Environmental Science & Technology</i> , 1997 , 31, 3204-3208	10.3	45
1481	In situ evaluation of options for chemical treatment of hepatotoxic cyanobacterial blooms. 1997 , 54, 1736-1742		11
1480	Feasibility Study on Salting-in of Organic Pollutants To Enhance the Effectiveness of Ex-Situ Soil Washing. 1997 , 36, 2435-2439		2
1479	Sorption of Organic Compounds in the Aqueous Phase onto Tire Rubber. 1997 , 123, 827-835		37
1478	A Distributed Reactivity Model for Sorption by Soils and Sediments. 9. General Isotherm Nonlinearity and Applicability of the Dual Reactive Domain Model. <i>Environmental Science & Technology</i> , 1997 , 31, 1703-1710	10.3	253
1477	pH-Dependent Sorption of Chlorinated Guaiacols on Estuarine Sediments: The Effects of Humic Acids and TOC. <i>Environmental Science & Technology</i> , 1997 , 31, 188-193	10.3	20

1476	Effects of Temperature on Trichloroethylene Desorption from Silica Gel and Natural Sediments. 1. Isotherms. <i>Environmental Science & Technology</i> , 1997 , 31, 689-696	10.3	47
1475	Desorption and Mineralization Kinetics of Phenanthrene and Chrysene in Contaminated Soils. <i>Environmental Science & Technology</i> , 1997 , 31, 126-132	10.3	146
1474	Solid Phase Microextraction for Determining the Distribution of Chemicals in Aqueous Matrices. 1997 , 69, 597-600		203
1473	Sequestration of Hydrophobic Organic Contaminants by Geosorbents. <i>Environmental Science & Technology</i> , 1997 , 31, 3341-3347	10.3	853
1472	Irreversible Adsorption of Naphthalene and Tetrachlorobiphenyl to Lula and Surrogate Sediments. <i>Environmental Science & Technology</i> , 1997 , 31, 2176-2185	10.3	127
1471	Thermodynamic Considerations in the Sorption of Organic Contaminants by Soils and Sediments. 1. The Isothermic Heat Approach and Its Application to Model Inorganic Sorbents. <i>Environmental Science & Technology</i> , 1997 , 31, 3238-3243	10.3	45
1470	Estimating Sorption Rates of Hydrophobic Organic Compounds in Iron Oxide- and Aluminosilicate Clay-Coated Aquifer Sands. <i>Environmental Science & Technology</i> , 1997 , 31, 105-113	10.3	48
1469	Feasibility study of surfactant use for remediation of organic and metal contaminated soils. 1997 , 6, 537-556		12
1468	Noninvasive Confocal Raman Imaging of Immiscible Liquids in a Porous Medium. 1997 , 69, 45-50		12
1467	Modeling Nonpoint Source Pollutants in the Vadose Zone with GIS. <i>Environmental Science & Technology</i> , 1997 , 31, 2157-2175	10.3	103
1466	Integrated Approach to Environmental Data Management Systems. 1997 ,		5
1465	Quantification of the Dilute Sedimentary Soot Phase: Implications for PAH Speciation and Bioavailability. <i>Environmental Science & Technology</i> , 1997 , 31, 203-209	10.3	822
1464	Molecular Size Based Approach To Estimate Partition Properties for Organic Solutes. 1997 , 101, 3404-3412		86
1463	Polychlorinated Biphenyls as Probes of Biogeochemical Processes in Rivers. 1997 , 382-397		
1462	Benzo(a)pyrene and Hexachlorobiphenyl Contaminated Soil: Phytoremediation Potential. 1997 , 200-222		11
1461	Sorption of Nonionic, Hydrophobic Organic Chemicals to Mineral Surfaces. <i>Environmental Science & Technology</i> , 1997 , 31, 1079-1086	10.3	176
1460	Genotoxicity assessment of suspended particulate matter in the Elbe river: comparison of Salmonella microsome test, arabinose resistance test, and umu-test. 1997 , 394, 81-93		56
1459	Sorption of polychlorinated biphenyls by north sea sediments. 1997 , 37, 49-66		12

1458	Organic carbon normalisation of PCB, PAH and pesticide concentrations in suspended solids. <i>Water Research</i> , 1997 , 31, 461-470	12.5	42
1457	Sorption of two polar herbicides in soils and soil clays suspensions. <i>Water Research</i> , 1997 , 31, 1309-1316	12.5	53
1456	PCBs and PAHs in the Montreal Urban Community (Quebec, Canada) wastewater treatment plant and in the effluent plume in the St Lawrence River. <i>Water Research</i> , 1997 , 31, 1887-1896	12.5	109
1455	Specific interactions of organic compounds with soil organic carbon. <i>Chemosphere</i> , 1997 , 34, 1761-1776	8.4	61
1454	Alternatives for the determination of the soil adsorption coefficient, KOC, of non-ionic organic compounds: a review. <i>Chemosphere</i> , 1997 , 34, 2525-2551	8.4	109
1453	Release and retention of selected polycyclic aromatic hydrocarbons (PAH) and their methylated derivatives by the common mussel (<i>Mytilus edulis</i>) in the brackish water of the Baltic Sea. <i>Chemosphere</i> , 1997 , 35, 487-502	8.4	13
1452	On the influence of the polarity index of organic matter in predicting environmental sorption of chemicals. <i>Chemosphere</i> , 1997 , 35, 761-773	8.4	11
1451	Polychlorinated biphenyl sorption by soils: Measurement of soil-water partition coefficients at equilibrium. <i>Chemosphere</i> , 1997 , 35, 2007-2025	8.4	24
1450	Determination and estimation of the sorption of benzaldehydes on soil. <i>Chemosphere</i> , 1997 , 35, 2707-2712	8.4	5
1449	Enrichment of PAHs and heavy metals in soils in the vicinity of the lignite-fired power plants of West Macedonia (Greece). <i>Science of the Total Environment</i> , 1997 , 204, 135-146	10.2	67
1448	The effect of oil-water-rock partitioning on the occurrence of alkylphenols in petroleum systems. 1997 , 61, 1899-1910		65
1447	Impact of PAH outlets from an oil refinery on the receiving water area: Sediment trap fluxes and multivariate statistical analysis. <i>Marine Pollution Bulletin</i> , 1997 , 34, 85-95	6.7	24
1446	Polyaromatic hydrocarbon (PAH) distributions in the Seine River and its estuary. <i>Marine Pollution Bulletin</i> , 1997 , 34, 857-867	6.7	282
1445	Temperature Dependence of Octanol/Water Partition Coefficient for Selected Chlorobenzenes. 1997 , 42, 685-688		46
1444	Multi-phase partitioning and co-solvent effects for polynuclear aromatic hydrocarbons (pah) in authentic petroleum- and creosote-contaminated soils. 1997 , 98, 239-252		30
1443	Organic Carbon Dominated Trichloroethene Sorption in a Clay-Rich Glacial Deposit. 1997 , 35, 124-130		26
1442	Diffusive Loss of Non-Aqueous Phase Organic Solvents from Idealized Fracture Networks in Geologic Media. 1997 , 35, 1077-1088		56
1441	An Algorithm for the Estimation of NAPL Saturation and Composition from Typical Soil Chemical Analyses. 1997 , 17, 122-129		15

1440	Diffusion and sorption of water vapor and benzene within a dry model soil organic matter. 1997 , 35, 131	5
1439	The effect of resuspension on chemical exchanges at the sediment-water interface in the deep sea: A modelling and natural radiotracer approach. 1997 , 11, 305-342	42
1438	Evaluation of Soil Organic Matter Polarity by Pyrene Fluorescence Spectrum Variations. <i>Environmental Science & Technology</i> , 1997 , 31, 2701-2706	10.3 32
1437	Complexation and flocculation: A New Method To Determine Binding Coefficients of Organic Contaminants to Dissolved Humic Substances. <i>Environmental Science & Technology</i> , 1997 , 31, 3558-3564	10.3 65
1436	Sorption of benzothiophene on marine sediments. 1997 , 15, 350-356	4
1435	Mobilität von Nitroaromaten im Sandstein infolge Schwefelüberschuss zur Uranlaugung. 1997 , 9, 333-338	
1434	Stoffströme von Benzol unter besonderer Berücksichtigung der Bundesrepublik Deutschland. 1997 , 9, 369-384	1
1433	Influence of storage on sediment characteristics and of drying sediment on sorption coefficients of organic contaminants. 1997 , 58, 961-8	7
1432	Sorptionsverhalten organischer Schadstoffe in heterogenem Aquifermaterial am Beispiel des Phenanthrens. 1997 , 2, 133-138	5
1431	Geprägung des Grundwassers durch Freisetzung organischer Schadstoffe: Methoden zur Berechnung der in-situ-Schadstoffkonzentrationen. 1997 , 2, 157-166	5
1430	Organic pollutants in the coastal marine environment off San Diego, California. 3. Using linear alkylbenzenes to trace sewage-derived organic materials. 1997 , 16, 196-201	34
1429	Polynuclear aromatic hydrocarbon metabolism in soils: Relationship to soil characteristics and preexposure. 1997 , 16, 666-675	82
1428	The bioaccumulation of polynuclear aromatic hydrocarbons by benthic invertebrates in an intertidal marsh. 1997 , 16, 1087-1097	42
1427	Desorption kinetics of chlorobenzenes, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls: Sediment extraction with Tenax and effects of contact time and solute hydrophobicity. 1997 , 16, 1351-1357	309
1426	Desorption of chlorinated organic compounds from a contaminated estuarine sediment. 1997 , 16, 1598-1605	24
1425	Effects of simulated solar radiation on the bioaccumulation of polycyclic aromatic hydrocarbons by the duckweed <i>Lemna gibba</i> . 1997 , 16, 1739-1748	85
1424	Adsorption of Dibenzothiophene on Marine Sediments Treated by a Sequential Procedure. 1997 , 192, 398-407	33
1423	The effect of selenium and organic material in lake sediments on the bioaccumulation of methylmercury by <i>Lumbriculus variegatus</i> (oligochaeta). 1998 , 40, 267-278	15

1422	Pesticide distribution and movement. 1998 , 11, 69-76	4
1421	Polycyclic Aromatic Hydrocarbons in Freshwater Isopods and Field-Partitioning Between Abiotic Phases. 1998 , 35, 257-67	34
1420	Mobilization and Co-Transport of Pyrene in the Presence of <i>Pseudomonas aeruginosa</i> UG2 Biosurfactants in Sandy Soil Columns. 1998 , 18, 139-147	13
1419	Modeling and Remediation of Ground Water Contamination at the Engelse Werk Wellfield. 1998 , 18, 114-124	2
1418	Estimating the retardation coefficient of trichloroethene for a sand aquifer low in sediment organic carbon— comparison of methods. 1998 , 30, 157-178	40
1417	Sorption of 1,2,4-trichlorobenzene and tetrachloroethene within an authigenic soil profile: Changes in Koc with soil depth. 1998 , 29, 347-377	16
1416	Simulation of reactive processes related to biodegradation in aquifers. 1998 , 31, 167-186	139
1415	Sorption kinetics of PAHs in methanol/water systems. 1998 , 34, 107-120	17
1414	Physicochemical properties of polycyclic aromatic hydrocarbons: Aqueous solubilities, n-octanol/water partition coefficients, and Henry's law constants. 1998 , 17, 251-257	125
1413	Genotoxic substances in the St. Lawrence system I: Industrial genotoxins sorbed to particulate matter in the St. Lawrence, St. Maurice, and Saguenay rivers, Canada. 1998 , 17, 286-303	3
1412	Bioaccumulation of polychlorinated biphenyls from sediments to aquatic insects and tree swallow eggs and nestlings in Saginaw Bay, Michigan, USA. 1998 , 17, 484-492	39
1411	Partitioning and mineralization of [¹⁴ C]lindane in a laboratory sediment/water system. 1998 , 17, 662-669	14
1410	In vitro digestive fluid extraction as a measure of the bioavailability of sediment-associated polycyclic aromatic hydrocarbons: Sources of variation and implications for partitioning models. 1998 , 17, 820-829	65
1409	Calibrating the uptake kinetics of semipermeable membrane devices using exposure standards. 1998 , 17, 1236-1245	248
1408	Evaluation of log KOW and tissue lipid content as predictors of chemical partitioning to fish tissues. 1998 , 17, 1447-1455	74
1407	Accumulation of metals, polycyclic (halogenated) aromatic hydrocarbons, and biocides in zebra mussel and eel from the rhine and meuse rivers. 1998 , 17, 1885-1898	67
1406	Sorption coefficients of polycyclic aromatic hydrocarbons for two lake sediments: Influence of the bactericide sodium azide. 1998 , 17, 1899-1907	22
1405	Investigation of naphthalene sorption in soils and soil fractions using batch and column assays. 1998 , 17, 2383-2390	22

1404	The lipophilic behaviour of organic compounds:2. The development of an aliphatic hydrocarbon/water fragmental system via interconnection with octanol-water partitioning data. 1998 , 17, 537-548	8
1403	The migration, dissolution, and fate of chlorinated solvents in the urbanized alluvial valleys of the southwestern USA. 1998 , 6, 144-155	25
1402	Einschätzung der Konzentrationsprofile polyzyklischer aromatischer Kohlenwasserstoffe (PAK) in Böden des Biosphärenreservates Spreewald. 1998 , 10, 326-332	3
1401	RESEARCH: Physicochemical Characteristics and Pollution Indicators in the Intertidal Zone of Kuwait: Implications for Benthic Ecology. 1998 , 22, 415-24	12
1400	Partitioning of chemicals—Important factors in exposure assessment of offshore discharges. 1998 , 13, 529-537	8
1399	Mechanisms controlling toluene removal from saturated soils during in situ air sparging. 1998 , 57, 209-230	21
1398	Chlorobiphenyls (PCB) and PAHs in water masses of the northern North Atlantic. 1998 , 61, 101-114	84
1397	Multiphase flow and transport modeling in heterogeneous porous media: challenges and approaches. 1998 , 21, 77-120	225
1396	Sub-Sampling Technique for the Determination of Particulate-Phase Organic Carbon in Water. 1998 , 24, 838-844	2
1395	A review of processes involved in the exchange of persistent organic pollutants across the air/sea interface. 1998 , 102, 3-23	76
1394	The status of oil pollution in the Arabian Gulf by the end of 1993. 1998 , 24, 11-22	45
1393	Experimental study of octanol/water partition coefficients for 2,4,6-trichlorophenol and pentachlorophenol: Derivation of an empirical model of chlorophenol partitioning behaviour. 1998 , 13, 893-904	23
1392	Volatile organic compounds in the surface waters of a British estuary. Part 2. Fate processes. <i>Water Research</i> , 1998 , 32, 371-379	12.5 11
1391	Sorption of pesticides in the sediment of the Teufelsweiher pond (Southern Germany). I: Equilibrium assessments, effect of organic carbon content and pH. <i>Water Research</i> , 1998 , 32, 1662-1672	12.5 130
1390	Phenanthrene binding and sorption to dissolved and to mineral-associated humic acid. <i>Water Research</i> , 1998 , 32, 1923-1931	12.5 102
1389	Influence of carrier and bactericide on sorption coefficients of hydrophobic organic compounds for two lake sediments. <i>Water Research</i> , 1998 , 32, 3134-3142	12.5 7
1388	The distribution and environmental relationships of polycyclic aromatic hydrocarbons (PAHs) in sediments from Norwegian smelter-affected fjords. <i>Chemosphere</i> , 1998 , 36, 561-576	8.4 31
1387	Organic trace compounds in the water of the River Elbe near Hamburg. Part I. <i>Chemosphere</i> , 1998 , 36, 2085-101	8.4 14

1386	A comparison of colloid-contaminant C18-based isolation techniques using PCB contaminated humic substances and interstitial water. <i>Chemosphere</i> , 1998 , 36, 2549-2568	8.4	4
1385	Using Dissolved Humic Acid To Remove Hydrophobic Contaminants from Water by ComplexationFlocculation Process. <i>Environmental Science & Technology</i> , 1998 , 32, 981-986	10.3	89
1384	Sorption of Chromate and PCE by Surfactant-Modified Clay Minerals. 1998 , 15, 237-245		73
1383	Using ami hamiltonian in prediction of benzaldehydes sorption on soil. 1998 , 67, 471-479		
1382	Studies Estimating the Dermal Bioavailability of Polynuclear Aromatic Hydrocarbons from Manufactured Gas Plant Tar-Contaminated Soils. <i>Environmental Science & Technology</i> , 1998 , 32, 3113-3117 ¹⁹	10.3	119
1381	A Distributed Reactivity Model for Sorption by Soils and Sediments. 11. Slow Concentration-Dependent Sorption Rates. <i>Environmental Science & Technology</i> , 1998 , 32, 3549-3555 ^{10.3}	10.3	109
1380	Reduced Pyrene Bioavailability in Microbially Active Soils. <i>Environmental Science & Technology</i> , 1998 , 32, 501-508	10.3	105
1379	Comparison of Sample Preparation Methods for the Analysis of Volatile Organic Compounds in Soil Samples: Solvent Extraction vs Vapor Partitioning. <i>Environmental Science & Technology</i> , 1998 , 32, 143-149	10.3	39
1378	Deviations from Sorption Linearity on Soils of Polar and Nonpolar Organic Compounds at Low Relative Concentrations. <i>Environmental Science & Technology</i> , 1998 , 32, 338-343	10.3	244
1377	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Pore Water and Sediment of a Small Aquatic Ecosystem. 1998 , 69, 227-242		23
1376	A diffusion batch method for determination of the adsorption coefficient of benzene on clay soils. 1998 , 35, 622-629		3
1375	Partition Characteristics of Polycyclic Aromatic Hydrocarbons on Soils and Sediments. <i>Environmental Science & Technology</i> , 1998 , 32, 264-269	10.3	486
1374	Adsorption of Different VOC onto Soil Minerals from Gas Phase: Influence of Mineral, Type of VOC, and Air Humidity. <i>Environmental Science & Technology</i> , 1998 , 32, 1079-1084	10.3	78
1373	Understanding and estimating membrane/water partition coefficients: approaches to derive quantitative structure property relationships. 1998 , 11, 847-54		73
1372	Significance of porosity variability to transport in heterogeneous porous media. 1998 , 34, 2249-2259		16
1371	On field-scale dispersion of strongly sorbing solutes in soils. 1998 , 34, 2769-2773		8
1370	Partitioning of hydrophobic contaminants in the vadose zone in the presence of a nonaqueous phase. 1998 , 34, 2529-2537		9
1369	Sorption of Perchloroethylene by Surfactant-Modified Zeolite as Controlled by Surfactant Loading. <i>Environmental Science & Technology</i> , 1998 , 32, 2278-2282	10.3	149

1368	Irreversible Sorption of Neutral Hydrocarbons to Sediments: Experimental Observations and Model Predictions. <i>Environmental Science & Technology</i> , 1998 , 32, 892-902	10.3	181
1367	Sorption of three heterocyclic compounds and their hydrocarbon analogue from coal-tar contaminated water in a natural clayey till. 1998 , 14, 205-212		1
1366	References and suggested readings. 1998 , 653-691		
1365	Chemical and biological aspects of ecotoxicological risk assessment of ionizable and neutral organic compounds in fresh and marine waters: a review. 1998 , 6, 123-137		11
1364	An Automated Experimental Equipment for Studying the Fate of Organic Compounds in Landfills. 1998 , 71, 73-85		4
1363	ATSDR evaluation of health effects of chemicals. V. Xylenes: health effects, toxicokinetics, human exposure, and environmental fate. 1998 , 14, 571-781		8
1362	Soil and Aquifer Pollution. 1998 ,		6
1361	Migrations of Fines in Porous Media. 1998 ,		181
1360	Three-Dimensional Modeling of Multiphase Flow and Mass Transfer in Porous Media. 1998 , 257-273		
1359	Sorption of Semi-Volatile Organic Compounds by Bottom and Fly Ashes Using HPLC. 1998 , 16, 273-283		12
1358	References. 1998 ,		
1357	. 1998 ,		1
1356	MODELING SURFACE AND SUBSURFACE PESTICIDE TRANSPORT UNDER THREE FIELD CONDITIONS USING PRZM-3 AND GLEAMS. 1999 , 42, 1275-1288		11
1355	Biogeochemical cycling of PCBs in lakes of variable trophic status: A paired-lake experiment. 1999 , 44, 889-902		35
1354	Sorption of organic compounds to solid waste. 1999 , 17, 275-287		2
1353	Parameter Determination for Engineering Applications of Pneumatic Fracturing Analysis. 1999 , 3, 170-177		1
1352	The role of organic matter components in soil on partitioning of Chlorohydrocarbons. 1999 , 71, 289-307		5
1351	Stochastic Modeling of Exposure and Risk in a Contaminated Heterogeneous Aquifer. 2: Application of Latin Hypercube Sampling. 1999 , 16, 329-343		11

1350	Partitioning of higher molecular weight chlorohydrocarbons in a humic acid/water system. 1999 , 70, 129-147		1
1349	The influence of manure on movement of Atrazine through Soil. 1999 , 73, 153-162		1
1348	The Measurement and Interpretation of Sorption and Desorption Rates for Organic Compounds in Soil Media. 1999 , 69, 1-73		62
1347	Triphasic Desorption of Highly Resistant Chlorobenzenes, Polychlorinated Biphenyls, and Polycyclic Aromatic Hydrocarbons in Field Contaminated Sediment. <i>Environmental Science & Technology</i> , 1999 , 33, 126-132	10.3	97
1346	Geosorbent organic matter and its relationship to the binding and sequestration of organic contaminants. 1999 , 151, 167-179		49
1345	Mobilization of PAHs and PCBs from In-Place Contaminated Marine Sediments During Simulated Resuspension Events. 1999 , 49, 577-595		68
1344	DDT concentrations in surficial sediments of three estuarine systems in Portugal. 1999 , 33, 263-269		10
1343	Distribution and sources of polycyclic aromatic hydrocarbons in sediments from Kyeonggi Bay, Korea. <i>Marine Pollution Bulletin</i> , 1999 , 38, 7-15	6.7	184
1342	Sorption of heterocyclic compounds on natural clayey till. 1999 , 39, 183-200		28
1341	Sorption of heterocyclic compounds from a complex mixture of coal-tar compounds on natural clayey till. 1999 , 39, 201-226		14
1340	Sorption of trichloroethene onto stylolites. 1999 , 40, 1-23		6
1339	Phenanthrene sorption with heterogeneous organic matter in a landfill aquifer material. 1999 , 24, 535-541		16
1338	Nonlinear sorption of naphthalene and phenanthrene during saturated transport in natural porous media. 1999 , 24, 543-548		20
1337	Sorption of organic compounds to solid waste. 1999 , 17, 275-287		
1336	New testing apparatus for assessing interactive effects of suspended solids and chemical stressors on plankton invertebrates. 1999 , 18, 679-684		2
1335	Effects of organic enrichment and burrowing activity of the polychaete <i>Neries diversicolor</i> on the fate of tetrachlorobiphenyl in marine sediments. 1999 , 18, 1149-1156		38
1334	Long-term bioconcentration kinetics of hydrophobic chemicals in <i>Selenastrum capricornutum</i> and <i>Microcystis aeruginosa</i> . 1999 , 18, 1164-1172		18
1333	Influence of sediment-organic matter quality on growth and polychlorobiphenyl bioavailability in Echinodermata (<i>Amphiura filiformis</i>). 1999 , 18, 1534-1543		35

1332	Adsorption-desorption behaviors of hydrophobic organic compounds in sediments of Lake Charles, Louisiana, USA. 1999 , 18, 1610-1616		34
1331	Reevaluation of general partitioning model for sorption of hydrophobic organic contaminants by soil and sediment organic matter. 1999 , 18, 1617-1626		18
1330	On the linear driving force model for sorption kinetics of organic compounds on suspended sediment particle. 1999 , 18, 1679-1985		9
1329	Correlation between biological and physical availabilities of phenanthrene in soils and soil humin in aging experiments. 1999 , 18, 1720-1727		106
1328	Chemical and biological availability of sediment-sorbed hydrophobic organic contaminants. 1999 , 18, 1733-1741		117
1327	Bioavailability of labile and desorption-resistant phenanthrene sorbed to montmorillonite clay containing humic fractions. 1999 , 18, 2729-2735		33
1326	Assessment of toxicity and genotoxicity of hydrophobic organic compounds in wastewater. 1999 , 14, 241-247		11
1325	Einflußfaktoren auf die Freisetzung von DOC und AOX unter ehemaligen Abwasserversickerungsflößen. 1999 , 27, 157-163		1
1324	Organic Matter Facies and Equilibrium Sorption of Phenanthrene. <i>Environmental Science & Technology</i> , 1999 , 33, 1637-1644	10.3	199
1323	The relationship between adsorption of Cr(VI) and soil properties. 1999 , 34, 809-833		10
1322	The Influence of Varying Planktonic and Periphytic Algal Biomass On Exposure to Polychlorinated Biphenyls in Mesocosms. 1999 , 16, 95-117		2
1321	Empirical relationships between polychlorinated biphenyls in sediments and submerged rooted macrophytes. 1999 , 56, 1792-1800		6
1320	Sorption of pesticides to novel materials: snail pedal mucus and blackfly silk. 1999 , 105, 55-65		16
1319	Experimental study of 2,4,6-Trichlorophenol and pentachlorophenol solubilities in aqueous solutions: derivation of a speciation-based Chlorophenol solubility model. 1999 , 14, 319-331		41
1318	Historical Changes in PCB Patterns in Lake Ontario and Green Bay, Lake Michigan, 1971 to 1982, from Herring Gull Egg Monitoring Data. 1999 , 25, 220-233		20
1317	Importance of interstitial, overlying water and whole sediment exposures to bioaccumulation by marine bivalves. 1999 , 104, 373-382		20
1316	The solubility of toluene in aqueous salt solutions. 1999 , 48, 633-41		49
1315	pH-Dependent hydrophobicity of the cyanobacteria toxin microcystin-LR. <i>Water Research</i> , 1999 , 33, 677-689		150

1314	Mineralization of sorbed and NAPL-phase hexadecane by catalyzed hydrogen peroxide. <i>Water Research</i> , 1999 , 33, 1405-1414	12.5	64
1313	Evaluating the relationship between the sorption of PAHs to bacterial biomass and biodegradation. <i>Water Research</i> , 1999 , 33, 2535-2544	12.5	91
1312	1. Use of a novel laboratory stream system to study the ecological impact of PCB exposure in a periphytic biolayer. <i>Water Research</i> , 1999 , 33, 3735-3748	12.5	10
1311	2. The response of a laboratory stream system to PCB exposure: study of periphytic and sediment accumulation patterns. <i>Water Research</i> , 1999 , 33, 3749-3761	12.5	10
1310	Quantification of the dissolved organic matter effect on the sorption of hydrophobic organic pollutant: application of an overall mechanistic sorption model. <i>Chemosphere</i> , 1999 , 38, 807-21	8.4	33
1309	Binding of dialkylated disulfonated diphenyl oxide surfactant onto alumina in the aqueous phase. <i>Chemosphere</i> , 1999 , 38, 1-12	8.4	24
1308	Ratio of the concentration of anthraquinone to anthracene in coastal marine sediments. <i>Chemosphere</i> , 1999 , 38, 2415-30	8.4	33
1307	Estimation of organic carbon normalized sorption coefficient (K _{oc}) for soils by topological indices and polarity factors. <i>Chemosphere</i> , 1999 , 39, 2019-2034	8.4	13
1306	QSARs for KOW and KOC of PCB congeners: A critical examination of data, assumptions and statistical approaches. <i>Chemosphere</i> , 1999 , 39, 2209-2228	8.4	90
1305	PCP in the freshwater and marine environment of the European Union. <i>Science of the Total Environment</i> , 1999 , 236, 41-56	10.2	61
1304	The partition of fluoranthene and pyrene between suspended particles and dissolved phase in the Humber Estuary: a study of the controlling factors. <i>Science of the Total Environment</i> , 1999 , 243-244, 305-321	10.2	83
1303	Sorption, Transport, and Degradation of Quinoline in Unsaturated Soil. <i>Environmental Science & Technology</i> , 1999 , 33, 2891-2898	10.3	30
1302	Phenanthrene adsorption-desorption hysteresis in soil described using discrete-interval equilibrium models. 1999 , 35, 2043-2051		3
1301	Cyclodextrin-Enhanced In Situ Flushing of Multiple-Component Immiscible Organic Liquid Contamination at the Field Scale: Analysis of Dissolution Behavior. <i>Environmental Science & Technology</i> , 1999 , 33, 89-95	10.3	41
1300	Desorption of Pentachlorophenol from Soils Using Mixed Solvents. <i>Environmental Science & Technology</i> , 1999 , 33, 4483-4491	10.3	21
1299	Tricaprylin-Water Partition Coefficients and Their Temperature Dependence for Selected Chlorobenzenes. 1999 , 44, 40-43		7
1298	Colloid Characterization and Colloidal Phase Partitioning of Polycyclic Aromatic Hydrocarbons in Two Creosote-Contaminated Aquifers in Denmark. <i>Environmental Science & Technology</i> , 1999 , 33, 691-699	10.3	64
1297	Role of Reductants in the Enhanced Desorption and Transformation of Chloroaliphatic Compounds by Modified Fenton's Reactions. <i>Environmental Science & Technology</i> , 1999 , 33, 3432-3437	10.3	157

1296	Response to Comment on In Situ Measurements of Chlorinated Hydrocarbons in the Water Column off the Palos Verdes Peninsula, California. <i>Environmental Science & Technology</i> , 1999 , 33, 3929-3931	10.3	
1295	In Situ Measurements of Chlorinated Hydrocarbons in the Water Column off the Palos Verdes Peninsula, California. <i>Environmental Science & Technology</i> , 1999 , 33, 392-398	10.3	48
1294	Influence of Particle Surfaces on the Bioavailability to Different Species of 2,4-Dichlorophenol and Pentachlorophenol. <i>Environmental Science & Technology</i> , 1999 , 33, 2465-2468	10.3	19
1293	Sorption of Linear Alkylbenzenesulfonates on Sediment Materials. <i>Environmental Science & Technology</i> , 1999 , 33, 3110-3118	10.3	95
1292	Validation of a Hybrid Two-Site Gamma Model for Naphthalene Desorption Kinetics. <i>Environmental Science & Technology</i> , 1999 , 33, 3241-3248	10.3	20
1291	Diffusion and adsorption of benzene in Regina clay. 1999 , 36, 430-442		20
1290	Estimation of Organic Carbon Normalized Sorption Coefficient (KOC) for Soils Using the Fragment Constant Method. <i>Environmental Science & Technology</i> , 1999 , 33, 2719-2725	10.3	46
1289	Adsorption-Partitioning Uptake of Nine Low-Polarity Organic Chemicals on a Natural Sorbent. <i>Environmental Science & Technology</i> , 1999 , 33, 262-269	10.3	260
1288	Accumulation kinetics of polycyclic aromatic hydrocarbons adsorbed to sediment by the mollusk <i>Corbicula fluminea</i> . 1999 , 42, 1-8		52
1287	Mobility of the organochlorine compound dicofol in soil promoted by <i>Pseudomonas fluorescens</i> . 1999 , 44, 154-9		5
1286	New composite adsorbents for the removal of pollutants from waste waters. 1999 , 381-396		2
1285	Sorption-desorption and column leaching of strychnine with soil. 2000 , 38, 603		2
1284	Mycorrhizal colonization and microbial community structure in the rhizosphere of annual ryegrass grown in pyrene-amended soils. 2000 , 2, 213-231		15
1283	Experimental validation of an OMS model for the sorption behaviors of PAHs onto aluminum oxide coated with humic acids. 2000 , 35, 515-536		9
1282	Sorption of Pyrene to Two Estonian Soils. 2000 , 20, 55-66		7
1281	ENGINEERING HUMIFICATION PROCESSES TO IMMOBILIZE PHENOLIC CONTAMINANTS IN SOILS. 2000 , 2000, 616-634		1
1280	Microscale-based modeling of polynuclear aromatic hydrocarbon transport and biodegradation in soil. 1996 , 51, 1-14		19
1279	Bioaccumulation tests applied in whole effluent assessment: A review. 2000 , 19, 25-35		22

1278	Test of [p]olycyclic aromatic hydrocarbon model at a creosote-contaminated site, Elliott Bay, Washington, USA. 2000 , 19, 2378-2389	21
1277	Factors affecting the release of hydrophobic organic contaminants from natural sediments. 2000 , 19, 2401-2408	15
1276	Field study on desorption rates of polynuclear aromatic hydrocarbons from contaminated marine sediment. 2000 , 19, 2431-2435	15
1275	Removal mechanisms of VOCs in an activated sludge process. 2000 , 79, 173-87	26
1274	Attenuation of landfill leachate by clay liner materials in laboratory columns, 1. Experimental procedures and behaviour of organic contaminants. 2000 , 18, 198-214	2
1273	Influence of the presence of PAHs and coal tar on naphthalene sorption in soils. 2000 , 46, 61-80	23
1272	Variation Among Four Health Indices in Natural Populations of the Estuarine Fish, <i>Fundulus heteroclitus</i> (Pisces, Cyprinodontidae), from Five Geographically Proximate Estuaries. 2000 , 57, 451-458	13
1271	Determination of retardation coefficients of sulfolane and thiolane on soils by K_{ow} and solubility parameter, batch and column experiments. 2000 , 39, 741-749	9
1270	Chemodynamische Verteilung lipophiler organischer Schadstoffe in Gewässern. 2000 , 12, 331-336	
1269	Mathematical modeling of controlled-release systems of herbicides using lignins as matrices. A review. 2000 , 84-86, 595-615	15
1268	Estimating Accumulation and Baseline Toxicity of Complex Mixtures of Organic Chemicals to Aquatic Organisms. 2000 , 89-98	1
1267	Sorption and desorption of 1,4-dichlorobenzene on peat. 2000 , 45, 47-52	
1266	SYNOPSIS Polycyclic Aromatic Hydrocarbons (PAHs) in Soil [a] Review. 2000 , 163, 229-248	446
1265	Sorption and photolysis studies in soil and sediment of the herbicide napropamide. 2000 , 35, 725-38	10
1264	Bioavailability of the genotoxic components in coal tar contaminated soils in Fischer 344 rats. 2000 , 56, 37-48	19
1263	IMPACT OF IRREVERSIBLE SORPTION ON BIOAVAILABILITY, RISK ASSESSMENT, AND SITE REMEDIATION. 2000 , 2000, 598-615	1
1262	Quantification of Compositional Changes of Petroleum Hydrocarbons by GC/FID and GC/MS during a Long-Term Bioremediation Experiment. 2000 , 9, 549-577	10
1261	Attenuation of landfill leachate by clay liner materials in laboratory columns, 1. Experimental procedures and behaviour of organic contaminants. 2000 , 18, 198-214	16

1260	Effect of model sorptive phases on phenanthrene biodegradation: different enrichment conditions influence bioavailability and selection of phenanthrene-degrading isolates. 2000 , 66, 2695-702		69
1259	Toxicity of sediments from Bahā de Chetumal, Mxico, as assessed by hepatic EROD induction and histology in Nile tilapia <i>Oreochromis niloticus</i> . 2000 , 50, 385-91		16
1258	Micropollutants and organic carbon concentrations in surface and deep sediments in the Tunisian coast near the city of Sousse. 2000 , 49, 177-96		8
1257	Interactions between dissolved petroleum hydrocarbons and pure and humic acid-coated mineral surfaces in artificial seawater. 2000 , 49, 217-31		22
1256	Assessment of the toxicity of River Po sediments with <i>Ceriodaphnia dubia</i> . 2000 , 47, 191-202		16
1255	Desorption kinetics of neutral hydrophobic organic compounds from field-contaminated sediment. 2000 , 108, 81-9		43
1254	Polycyclic aromatic hydrocarbons and polychlorinated biphenyls in forest soils: depth distribution as indicator of different fate. 2000 , 110, 79-88		127
1253	Modelling the bioavailability of pesticides to soil-dwelling organisms. 2000 , 132, 203-230		12
1252	Modelling the fate of dioxins in a trophic network by coupling an ecotoxicological and an Ecopath model. 2000 , 126, 201-223		25
1251	A probabilistic model for predicting distributions of PAH ratios between oysters and marine sediments. 2000 , 135, 231-242		12
1250	Hydrogeochemistry and transport of organic contaminants in an urban watershed of Chesapeake Bay (USA). 2000 , 15, 901-915		72
1249	Road runoff pollution by polycyclic aromatic hydrocarbons and its contribution to river sediments. <i>Water Research</i> , 2000 , 34, 4110-4115	12.5	116
1248	Concentration of retene and resin acids in sedimenting particles collected from a bleached kraft mill effluent receiving lake. <i>Water Research</i> , 2000 , 34, 1604-1610	12.5	17
1247	Sorption-desorption behaviour of 2,4-dichlorophenol by marine sediments. <i>Chemosphere</i> , 2000 , 40, 3-6	8.4	256
1246	Partitioning of naphthalene to Gemini surfactant-treated alumina. <i>Chemosphere</i> , 2000 , 41, 787-92	8.4	14
1245	Estimating K_{oc} for persistent organic pollutants: limitations of correlations with K_{ow} . <i>Chemosphere</i> , 2000 , 41, 813-7	8.4	38
1244	Polanyi-Based Models for the Competitive Sorption of Low-Polarity Organic Contaminants on a Natural Sorbent. <i>Environmental Science & Technology</i> , 2000 , 34, 1246-1253	10.3	95
1243	Use of Amphiphilic Polymer Particles for In Situ Extraction of Sorbed Phenanthrene from a Contaminated Aquifer Material. <i>Environmental Science & Technology</i> , 2000 , 34, 4133-4139	10.3	25

1242	Quantification of the Soot-Water Distribution Coefficient of PAHs Provides Mechanistic Basis for Enhanced Sorption Observations. <i>Environmental Science & Technology</i> , 2000 , 34, 5144-5151	10.3	308
1241	Glass Transition Behavior in a Peat Humic Acid and an Aquatic Fulvic Acid. <i>Environmental Science & Technology</i> , 2000 , 34, 4549-4553	10.3	66
1240	Availability of Polycyclic Aromatic Hydrocarbons (PAHs) and Polychlorinated Biphenyls (PCBs) to Earthworms in Urban Soils. <i>Environmental Science & Technology</i> , 2000 , 34, 4335-4340	10.3	153
1239	Effects of a Trapped NAPL on the Diffusive Release of Organic Contaminants from Saturated Soils. 2000 , 17, 129-138		2
1238	A Method for Assessing Leaching Potential for Petroleum Hydrocarbons Release Sites: Multiphase and Multisubstance Equilibrium Partitioning. 2000 , 9, 611-632		4
1237	Importance of organic carbon quantity on the variation of K_{oc} in marine sediments. 2000 , 77, 9-29		5
1236	Distribution of PCBs in Sediment from Different Bottom Types and Water Depths in Stockholm Archipelago, Baltic Sea. 2000 , 29, 277-281		7
1235	Sorption of Hydrophobic Organic Compounds by Soil Materials: Application of Unit Equivalent Freundlich Coefficients. <i>Environmental Science & Technology</i> , 2000 , 34, 4363-4369	10.3	161
1234	Irreversible Adsorption of Chlorinated Benzenes to Natural Sediments: Implications for Sediment Quality Criteria. <i>Environmental Science & Technology</i> , 2000 , 34, 385-392	10.3	69
1233	Role of Natural Organic Matter in Accelerating Bacterial Biodegradation of Sodium Dodecyl Sulfate in Rivers. <i>Environmental Science & Technology</i> , 2000 , 34, 2237-2242	10.3	17
1232	A Novel Way To Design Suitable Inorganic Material from the Smectite Family for Sorption of 2,3,7,8-Tetrachlorinated Dibenzo-p-dioxin. 2000 , 104, 2098-2104		6
1231	Macromolecular Characteristics of Natural Organic Matter. 1. Insights from Glass Transition and Enthalpic Relaxation Behavior. <i>Environmental Science & Technology</i> , 2000 , 34, 3623-3631	10.3	103
1230	Sorption of Selected Organic Compounds from Water to a Peat Soil and Its Humic-Acid and Humin Fractions: Potential Sources of the Sorption Nonlinearity. <i>Environmental Science & Technology</i> , 2000 , 34, 1254-1258	10.3	238
1229	Solid-State ^{19}F NMR Investigation of Hexafluorobenzene Sorption to Soil Organic Matter. <i>Environmental Science & Technology</i> , 2000 , 34, 204-210	10.3	56
1228	Macromolecular Characteristics of Natural Organic Matter. 2. Sorption and Desorption Behavior. <i>Environmental Science & Technology</i> , 2000 , 34, 3632-3640	10.3	105
1227	Prediction of Soil Sorption Coefficients Using a Universal Solvation Model. <i>Environmental Science & Technology</i> , 2000 , 34, 4733-4740	10.3	29
1226	Thermodynamic Modeling of Molecular Adsorption Using Parameters Derived from Binary Surface Excess Data. 2000 , 39, 1095-1105		3
1225	Impacts of Heterogeneous Organic Matter on Phenanthrene Sorption: Different Aquifer Depths. <i>Environmental Science & Technology</i> , 2000 , 34, 2453-2460	10.3	35

1224	Preferential Sorption of Planar Contaminants in Sediments from Lake Ketelmeer, The Netherlands. <i>Environmental Science & Technology</i> , 2000 , 34, 1620-1626	10.3	158
1223	Binary Desorption Isotherms of TCE and PCE from Silica Gel and Natural Solids. <i>Environmental Science & Technology</i> , 2000 , 34, 4341-4347	10.3	18
1222	Influence of Contact Time on Extractability and Degradation of Pyrene in Soils. <i>Environmental Science & Technology</i> , 2000 , 34, 4952-4957	10.3	99
1221	Impacts of Heterogeneous Organic Matter on Phenanthrene Sorption: Equilibrium and Kinetic Studies with Aquifer Material. <i>Environmental Science & Technology</i> , 2000 , 34, 406-414	10.3	171
1220	Fate of Organic Xenobiotics in Sediments: Bioavailability and Toxicity. 185-193		
1219	Mechanisms for the adsorption of substituted nitrobenzenes by smectite clays. <i>Environmental Science & Technology</i> , 2001 , 35, 4227-34	10.3	241
1218	Detailed sorption isotherms of polar and apolar compounds in a high-organic soil. <i>Environmental Science & Technology</i> , 2001 , 35, 84-94	10.3	157
1217	Phenanthrene desorption from soil in the presence of bacterial extracellular polymer: observations and model predictions of dynamic behavior. <i>Water Research</i> , 2001 , 35, 835-43	12.5	36
1216	Adsorption of Organic Contaminants from Water Using Tailored ACFs. 2001 , 13, 2356-2360		70
1215	Plastic resin pellets as a transport medium for toxic chemicals in the marine environment. <i>Environmental Science & Technology</i> , 2001 , 35, 318-24	10.3	1090
1214	Equilibrium partition theory applied to PCBs in macrophytes. <i>Environmental Science & Technology</i> , 2001 , 35, 4830-3	10.3	18
1213	Polyoxymethylene solid phase extraction as a partitioning method for hydrophobic organic chemicals in sediment and soot. <i>Environmental Science & Technology</i> , 2001 , 35, 3742-8	10.3	261
1212	Washing of marine coastal sand in a batch reactor: sorption and desorption of BTEX. 2001 , 51, 1043-59		2
1211	Fate of atmospherically deposited polycyclic aromatic hydrocarbons (PAHs) in Chesapeake Bay. <i>Environmental Science & Technology</i> , 2001 , 35, 2178-83	10.3	72
1210	A Systems Analysis of the Baltic Sea. 2001 ,		34
1209	Treatment of Contaminated Soil. 2001 ,		29
1208	Predicting sorption of groundwater bacteria from size distribution, surface area, and magnetic susceptibility of soil particles. 2001 , 37, 1795-1812		13
1207	Treatment of effluent containing micropollutants by means of activated carbon. 2001 , 21, 33-40		10

1206	Variation of 1-naphthol sorption with organic matter fractionation: the role of physical conformation. 2001 , 32, 709-719		80
1205	Relationship of properties of polycyclic aromatic hydrocarbons to sequestration in soil. 2001 , 113, 293-8		37
1204	Elucidating the fundamental chemistry of soils: past and recent achievements and future frontiers. 2001 , 100, 303-319		77
1203	Modeling the two stages of surfactant-aided soil washing. <i>Water Research</i> , 2001 , 35, 761-7	12.5	40
1202	Contaminant interactions with geosorbent organic matter: insights drawn from polymer sciences. <i>Water Research</i> , 2001 , 35, 853-68	12.5	88
1201	QSAR models to predict effect of ionic strength on sorption of chlorinated benzenes and phenols at sediment-water interface. <i>Water Research</i> , 2001 , 35, 3391-401	12.5	16
1200	Exploratory analysis of the effects of particulate characteristics on the variation in partitioning of nonpolar organic contaminants to marine sediments. <i>Water Research</i> , 2001 , 35, 4390-404	12.5	25
1199	Prediction of complete bioremediation periods for PAH soil pollutants in different physical states by mechanistic models. <i>Chemosphere</i> , 2001 , 43, 1085-94	8.4	28
1198	Reliable QSAR for estimating K _{oc} for persistent organic pollutants: correlation with molecular connectivity indices. <i>Chemosphere</i> , 2001 , 45, 213-21	8.4	48
1197	Role of pH in partitioning and cation exchange of aromatic amines on water-saturated soils. <i>Chemosphere</i> , 2001 , 44, 627-35	8.4	27
1196	Sorption of 1-naphthol to soil and geologic samples with varying diagenetic properties. <i>Chemosphere</i> , 2001 , 44, 779-87	8.4	13
1195	Influence of heavy organic pollutants of anthropic origin on PAH retention by kaolinite. <i>Chemosphere</i> , 2001 , 44, 1633-9	8.4	38
1194	A review of the environmental fate and aquatic effects of a series of C ₄ and C ₈ oxo-process chemicals. <i>Chemosphere</i> , 2001 , 45, 339-46	8.4	19
1193	Estimating temperature dependence of solubility and octanol-water partition coefficient for organic compounds using RP-HPLC. <i>Chemosphere</i> , 2001 , 45, 1063-70	8.4	22
1192	A partition-limited model for the plant uptake of organic contaminants from soil and water. <i>Environmental Science & Technology</i> , 2001 , 35, 1437-44	10.3	261
1191	The nature of soil organic matter affects sorption of pesticides. 1. Relationships with carbon chemistry as determined by ¹³ C CPMAS NMR spectroscopy. <i>Environmental Science & Technology</i> , 2001 , 35, 878-84	10.3	220
1190	Electron-rich phenols for probing the photochemical reactivity of freshwaters. <i>Environmental Science & Technology</i> , 2001 , 35, 690-5	10.3	130
1189	Predicting soil-water partitioning of polycyclic aromatic hydrocarbons and polychlorinated biphenyls by desorption with methanol-water mixtures at different temperatures. <i>Environmental Science & Technology</i> , 2001 , 35, 2319-25	10.3	28

1188	A distributed reactivity model for sorption by soils and sediments. 14. Characterization and modeling of phenanthrene desorption rates. <i>Environmental Science & Technology</i> , 2001 , 35, 1688-95	10.3	101
1187	Dynamic air-water exchange of polychlorinated biphenyls in the New York-New Jersey Harbor Estuary. <i>Environmental Science & Technology</i> , 2001 , 35, 3834-40	10.3	93
1186	Evaluation of shale and organoclays as sorbent additives for low-permeability soil containment barriers. <i>Environmental Science & Technology</i> , 2001 , 35, 1523-30	10.3	64
1185	Equilibrium Modeling of Combined Ion-Exchange and Molecular Adsorption Phenomena. 2001 , 40, 714-720		13
1184	Sorption of phenanthrene by reference smectites. <i>Environmental Science & Technology</i> , 2001 , 35, 3456-61	10.3	123
1183	Impacts of heterogeneous organic matter on phenanthrene sorption: different soil and sediment samples. <i>Environmental Science & Technology</i> , 2001 , 35, 4684-90	10.3	58
1182	Gaseous transport of volatile organic chemicals in unsaturated porous media: effect of water-partitioning and air-water interfacial adsorption. <i>Environmental Science & Technology</i> , 2001 , 35, 4457-62	10.3	40
1181	Spectroscopic study of nitroaromatic-smectite sorption mechanisms. <i>Environmental Science & Technology</i> , 2001 , 35, 4767-72	10.3	79
1180	Volatile Organic Compound (VOC) Transport through Compacted Clay. 2001 , 127, 126-134		45
1179	Effects of dissolved organic matter from animal waste effluent on chlorpyrifos sorption by soils. 2001 , 30, 1258-65		62
1178	Nonsingularity of Naphthalene Sorption in Soil. <i>Soil Science Society of America Journal</i> , 2001 , 65, 1622-1623		12
1177	Fluxes of semivolatile organochlorine compounds in Bow Lake, a high-altitude, glacier-fed, subalpine lake in the Canadian Rocky Mountains. 2001 , 46, 2019-2031		37
1176	Differences in sorption behaviour of carbaryl and phosalone in soils from Australia, Pakistan, and the United Kingdom. 2001 , 39, 893		26
1175	Diffusion of Sorbing Organic Chemicals in the Liquid and Gaseous Phases of Repacked Soil. <i>Soil Science Society of America Journal</i> , 2001 , 65, 1585-1593	2.5	25
1174	Budget calculations for polychlorinated biphenyls (PCBs) in the Northern Hemisphere by a single-box approach. 2001 , 53, 235-259		
1173	Sorption phenomena of PCBs in environment. 2001 , 46, 89-97		6
1172	Study on sorption of monocrotophos and parathion-methyl on Yellow River sediments. 2001 , 5, 334-337		
1171	Dimensionless volatilization rate for two pesticides in a lake. 2001 , 6, 297-303		1

1170	Evaluation of the interaction between biodegradation and sorption of phenanthrene in soil-slurry systems. 2001 , 73, 12-24	44
1169	Dual Reactive Domain Model for Sorption of Aqueous Organics by Wood Fiber. 2001 , 236, 362-368	4
1168	Sorption Behavior of Dye Compounds onto Natural Sediment of Qinghe River. 2001 , 239, 475-482	24
1167	Study on Adsorption of Chlorobenzene on Marine Sediment. 2001 , 243, 273-279	31
1166	Uptake of polycyclic aromatic hydrocarbon compounds by the gills of the bivalve mollusk <i>Elliptio complanata</i> . 2001 , 20, 309-316	14
1165	Fate and kinetics of carfentrazone-ethyl herbicide in California, USA, flooded rice fields. 2001 , 20, 485-490	12
1164	Occurrence and potential adverse effects of semivolatile organic compounds in streambed sediment, United States, 1992-1995. 2001 , 20, 727-737	18
1163	Abiotic processes influencing fipronil and desethiofipronil dissipation in California, USA, rice fields. 2001 , 20, 972-977	46
1162	Amendment of sediments with a carbonaceous resin reduces bioavailability of polycyclic aromatic hydrocarbons. 2001 , 20, 1104-1111	41
1161	The power of size. 1. Rate constants and equilibrium ratios for accumulation of organic substances related to octanol-water partition ratio and species weight. 2001 , 20, 1399-1420	182
1160	Ubiquitous observations of enhanced solid affinities for aromatic organochlorines in field situations: Are in situ dissolved exposures overestimated by existing partitioning models?. 2001 , 20, 1450-1456	72
1159	Evaluating degradation rates of chlorinated organics in groundwater using analytical models. 2001 , 20, 1909-1915	8
1158	Vertical distribution profiles of linear alkylbenzene sulfonates and their long-chain intermediate degradation products in coastal marine sediments. 2001 , 20, 2171-2178	21
1157	Partition coefficients of pyrene to lake aquatic humic matter determined by fluorescence quenching and solubility enhancement. 2001 , 429, 65-73	27
1156	Bulk Organic Matter and Lipid Biomarker Composition of Chesapeake Bay Surficial Sediments as Indicators of Environmental Processes. 2001 , 53, 319-341	111
1155	RECOVERY: A Contaminated Sediment-Water Interaction Model. 2001 , 6, 151-158	6
1154	Travel-time based model of bioremediation using circulation wells. 2001 , 39, 422-32	28
1153	Polychlorinated biphenyl partitioning in the waters of a remote mountain lake. <i>Science of the Total Environment</i> , 2001 , 279, 51-62	10.2 34

1152	Distribution and partitioning of polycyclic aromatic hydrocarbons (PAHs) in different size fractions in sediments from Boston Harbor, United States. <i>Marine Pollution Bulletin</i> , 2001 , 42, 1139-49	6.7	229
1151	Three dimensional numerical modeling of multiphase flow and transport. 2001 , 36, 1473-89		1
1150	The Effect of Mycorrhizal Fungi on the Fate of PCBs in Two Vegetated Systems. 2001 , 3, 203-220		9
1149	Assessment of the Dermal Bioavailability of Soil-Aged Benzo(a)pyrene. 2002 , 8, 429-441		13
1148	Impact of Clay Minerals and DOM on the Competitive Sorption/Desorption of PAHs. <i>Soil and Sediment Contamination</i> , 2002 , 11, 269-291	3.2	29
1147	Adsorption of Dinitrophenol Herb from Water by Montmorillonites. 2002 , 50, 25-34		97
1146	Benzene vapor sorption by organobentonites from ambient air. 2002 , 50, 421-427		27
1145	Chapter 7 Physicochemical properties of aqueous and solid environmental matrices. 2002 , 219-239		
1144	Removal of hydrophobic organic pollutants by coagulation-precipitation process with dissolved humic matter. 2002 , 20, 341-9		7
1143	Comparison of Estimated and Experimentally Obtained Soil Water Distribution Coefficients. 2002 , 6, 218-226		3
1142	Surface Free Energy Relationships used to Evaluate Microbial Transport. 2002 , 128, 408-415		13
1141	Terminal Electron Acceptor Mass Balance: Light Nonaqueous Phase Liquids and Natural Attenuation. 2002 , 128, 246-252		5
1140	Bioaccumulation in Marine Organisms - Pages 319-437. 2002 , 319-437		
1139	Influence of quaternary ammonium on sorption of selected metal cations onto clinoptilolite zeolite. 2002 , 31, 1106-14		31
1138	Sorption kinetics of toluene in humin under two different levels of relative humidity. 2002 , 31, 970-8		8
1137	Fate and Behavior of Endocrine Disrupters in Wastewater Treatment Processes. 2002 ,		4
1136	Octanol/Water Partition Coefficients of Non-Ortho- and Mono-Ortho-Substituted Polychlorinated Biphenyls. 2002 , 47, 209-215		15
1135	Groundwater Remediation. 2719-2745		1

1134	Evidence for nonlinear binding of PAHs to dissolved humic acids. <i>Environmental Science & Technology</i> , 2002 , 36, 955-61	10.3	79
1133	Surface-catalyzed transformations of aqueous endosulfan. <i>Environmental Science & Technology</i> , 2002 , 36, 4846-53	10.3	40
1132	Phenanthrene sorption by aliphatic-rich natural organic matter. <i>Environmental Science & Technology</i> , 2002 , 36, 1953-8	10.3	240
1131	2:1 Dioctahedral Smectites as a Selective Sorbent for Dioxins and Furans: Reactivity Index Study. 2002 , 106, 641-648		13
1130	In situ measurement of polychlorinated biphenyls in the waters of San Diego Bay, California. <i>Environmental Science & Technology</i> , 2002 , 36, 4975-80	10.3	17
1129	Simplified Link Solvation Model (LSM) for Sorption in Natural Organic Matter. 2002 , 18, 4775-4782		34
1128	Dermal absorption in rhesus monkeys of polychlorinated biphenyls from soil contaminated with Aroclor 1260. 2002 , 35, 289-95		14
1127	Distribution of polycyclic aromatic hydrocarbons (PAHs) in rivers and estuaries in Malaysia: a widespread input of petrogenic PAHs. <i>Environmental Science & Technology</i> , 2002 , 36, 1907-18	10.3	529
1126	Partitioning and pore-filling: Solubility-normalized sorption isotherms of nonionic organic contaminants in soils and sediments. 2002 , 42, 67-75		11
1125	Influence of suspended sediment on the transport processes of nonlinear reactive substances in turbulent streams. 2002 , 472, 307-331		11
1124	Solubility-normalized combined adsorption-partitioning sorption isotherms for organic pollutants. <i>Environmental Science & Technology</i> , 2002 , 36, 4689-97	10.3	206
1123	Sorption of polycyclic aromatic hydrocarbons and polychlorinated biphenyls to soot and soot-like materials in the aqueous environment: mechanistic considerations. <i>Environmental Science & Technology</i> , 2002 , 36, 3725-34	10.3	489
1122	Sorption behavior of nonylphenol in terrestrial soils. <i>Environmental Science & Technology</i> , 2002 , 36, 4052-7	10.3	95
1121	Nonaqueous Phase Liquid Dissolution and Soil Organic Matter Sorption in Porous Media: Review of System Similarities. 2002 , 32, 337-397		28
1120	Treatment of solutions with binary solutes using an admicellar enhanced CSTR: background solute effect. <i>Chemosphere</i> , 2002 , 47, 277-82	8.4	2
1119	Environmental assessment of polycyclic aromatic hydrocarbons (PAHs) in surface sediments of the Santander Bay, Northern Spain. <i>Chemosphere</i> , 2002 , 48, 157-65	8.4	149
1118	Laboratory tests for simulating attenuation processes of aromatic amines in riverbank filtration. 2002 , 266, 259-268		29
1117	Association of hydrophobic organic contaminants with soluble organic matter: evaluation of the database of K _{oc} values. 2002 , 6, 577-593		53

1116	Formation and Characterization of Oil-Mineral Aggregates. 2002 , 8, 31-44		110
1115	Removal of Oil from the Sea Surface through Particulate Interactions: Review and Prospectus. 2002 , 8, 9-18		83
1114	Oil-Particle Interactions in Aquatic Environments: Influence on the Transport, Fate, Effect and Remediation of Oil Spills. 2002 , 8, 3-8		76
1113	Effects of physical mixing on the attenuation of polycyclic aromatic hydrocarbons in estuarine sediments. 2002 , 33, 1759-1769		25
1112	The Effect of a Large Resuspension Event in Southern Lake Michigan on the Short-term Cycling of Organic Contaminants. 2002 , 28, 338-351		19
1111	The impact of contact time on pyrene sorptive behavior by a sandy-loam soil. 2002 , 117, 371-8		18
1110	Desorption of p,p'-DDE from sediment during resuspension events on the Palos Verdes shelf, California: a modeling approach. 2002 , 22, 1005-1023		35
1109	Immobilizing humic acid in a sol-gel matrix: a new tool to study humic-contaminants sorption interactions. <i>Environmental Science & Technology</i> , 2002 , 36, 1054-60	10.3	19
1108	. 2002 ,		2
1107	. 2002 ,		143
1106	The role of condensed organic matter in the nonlinear sorption of hydrophobic organic contaminants by a peat and sediments. 2002 , 31, 1953-62		54
1105	Genotoxicity is unrelated to total concentration of priority carcinogenic polycyclic aromatic hydrocarbons in soils undergoing biological treatment. 2002 , 31, 150-4		11
1104	Runoff Characteristics of the Water Quality of Roof Runoff from the Viewpoint of Polycyclic Aromatic Hydrocarbons and Mutagenicity.. 2002 , 25, 57-64		
1103	Concentrations of PCBs in coastal mangrove sediments of Hong Kong. <i>Marine Pollution Bulletin</i> , 2002 , 44, 642-51	6.7	50
1102	Experimental determination of sorption in fractured flow systems. 2002 , 58, 51-77		26
1101	Sorption of tannic acid on zirconium pillared clay. 2002 , 77, 92-101		56
1100	SW-Soil and Water. 2002 , 83, 255-273		144
1099	Air-Water exchange of polycyclic aromatic hydrocarbons in the New York-New Jersey, Harbor Estuary. 2002 , 21, 235-244		77

1098	Sorption kinetics of selected volatile organic compounds in humin. 2002 , 21, 2067-2074	9
1097	Prediction of uptake dynamics of persistent organic pollutants by bacteria and phytoplankton. 2002 , 21, 2099-2107	89
1096	Use of triolein-semipermeable membrane devices to assess the bioconcentration and sediment sorption of hydrophobic organic contaminants in the Huaihe River, China. 2002 , 21, 2378-2384	13
1095	Applicability of tire powder for the control of volatile organic compound emission in solid waste landfills. 2002 , 6, 89-95	
1094	Study on the sorption of 2-naphthol on marine sediments. 2002 , 211, 259-266	13
1093	Modelling the fate of oxidisable organic contaminants in groundwater. 2002 , 25, 945-983	141
1092	Treatment of creosote-contaminated groundwater in a peat/sand permeable barrier--a column study. 2002 , 93, 285-306	28
1091	Pesticide soil sorption parameters: theory, measurement, uses, limitations and reliability. 2002 , 58, 419-45	355
1090	More realistic soil cleanup standards with dual-equilibrium desorption. 2002 , 40, 153-64	35
1089	New modeling paradigms for the sorption of hydrophobic organic chemicals to heterogeneous carbonaceous matter in soils, sediments, and rocks. 2002 , 25, 985-1016	308
1088	AN INTEGRATIVE APPROACH TOWARDS UNDERSTANDING ECOLOGICAL RESPONSES TO DAM REMOVAL: THE MANATAWNY CREEK STUDY1. 2002 , 38, 1581-1599	77
1087	Desorption Behaviour of Polycyclic Aromatic Hydrocarbons in Harbour Sludge from the Port of Rotterdam, The Netherlands. <i>Water, Air, and Soil Pollution</i> , 2002 , 136, 361-385	2.6 2
1086	The effects of elutriates from PAH and heavy metal polluted sediments on <i>Crassostrea gigas</i> (Thunberg) embryogenesis, larval growth and bio-accumulation by the larvae of pollutants from sedimentary origin. 2002 , 11, 403-16	42
1085	Quantitative structure-activity relationships for predicting soil-sediment sorption coefficients for organic chemicals. 2003 , 22, 1771-88	96
1084	Tenax extraction mimics benthic and terrestrial bioavailability of organic compounds. 2003 , 22, 2258-65	112
1083	Evaluation of polychlorinated biphenyl bioaccumulation patterns in white sea urchins (<i>Lytechinus pictus</i>) using multiple approaches. 2003 , 22, 2719-26	1
1082	Statistical implications of pyrene and phenanthrene sorptive phenomena: effects of sorbent and solute properties. 2003 , 44, 152-9	11
1081	Batch adsorption tests of phenol in soils. 2003 , 62, 251-257	12

1080	Mass transport of organic contaminants through a self-sealing/self-healing mineral landfill liner. 2003 , 5, 130-136		2
1079	Dissolved organic matter effects on the performance of a barrier to polycyclic aromatic hydrocarbon transport by groundwater. 2003 , 60, 307-26		33
1078	Carbon and hydrogen isotope effects during sorption of organic contaminants on carbonaceous materials. 2003 , 64, 269-81		80
1077	The diffusion and sorption of volatile organic compounds through kaolinitic clayey soils. 2003 , 65, 219-43		20
1076	Assessment of the bioavailability and toxicity of sediment-associated polycyclic aromatic hydrocarbons and heavy metals applied to <i>Crassostrea gigas</i> embryos and larvae. <i>Marine Pollution Bulletin</i> , 2003 , 46, 481-90	6.7	74
1075	Bioavailability of desorption-resistant phenanthrene to the oligochaete <i>Ilyodrilus templetoni</i> . 2003 , 22, 153-160		32
1074	Studies on bioremediation of polycyclic aromatic hydrocarbon-contaminated sediments: Bioavailability, biodegradability, and toxicity issues. 2003 , 22, 473-482		39
1073	Distribution of phenanthrene between soil and an aqueous phase in the presence of anionic micelle-like amphiphilic polyurethane particles. 2003 , 105, 179-97		2
1072	One-step pressurized liquid extraction method for the analysis of polycyclic aromatic hydrocarbons. 2003 , 498, 55-60		21
1071	Solubilization of the neutral and charged forms of 2,4,6-trichlorophenol by beta-cyclodextrin, methyl-beta-cyclodextrin and hydroxypropyl-beta-cyclodextrin in water. 2003 , 100, 109-16		42
1070	Evaluation of atmospheric transport as a nonpoint source of polycyclic aromatic hydrocarbons in marine sediments of the Eastern Mediterranean. 2003 , 80, 283-298		96
1069	A preliminary assessment of polycyclic aromatic hydrocarbon distributions in the lower Mississippi River and Gulf of Mexico. 2003 , 82, 273-288		102
1068	Contaminant transport in fractured chalk: laboratory and field experiments. 2003 , 41, 806-15		31
1067	Transport of reactive chemicals in sediment-laden streams. 2003 , 26, 815-831		11
1066	Soil Plant Microbe Interactions in Phytoremediation. 2003 , 52-74		10
1065	Distribution of polycyclic aromatic hydrocarbons in the coastal region off Macao, China: assessment of input sources and transport pathways using compositional analysis. <i>Environmental Science & Technology</i> , 2003 , 37, 4855-63	10.3	331
1064	PCB and PAH speciation among particle types in contaminated harbor sediments and effects on PAH bioavailability. <i>Environmental Science & Technology</i> , 2003 , 37, 2209-17	10.3	237
1063	Effects of physical-chemical characteristics on the sorption of selected endocrine disruptors by dissolved organic matter surrogates. <i>Environmental Science & Technology</i> , 2003 , 37, 2646-57	10.3	211

1062	Examination of molecular interaction sites of acetanilides with organic matter surrogates using nuclear magnetic resonance techniques. 2003 , 51, 3829-35		3
1061	Reinterpreting literature sorption data considering both absorption into organic carbon and adsorption onto black carbon. <i>Environmental Science & Technology</i> , 2003 , 37, 99-106	10.3	242
1060	Dissolved PCBs, PAHs, and HCB in pore waters and overlying waters of contaminated harbor sediments. <i>Environmental Science & Technology</i> , 2003 , 37, 4213-20	10.3	144
1059	Measured pore-water concentrations make equilibrium partitioning work--a data analysis. <i>Environmental Science & Technology</i> , 2003 , 37, 268-74	10.3	194
1058	Interactions of organic contaminants with mineral-adsorbed surfactants. <i>Environmental Science & Technology</i> , 2003 , 37, 4001-6	10.3	124
1057	Pesticide adsorptivity of aged particulate matter arising from crop residue burns. 2003 , 51, 5047-51		104
1056	Air/Soil Exchange of Organochlorine Pesticides in Agricultural Soils. 2. Laboratory Measurements of the Soil/Air Partition Coefficient. <i>Environmental Science & Technology</i> , 2003 , 37, 1300-1305	10.3	67
1055	Comparison of sorption domains in molecular weight fractions of a soil humic acid using solid-state ¹⁹ F NMR. <i>Environmental Science & Technology</i> , 2003 , 37, 2855-60	10.3	58
1054	Sludge-Derived Cu and Zn in a Humic-Gley Soil: Effect of Dissolved Metal-Organic Matter Complexes on Sorption and Partitioning. <i>Soil and Sediment Contamination</i> , 2003 , 12, 23-46	3.2	8
1053	Aqueous chemistry and interactive effects on non-ionic surfactant and pentachlorophenol sorption to soil. <i>Water Research</i> , 2003 , 37, 4663-72	12.5	38
1052	Sorption and desorption hysteresis of organic contaminants by kerogen in a sandy aquifer material. <i>Chemosphere</i> , 2003 , 50, 1365-76	8.4	19
1051	Leaching characteristics of polycyclic aromatic hydrocarbons (PAHs) from spiked sandy soil. <i>Chemosphere</i> , 2003 , 51, 387-95	8.4	26
1050	Studies on the sorption behaviors of nitrobenzene on marine sediments. <i>Chemosphere</i> , 2003 , 52, 917-258.4		58
1049	Quality assessment of bed sediments of the Po River (Italy). <i>Water Research</i> , 2003 , 37, 501-18	12.5	71
1048	Distribution of polycyclic aromatic hydrocarbons in water and surface sediments from Daya Bay, China. 2003 , 121, 269-81		193
1047	Determination of potentially bioaccumulating complex mixtures of organochlorine compounds in wastewater: a review. 2003 , 28, 751-9		31
1046	The use of fine sediment fractal dimensions and colour to determine sediment sources in a small watershed. 2003 , 53, 165-179		42
1045	An Ecological Risk Assessment of Formaldehyde. 2003 , 9, 483-509		15

1044	An investigation of geochemical factors controlling the distribution of PCBs in intertidal sediments at a contamination hot spot, the Clyde Estuary, UK. 2003 , 18, 327-338	40
1043	Pesticides and other micro-organic contaminants in freshwater sedimentary environments: a review. 2003 , 18, 159-194	254
1042	Effects of organic matter heterogeneity on sorption and desorption of organic contaminants by soils and sediments. 2003 , 18, 955-972	336
1041	Equilibrium and kinetic adsorption of bacteria on alluvial sand and surface thermodynamic interpretation. 2003 , 154, 175-81	14
1040	Oil/Suspended Particulate Material Interactions and Sedimentation. 2003 , 8, 201-221	73
1039	Effectiveness of Riverbank Filtration Sites to Mitigate Shock Loads. 2002 , 229-259	3
1038	Nonequilibrium Nonaqueous Phase Liquid Mass Transfer Model for Soil Vapor Extraction Systems. 2003 , 129, 745-754	13
1037	Redistribution of Polychlorinated Biphenyls from a Local Point Source: Terrestrial Soil, Freshwater Sediment, and Vascular Plants as Indicators of the Halo Effect. 2003 , 35, 349-360	19
1036	Remediation of Contaminated Soils by Surfactant-Aided Soil Washing. 2003 , 7, 19-24	55
1035	Occurrence, Characteristics, Transport, and Fate of Pesticides, Pharmaceuticals, Industrial Products, and Personal Care Products at Riverbank Filtration Sites. 2002 , 175-227	9
1034	The Emergence of Black Carbon as a Super-Sorbent in Environmental Chemistry: The End of Octanol?. 2003 , 4, 161-165	18
1033	Characterization of the pollutant-matrix interaction in contaminated soils. 2003 , 14, 293-300	
1032	Site-Specific Water Quality Targets for Fish Contaminants: Application of Sediment, Water, and Tissue Targets based on Measured Partitioning Relationships. 2003 , 2003, 979-996	
1031	Estimation of Octanol-Water Partition Coefficients for Polycyclic Aromatic Hydrocarbons Using Reverse-Phase HPLC. 2003 , 26, 135-146	21
1030	Modeling the Influence of Water Content on Soil Vapor Extraction. 2003 , 2, 368-381	22
1029	Distribution behavior of pyrene to adsorbed humic acids on kaolin. 2003 , 32, 591-8	20
1028	Biodegradation and General Aspects of Bioavailability. 81-96	9
1027	An Overview of the Partitioning and Bioavailability of PAHs in Sediments and Soils. 97-126	2

1026 References. **2003**, 303-343

1025 Evaluation of Contaminant Flux from CAD Sites Using the CAP Model. **2003**, 1

1

1024 Comparison of Naphthalene Diffusion and Nonequilibrium Adsorption-Desorption Experiments. *Soil Science Society of America Journal*, **2003**, 67, 765-777

2.5 2

1023 Influence of Ageing of Polluted Soils on Bioavailability of Phenanthrene. **2003**, 58, 481-488

19

1022 Sorption and Desorption of Pesticides by Clay Minerals and Humic Acid-Clay Complexes. *Soil Science Society of America Journal*, **2003**, 67, 122-131

2.5 14

1021 Sorption of Pyridine to Suspended Soil Particles Studied by Deuterium Nuclear Magnetic Resonance. *Soil Science Society of America Journal*, **2003**, 67, 1370-1377

2.5 10

1020 Bibliography. **2003**, 235-248

1019 Phenanthrene sorption to structurally modified humic acids. **2003**, 32, 1750-8

69

1018 Kerogen in aquifer material and its strong sorption for nonionic organic pollutants. **2003**, 32, 1701-9

35

1017 More than one thousand references related to soil water repellency. **2003**, 315-346

1016 Pyrene Sorption to Water-Dispersible Colloids: Effect of Solution Chemistry and Organic Matter. **2004**, 3, 451-461

20

1015 Sequential supercritical fluid extraction (SSFE) for estimating the availability of high molecular weight polycyclic aromatic hydrocarbons in historically polluted soils. **2004**, 33, 80-8

14

1014 Release of Polychlorinated Biphenyls from River Sediment to Water under Low-Flow Conditions: Laboratory Assessment. **2004**, 130, 126-135

13

1013 Application of pine bark as a sorbent for organic pollutants in effluents. **2004**, 15, 491-501

22

1012 Dermal Bioavailability of Toluene Aged in Soil. *Soil and Sediment Contamination*, **2004**, 13, 17-24

3.2 4

1011 Adsorption of pesticides by salorthids and camborthids of Punjab, Pakistan. **2004**, 86, 247-264

6

1010 Pesticide-Clay Interactions and Formulations. **2004**, 247-266

7

1009 Evidence of underestimation in PAH sorption/desorption due to system nonequilibrium and interaction with soil constituents. **2004**, 39, 1147-62

13

1008	Equilibrium isotherm studies for the sorption of benzene, toluene, and phenol onto organo-zeolites and as-synthesized MCM-41. 2004 , 40, 217-229		178
1007	Transport of mecoprop from agricultural soils to an adjacent salt marsh. <i>Marine Pollution Bulletin</i> , 2004 , 48, 313-20	6.7	13
1006	Inhomogeneous distribution of polycyclic aromatic hydrocarbons in different size and density fractions of contaminated sediment from Auckland Harbour, New Zealand: an opportunity for mitigation. <i>Marine Pollution Bulletin</i> , 2004 , 48, 341-50	6.7	43
1005	Seasonal and annual loads of hydrophobic organic contaminants from the Susquehanna River basin to the Chesapeake Bay. <i>Marine Pollution Bulletin</i> , 2004 , 48, 840-51	6.7	69
1004	Polycyclic aromatic hydrocarbons (PAHs) and organochlorine pesticides in water columns from the Pearl River and the Macao harbor in the Pearl River Delta in South China. <i>Marine Pollution Bulletin</i> , 2004 , 48, 1102-15	6.7	186
1003	Avoidance of crude-oil contaminated sediment by the Australian seastar, <i>Patiriella exigua</i> (Echinodermata: Asteroidea). <i>Marine Pollution Bulletin</i> , 2004 , 49, 900-9	6.7	9
1002	Dynamic behaviour of polycyclic aromatic hydrocarbons in Brighton marina, UK. <i>Marine Pollution Bulletin</i> , 2004 , 48, 229-39	6.7	55
1001	Current issues in statistics and models for ecotoxicological risk assessment. 2004 , 52, 201-17		37
1000	Evaluating Charcoal Presence in Sediments and its Effect on Phenanthrene Sorption. 2004 , 4, 359-373		7
999	Adsorption of Dimethyl Phthalate on Marine Sediments. <i>Water, Air, and Soil Pollution</i> , 2004 , 157, 179-192.6		23
998	Role of black carbon in the partitioning and bioavailability of organic pollutants. 2004 , 23, 2531-3		18
997	Sorption of 2,4'-dichlorobiphenyl and fluoranthene to a marine sediment amended with different types of black carbon. 2004 , 23, 2534-44		15
996	Effects of sedimentary sootlike materials on bioaccumulation and sorption of polychlorinated biphenyls. 2004 , 23, 2563-70		119
995	Bioavailability and assimilation of sediment-associated benzo[a]pyrene by <i>Ilyodrilus templetoni</i> (Oligochaeta). 2004 , 23, 57-64		22
994	Dependency of polychlorinated biphenyl and polycyclic aromatic hydrocarbon bioaccumulation in <i>Mya arenaria</i> on both water column and sediment bed chemical activities. 2004 , 23, 2551-62		56
993	Dynamic in-stream fate modeling of xenobiotic organic compounds: a case study of linear alkylbenzene sulfonates in the Lambro River, Italy. 2004 , 23, 2267-78		12
992	Polycyclic aromatic hydrocarbons in a highly industrialized urban estuary: inventories and trends. 2004 , 23, 2655-64		34
991	Naphthalene Adsorption and Desorption from Aqueous C60 Fullerene. 2004 , 49, 675-683		212

990	Subsurface colloids in groundwater contamination: a mathematical model. 2004 , 232, 29-38		24
989	Fate of dispersed marine fuel oil in sediment under pre-spill application strategy. 2004 , 31, 943-956		5
988	Adsorption of phenanthrene on organoclays from distilled and saline water. 2004 , 269, 265-73		93
987	Study of cigarette smoke aerosol using time of flight mass spectrometry. 2004 , 72, 17-25		13
986	Sorption interaction of phenanthrene with soil and sediment of different particle sizes and in various CaCl ₂ solutions. 2004 , 270, 37-46		20
985	Kinetic study on the sorption of dissolved natural organic matter onto different aquifer materials: the effects of hydrophobicity and functional groups. 2004 , 274, 380-91		76
984	Sorption and partitioning parameters of benzotriazole compounds. 2004 , 77, 9-17		122
983	Polycyclic aromatic hydrocarbons assessment in the sediments of the Porto Torres Harbor (Northern Sardinia, Italy). 2004 , 86, 15-32		116
982	Characterization of sorption mechanisms of VOCs with organobentonites using a LSER approach. <i>Environmental Science & Technology</i> , 2004 , 38, 489-95	10.3	53
981	The Concentration of Mild-Extracted Polycyclic Aromatic Hydrocarbons in Sewage Sludges. 2004 , 39, 2799-2815		7
980	Compositions and sorptive properties of crop residue-derived chars. <i>Environmental Science & Technology</i> , 2004 , 38, 4649-55	10.3	791
979	Addition of carbon sorbents to reduce PCB and PAH bioavailability in marine sediments: physicochemical tests. <i>Environmental Science & Technology</i> , 2004 , 38, 5458-64	10.3	240
978	Evaluation of current techniques for isolation of chars as natural adsorbents. <i>Environmental Science & Technology</i> , 2004 , 38, 4227-32	10.3	30
977	Sorption nonlinearity for organic contaminants with diesel soot: method development and isotherm interpretation. <i>Environmental Science & Technology</i> , 2004 , 38, 3595-603	10.3	55
976	Solid-phase microextraction to predict bioavailability and accumulation of organic micropollutants in terrestrial organisms after exposure to a field-contaminated soil. <i>Environmental Science & Technology</i> , 2004 , 38, 4842-8	10.3	136
975	Geochemical modulation of pesticide sorption on smectite clay. <i>Environmental Science & Technology</i> , 2004 , 38, 5393-9	10.3	56
974	Bacterial desorption in water-saturated porous media in the presence of rhamnolipid biosurfactant. 2004 , 155, 655-655		
973	The fate of lindane in the conventional activated sludge treatment process. <i>Chemosphere</i> , 2004 , 55, 81-91	10.3	19

972	Abiotic reductive dechlorination of chlorinated ethylenes by soil. <i>Chemosphere</i> , 2004 , 55, 705-13	8.4	22
971	Transport of anthracene and benz(a)anthracene through iron-quartz and three aquifer materials in laboratory columns. <i>Chemosphere</i> , 2004 , 55, 515-24	8.4	15
970	Pollution survey of polycyclic aromatic hydrocarbons in surface water of Hangzhou, China. <i>Chemosphere</i> , 2004 , 56, 1085-95	8.4	64
969	Polycyclic aromatic hydrocarbons, black carbon, and molecular markers in soils of Switzerland. <i>Chemosphere</i> , 2004 , 56, 1061-76	8.4	295
968	Distributions of polycyclic aromatic hydrocarbons in surface waters, sediments and soils of Hangzhou City, China. <i>Water Research</i> , 2004 , 38, 3558-68	12.5	216
967	Sorbed atrazine shifts into non-desorbable sites of soil organic matter during aging. <i>Water Research</i> , 2004 , 38, 3881-92	12.5	38
966	Bacterial desorption in water-saturated porous media in the presence of rhamnolipid biosurfactant. 2004 , 155, 655-61		21
965	The mutagenic hazards of aquatic sediments: a review. 2004 , 567, 151-225		188
964	Hexazinone and simazine dissipation in forestry field nurseries. <i>Chemosphere</i> , 2004 , 54, 1-8	8.4	23
963	Biodegradation of phenanthrene in soil-slurry systems with different mass transfer regimes and soil contents. 2004 , 110, 235-50		22
962	Sorption of chlorinated benzenes on alluvial clays beneath a landfill site. 2004 , 151-159		
961	Oxytetracycline sorption to organic matter by metal-bridging. 2005 , 34, 1964-71		149
960	Antimicrobial contaminant removal by Multistage Slow Sand Filtration. 2005 , 97, 92-100		5
959	Instream Steroid Hormone Levels in a CAFO-impacted Watershed and Biological Removal Strategies. 2005 , 1		
958	Sorption of HOC in soils with carbonaceous contamination: Influence of organic-matter composition. 2005 , 168, 293-306		39
957	The Aquatic Environment. 131-162		1
956	A comparative assessment of volatile organic compound (VOC) sorption to various types of potential GCL bentonites. 2005 , 23, 323-347		51
955	Sorption properties of hydrophobically modified poly(acrylic acids) as natural organic matter model substances to pyrene. 2005 , 260, 119-128		3

954	Adsorption of methomyl on marine sediments. 2005 , 264, 179-186		27
953	Effect of species differences, pollutant concentration, and residence time in soil on the bioaccumulation of 2,2-bis (p-chlorophenyl)-1,1-dichloroethylene by three earthworm species. 2005 , 24, 703-8		32
952	Desorption kinetics of fluoranthene and trifluralin from Lake Huron and Lake Erie, USA, sediments. 2005 , 24, 31-9		45
951	Risk of five polycyclic aromatic hydrocarbons in a terrestrial environment: influence of data variability. 2005 , 24, 995-1003		
950	Predicting sediment metal toxicity using a sediment biotic ligand model: methodology and initial application. 2005 , 24, 2410-27		170
949	Effects of different forms of organic carbon on the partitioning and bioavailability of nonylphenol. 2005 , 24, 1609-17		23
948	Ecological risk assessment of polycyclic aromatic hydrocarbons in sediments: identifying sources and ecological hazard. 2005 , 1, 22-33		241
947	Modelling partitioning and distribution of micropollutants in the lagoon of Venice: a first step towards a comprehensive ecotoxicological model. 2005 , 184, 83-101		10
946	Organic carbon deliveries and their flow related dynamics in the Fitzroy estuary. <i>Marine Pollution Bulletin</i> , 2005 , 51, 119-27	6.7	33
945	Nature, distribution and origin of polycyclic aromatic hydrocarbons (PAHs) in the sediments of Olbia harbor (Northern Sardinia, Italy). <i>Marine Pollution Bulletin</i> , 2005 , 50, 1223-32	6.7	102
944	PCBs in sediments and the coastal food web near a local contaminant source in Saglek Bay, Labrador. <i>Science of the Total Environment</i> , 2005 , 351-352, 264-84	10.2	40
943	The influences of solid-phase organic constituents on the partition of aliphatic and aromatic organic contaminants. 2005 , 286, 127-33		21
942	1-Octanol/Water Partition Coefficients of 5 Pharmaceuticals from Human Medical Care: Carbamazepine, Clofibric Acid, Diclofenac, Ibuprofen, and Propyphenazone. <i>Water, Air, and Soil Pollution</i> , 2005 , 165, 3-11	2.6	107
941	Uptake and Sequestration of Naphthalene and 1,2-Dichlorobenzene by C60. 2005 , 7, 555-567		65
940	. 2005 ,		7
939	. 2005 ,		4
938	The influence of lipids on the energetics of uptake of polycyclic aromatic hydrocarbons by natural organic matter. 2005 , 34, 1055-62		15
937	Adsorption of Polycyclic Aromatic Hydrocarbons in Aged Harbor Sediments. 2005 , 131, 403-409		9

936	Lindane Affinity to Silica Sand as Related to Surface Properties. 2005 , 40, 1277-1291		4
935	Isolation of soil bacteria adapted to degrade humic acid-sorbed phenanthrene. 2005 , 71, 3797-805		101
934	Environmental Forensics Aspects of PAHs from Wood Treatment with Creosote Compounds. 2005 , 6, 151-159		22
933	Selection of Bioreactor Media for Odor Control. 2005 , 65-100		3
932	Sorption kinetics of organic contaminants by sandy aquifer and its kerogen isolate. <i>Environmental Science & Technology</i> , 2005 , 39, 1649-57	10.3	18
931	Electrokinetically Enhanced Remediation of Hydrophobic Organic Compounds in Soils: A Review. 2005 , 35, 115-192		170
930	Exponential increase of publications related to soil water repellency. 2005 , 43, 403		101
929	Determination of dissolved and particle-bound PCB congeners at ultra-trace concentrations in water. 2005 , 85, 531-541		8
928	Importance of black carbon to sorption of native PAHs, PCBs, and PCDDs in Boston and New York harbor sediments. <i>Environmental Science & Technology</i> , 2005 , 39, 141-8	10.3	295
927	Sediment dilution method to determine sorption coefficients of hydrophobic organic chemicals. <i>Environmental Science & Technology</i> , 2005 , 39, 4220-5	10.3	15
926	Effect of microbes on contaminant transfer in the Lake Superior food web. <i>Environmental Science & Technology</i> , 2005 , 39, 9500-8	10.3	6
925	Improved prediction of octanol-water partition coefficients from liquid-solute water solubilities and molar volumes. <i>Environmental Science & Technology</i> , 2005 , 39, 8840-6	10.3	45
924	Bioaccumulation of Organic Chemicals in Contaminated Soils: Evaluation of Bioassays with Earthworms. <i>Environmental Science & Technology</i> , 2005 , 39, 293-298	10.3	73
923	Spectroscopic study of carbaryl sorption on smectite from aqueous suspension. <i>Environmental Science & Technology</i> , 2005 , 39, 9123-9	10.3	34
922	Polyparameter linear free energy relationships for estimating the equilibrium partition of organic compounds between water and the natural organic matter in soils and sediments. <i>Environmental Science & Technology</i> , 2005 , 39, 913-24	10.3	224
921	Impact of sediment organic matter quality on the fate and effects of fluoranthene in the infaunal brittle star <i>Amphiura filiformis</i> . 2005 , 59, 19-45		16
920	Comparison of polycyclic aromatic hydrocarbon distributions and sedimentary organic matter characteristics in contaminated, coastal sediments from Pensacola Bay, Florida. 2005 , 59, 139-63		24
919	Determination of sorption coefficients of pharmaceutically active substances carbamazepine, diclofenac, and ibuprofen, in sandy sediments. <i>Chemosphere</i> , 2005 , 60, 245-53	8.4	167

918	Persistent organic pollutants in soil density fractions: distribution and sorption strength. <i>Chemosphere</i> , 2005 , 59, 1507-15	8.4	26
917	Distribution of polycyclic aromatic hydrocarbons in soil-water system containing a nonionic surfactant. <i>Chemosphere</i> , 2005 , 60, 1237-45	8.4	56
916	Ecological risk assessment for aquatic species exposed to contaminants in Keelung River, Taiwan. <i>Chemosphere</i> , 2005 , 61, 1142-58	8.4	39
915	Correlations of nonlinear sorption of organic solutes with soil/sediment physicochemical properties. <i>Chemosphere</i> , 2005 , 61, 116-28	8.4	32
914	Nonequilibrium sorption of phenols onto geosorbents: the impact of pH on intraparticle mass transfer. <i>Chemosphere</i> , 2005 , 61, 1419-26	8.4	9
913	Desorption kinetics studies on PAH-contaminated soil under varying temperatures. <i>Chemosphere</i> , 2005 , 61, 1529-38	8.4	32
912	Does sediment resuspension by storms affect the fate of polychlorobiphenyls (PCBs) in the benthic food chain? Interactions between changes in POM characteristics, adsorption and absorption by the mussel <i>Mytilus galloprovincialis</i> . 2005 , 25, 2533-2553		21
911	Contamination of polycyclic aromatic hydrocarbons (PAHs) in urban soils in Beijing, China. 2005 , 31, 822-8		232
910	Non-ionic surfactant flushing of pentachlorophenol from NAPL-contaminated soil. <i>Water Research</i> , 2005 , 39, 1388-96	12.5	28
909	Synthesis of amino-phenolic humic-like substances and comparison with natural aquatic humic acids: A multi-analytical techniques approach. 2005 , 36, 1252-1271		27
908	Sorption of 2,4,6-trichlorophenol in model humic acid-clay systems. 2005 , 53, 3548-55		26
907	Remediation Chemistry of Humic Substances: Theory and Implications for Technology. 2005 , 3-36		27
906	Investigation of the role of structural domains identified in sedimentary organic matter in the sorption of hydrophobic organic compounds. <i>Environmental Science & Technology</i> , 2005 , 39, 3925-32	10.3	39
905	PYRENE TOXICITY TO AQUATIC PELAGIC AND BENTHIC ORGANISMS IN SINGLE-SPECIES AND MICROCOSM TESTS. 2005 , 25, 271-298		14
904	Rationale and Procedures for Using the Tissue-Residue Approach for Toxicity Assessment and Determination of Tissue, Water, and Sediment Quality Guidelines for Aquatic Organisms. 2006 , 12, 1018-1073		64
903	Adsorption of ionisable pesticides in soils. 2006 , 188, 149-217		76
902	Preliminary assessment of imidazolium-based room-temperature ionic liquids for extraction of organic contaminants from soils. <i>Environmental Science & Technology</i> , 2006 , 40, 2339-45	10.3	41
901	Polycyclic aromatic hydrocarbons in Niger Delta soil: contamination sources and profiles. 2006 , 2, 343-352		19

890	Role of weathered coal tar pitch in the partitioning of polycyclic aromatic hydrocarbons in manufactured gas plant site sediments. <i>Environmental Science & Technology</i> , 2006 , 40, 5681-7	10.3	48
899	Polycyclic Aromatic Hydrocarbons in the Great Lakes. 307-353		6
898	Black carbon: the reverse of its dark side. <i>Chemosphere</i> , 2006 , 63, 365-77	8.4	413
897	Linear adsorption of nonionic organic compounds from water onto hydrophilic minerals: silica and alumina. <i>Environmental Science & Technology</i> , 2006 , 40, 6949-54	10.3	51
896	Behavior of pesticides in water-sediment systems. 2006 , 187, 133-251		34
895	Measuring the release of organic contaminants from melting snow under controlled conditions. <i>Environmental Science & Technology</i> , 2006 , 40, 3320-6	10.3	49
894	Freely dissolved concentrations of PAHs in soil pore water: measurements via solid-phase extraction and consequences for soil tests. <i>Environmental Science & Technology</i> , 2006 , 40, 1307-13	10.3	84
893	Conditioning-annealing studies of natural organic matter solids linking irreversible sorption to irreversible structural expansion. <i>Environmental Science & Technology</i> , 2006 , 40, 170-8	10.3	57
892	Absence of mobile carbohydrate domains in dry humic substances proven by NMR, and implications for organic-contaminant sorption models. <i>Environmental Science & Technology</i> , 2006 , 40, 1751-6	10.3	38
891	Oil is a sedimentary supersorbent for polychlorinated biphenyls. <i>Environmental Science & Technology</i> , 2006 , 40, 3829-35	10.3	29
890	Polycyclic aromatic hydrocarbons in rainwater and surface waters of Lake Maggiore, a subalpine lake in Northern Italy. <i>Chemosphere</i> , 2006 , 63, 116-31	8.4	67
889	A novel method of predicting soil organic carbon content normalized adsorption coefficients (K _{oc}) of polybrominated biphenyls (PBBs). <i>Chemosphere</i> , 2006 , 64, 574-8	8.4	
888	Distribution and loadings of polycyclic aromatic hydrocarbons in the Xijiang River in Guangdong, South China. <i>Chemosphere</i> , 2006 , 64, 1401-11	8.4	75
887	Sorption of phenanthrene by soils contaminated with heavy metals. <i>Chemosphere</i> , 2006 , 65, 1355-61	8.4	57
886	Assessment of the bioaccessibility of polycyclic aromatic hydrocarbons in soils from Beijing using an in vitro test. 2006 , 140, 279-85		87
885	An exploration of the relationship between adsorption and bioavailability of pesticides in soil to earthworm. 2006 , 141, 428-33		67
884	Distribution of sorbed phenanthrene and pyrene in different humic fractions of soils and importance of humin. 2006 , 143, 24-33		67
883	Organotin accumulation in an estuarine food chain: comparing field measurements with model estimations. 2006 , 61, 511-30		29

882	Removal of low-molecular weight DBPs and inorganic ions for characterization of high-molecular weight DBPs in drinking water. <i>Water Research</i> , 2006 , 40, 1043-51	12.5	4
881	Effects of Increasing Potassium Chloride and Calcium Chloride Ionic Strength on Pesticide Sorption by Potassium- and Calcium-Smectite. <i>Soil Science Society of America Journal</i> , 2006 , 70, 1889-1895	2.5	29
880	Effect of surfactants at low concentrations on the sorption of atrazine by natural sediment. 2006 , 78, 653-60		19
879	Nuclear Magnetic Resonance Based Investigations of Contaminant Interactions with Soil Organic Matter. <i>Soil Science Society of America Journal</i> , 2006 , 70, 995-1004	2.5	25
878	Exchangeable Cation Hydration Properties Strongly Influence Soil Sorption of Nitroaromatic Compounds. <i>Soil Science Society of America Journal</i> , 2006 , 70, 1470-1479	2.5	44
877	Toxicity assessment of polycyclic aromatic hydrocarbons using an air-tight algal toxicity test. 2006 , 54, 309-15		4
876	Uncalibrated modelling of conservative tracer and pesticide leaching to groundwater: comparison of potential Tier II exposure assessment models. 2006 , 62, 537-50		13
875	Characteristics of phenol and chlorinated phenols sorption onto surfactant-modified bentonite. 2006 , 298, 39-49		146
874	Adsorption of atrazine on soils: model study. 2006 , 299, 88-94		46
873	Microheterogeneity of singlet oxygen distributions in irradiated humic acid solutions. 2006 , 311, 1743-7		254
872	How quality and quantity of organic matter affect polycyclic aromatic hydrocarbon desorption from Norwegian harbor sediments. 2006 , 25, 1258-67		36
871	Effect of suspended solids on bioavailability of pyrethroid insecticides. 2006 , 25, 1585-91		74
870	Bioavailability of polycyclic aromatic hydrocarbons in field-contaminated Anacostia River (Washington, DC) sediment. 2006 , 25, 2869-74		28
869	Modeling biphasic sorption and desorption of hydrophobic organic contaminants in sediments. 2006 , 25, 3133-40		16
868	Desorption resistance of polycyclic aromatic hydrocarbons and duration of exposure. 2006 , 25, 2827-33		18
867	Measured partitioning coefficients for parent and alkyl polycyclic aromatic hydrocarbons in 114 historically contaminated sediments: part 1. K(OC) values. 2006 , 25, 2901-11		87
866	Identification of mobile aliphatic sorptive domains in soil humin by solid-state ¹³ C nuclear magnetic resonance. 2006 , 25, 52-7		25
865	The effects of small dam removal on the distribution of sedimentary contaminants. 2006 , 114, 287-312		28

864	Volatilization and Biodegradation of VOCs in Membrane Bioreactors (MBR). 2006 , 6, 83-96		10
863	Statistical Modeling of the Partitioning of Nonylphenol in Soil. <i>Water, Air, and Soil Pollution</i> , 2006 , 172, 221-237	2.6	2
862	Langzeitverhalten organischer Schadstoffe in Boden und Grundwasser. 2006 , 11, 157-163		3
861	Evaluation of peat and lignite phenanthrene sorption properties in relation to coal petrography: The impact of inertinite. 2006 , 68, 30-38		6
860	Sorption of bisphenol A, 17alpha-ethynylestradiol and estrone to mineral surfaces. 2006 , 297, 62-9		69
859	AFM study on the adsorption and aggregation behavior of dissolved humic substances on mica. 2006 , 49, 256-266		16
858	Removal efficiencies of endocrine disrupting chemicals by coagulation/flocculation, ozonation, powdered/granular activated carbon adsorption, and chlorination. 2006 , 23, 399-408		60
857	Distribution of polycyclic aromatic hydrocarbons in riverine waters after Mediterranean forest fires. <i>Science of the Total Environment</i> , 2006 , 355, 156-66	10.2	70
856	Modelling the long-term fate of polychlorinated dibenzo-p-dioxins and furans (PCDD/Fs) in the Grenland Fjords, Norway. <i>Science of the Total Environment</i> , 2006 , 369, 188-202	10.2	12
855	Sources and distribution of aliphatic and polyaromatic hydrocarbons in sediments of Jiaozhou Bay, Qingdao, China. <i>Marine Pollution Bulletin</i> , 2006 , 52, 129-38	6.7	170
854	A 3D hydrodynamic fate and transport model for herbicides in Sacca di Goro coastal lagoon (Northern Adriatic). <i>Marine Pollution Bulletin</i> , 2006 , 52, 1231-48	6.7	31
853	Modeling and interpreting bioavailability of organic contaminant mixtures in subsurface environments. 2006 , 82, 255-92		54
852	Molecular implications of hydrophobic organic partitioning theory. 2006 , 34, 367-374		7
851	Quantitative Aspects of Chemistry toward Modeling. 2006 , 97-142		1
850	Fate and Transport Concepts for Groundwater Systems. 2006 , 231-276		
849	Natural organic matter. 2006 , 299-315		7
848	Predicting the Performance of Activated Carbon-, Coke-, and Soil-Amended Thin Layer Sediment Caps. 2006 , 132, 787-794		57
847	Use of Logarithmic-Scale Correlation Plots to Represent Contaminant Ratios for Evaluation of Subsurface Environmental Data. 2006 , 7, 175-185		2

846	Anthracene. 2006 ,		2
845	Effects of Cosolvent and Temperature on the Desorption of Polynuclear Aromatic Hydrocarbons from Contaminated Sediments of Chien-Jen River, Taiwan. <i>Soil and Sediment Contamination</i> , 2007 , 16, 507-521	3.2	6
844	Metal-specific interactions at the interface of chemistry and biology. 2007 , 79, 2351-2366		19
843	Physico-chemical and environmental characterisation of sediments from Cantabrian estuaries (Northern Spain). 2007 , 10, 41-46		17
842	Sorption isotherms: A review on physical bases, modeling and measurement. 2007 , 22, 249-275		1111
841	Enhanced desorption of phenanthrene from contaminated soil using anionic/nonionic mixed surfactant. 2007 , 147, 350-7		62
840	Partitioning and source diagnostics of polycyclic aromatic hydrocarbons in rivers in Tianjin, China. 2007 , 146, 492-500		78
839	Efficiency of surfactant-enhanced desorption for contaminated soils depending on the component characteristics of soil-surfactant-PAHs system. 2007 , 147, 66-73		105
838	Validation of predicted exponential concentration profiles of chemicals in soils. 2007 , 147, 757-63		15
837	Differences in p,p'-DDE bioaccumulation from compost and soil by the plants <i>Cucurbita pepo</i> and <i>Cucurbita maxima</i> and the earthworms <i>Eisenia fetida</i> and <i>Lumbricus terrestris</i> . 2007 , 148, 539-45		28
836	Assessment of the Mediterranean sediments contamination by persistent organic pollutants. 2007 , 148, 396-408		92
835	Remobilization of polycyclic aromatic hydrocarbons during the resuspension of Yangtze River sediments using a particle entrainment simulator. 2007 , 149, 193-200		49
834	Global fate of POPs: current and future research directions. 2007 , 150, 150-65		399
833	Effect of soil amendments on sorption and mobility of metribuzin in soils. <i>Chemosphere</i> , 2007 , 66, 630-7	8.4	90
832	Removal of PAHs from water using an immature coal (leonardite). <i>Chemosphere</i> , 2007 , 67, 505-12	8.4	76
831	Effect of physical forms of soil organic matter on phenanthrene sorption. <i>Chemosphere</i> , 2007 , 68, 1262-8	8.4	67
830	Effects of black carbon and montmorillonite clay on multiphasic hexachlorobenzene desorption from sediments. <i>Chemosphere</i> , 2007 , 69, 1204-12	8.4	21
829	High-frequency time-series of the dynamic sedimentation processes on the western shelf of the Mississippi River Delta. 2007 , 27, 1600-1615		31

828	Sorption of phenanthrene, naphthalene and o-xylene by soil organic matter fractions. 2007 , 139, 329-335	45
827	Reconstruction of contaminant trends in a salt wedge estuary with sediment cores dated using a multiple proxy approach. 2007 , 64, 225-46	16
826	Surfactant-Enhanced Phytoremediation of Soils Contaminated with Hydrophobic Organic Contaminants: Potential and Assessment . 2007 , 17, 409-418	64
825	Chapter 5 Pollution of Polycyclic Aromatic Hydrocarbons in China. 2007 , 7, 237-287	10
824	Geographical Extrapolation of Pesticide Environmental Fate Data: Challenges, Risks, and Opportunities. 2007 , 100-119	2
823	Ecotoxicological Effects. 2007 , 281-356	10
822	Environmental Modeling. 2007 ,	12
821	Removal of hydrophobic micro-organic pollutants from municipal wastewater treatment plant effluents by sorption onto synthetic polymeric adsorbents: batch sorption experiments. 2007 , 28, 415-24	3
820	The Role of Black Carbon in Influencing Availability of PAHs in Sediments. 2007 , 13, 276-285	40
819	Multi-residues analysis of pre-emergence herbicides in fluvial sediments: application to the mid-Garonne River. 2007 , 9, 1009-17	22
818	Including sorption to black carbon in modeling bioaccumulation of polycyclic aromatic hydrocarbons: uncertainty analysis and comparison to field data. <i>Environmental Science & Technology</i> , 2007 , 41, 2738-44	10.3 34
817	Polychlorinated biphenyl release from resuspended Hudson River sediment. <i>Environmental Science & Technology</i> , 2007 , 41, 1097-103	10.3 44
816	Fate and Transport of 2,4,6-Trinitrotoluene in Loams at a Former Explosives Factory. <i>Soil and Sediment Contamination</i> , 2007 , 16, 159-179	3.2 14
815	Variation in phenanthrene sorption coefficients with soil organic matter fractionation: the result of structure or conformation?. <i>Environmental Science & Technology</i> , 2007 , 41, 153-9	10.3 74
814	Watershed processing of atmospheric polychlorinated biphenyl inputs. <i>Environmental Science & Technology</i> , 2007 , 41, 2331-7	10.3 5
813	Modeling decreased food chain accumulation of PAHs due to strong sorption to carbonaceous materials and metabolic transformation. <i>Environmental Science & Technology</i> , 2007 , 41, 6185-91	10.3 27
812	Characterization and phenanthrene sorption of tea leaf powders. 2007 , 55, 5718-24	57
811	Sorption and diffusion of volatile organic compounds through two thermally treated drill mud wastes. 2007 , 44, 592-602	6

810	Air-water exchange of polychlorinated biphenyls in the Delaware River. <i>Environmental Science & Technology</i> , 2007 , 41, 1152-8	10.3	61
809	Partitioning, desorption, and dechlorination of a PCB congener in sediment slurry supernatants. <i>Environmental Science & Technology</i> , 2007 , 41, 6253-8	10.3	14
808	Qualitative Understanding of the Mechanism of Oil Mineral Interaction as Potential Oil Spill Countermeasure A Review. 2007 , 29, 499-509		9
807	High-Molecular-Weight Petrogenic and Pyrogenic Hydrocarbons in Aquatic Environments. 2007 , 1-50		2
806	Using surfactant-modified clays to determine sorption mechanisms for a representative organic base, quinoline. 2007 , 36, 1803-10		7
805	An integrated geochemical and hydrodynamic model for tidal coastal environments. 2007 , 103, 15-29		6
804	Impact of exotic and inherent dissolved organic matter on sorption of phenanthrene by soils. 2007 , 140, 138-44		55
803	Monitoring Subsurface Contamination Using Tree Branches. 2007 , 27, 65-74		40
802	The use of coarse, separable, condensed-phase organic carbon particles to characterize desorption resistance of polycyclic aromatic hydrocarbons in contaminated sediments. 2007 , 26, 1380-5		5
801	Bioavailability of polycyclic aromatic hydrocarbons sequestered in sediment: microbial study and model prediction. 2007 , 26, 878-83		18
800	Measured partition coefficients for parent and alkyl polycyclic aromatic hydrocarbons in 114 historically contaminated sediments: part 2. Testing the K(OC)K(BC) two carbon-type model. 2007 , 26, 2505-16		52
799	Comparison of polycyclic aromatic hydrocarbons in sediments from the Songhuajiang River (China) during different sampling seasons. 2007 , 42, 119-27		22
798	The fate of dissolved organic carbon (DOC) in the wastewater treatment process and its importance in the removal of wastewater contaminants. 2007 , 14, 284-92		94
797	The chemistry of suspended particulate material in a highly contaminated embayment of Port Jackson (Australia) under quiescent, high-wind and heavy-rainfall conditions. 2007 , 53, 501-516		31
796	Biodegradation of PAHs and PCBs in Soils and Sludges. <i>Water, Air, and Soil Pollution</i> , 2007 , 181, 281-296	2.6	16
795	The Importance of Precedent Hydro-climatological Conditions for the Mass Transfer of Pollutants in Separated Sewer Systems and Corresponding Tributaries During Storm Events. <i>Water, Air, and Soil Pollution</i> , 2007 , 182, 357-368	2.6	6
794	Determination of Solute Organic Concentration in Contaminated Soils Using a Chemical-equilibrium Soil Column System. <i>Water, Air, and Soil Pollution</i> , 2007 , 183, 377-389	2.6	14
793	Environmental assessment of aromatic hydrocarbons-contaminated sediments of the Mexican Salina Cuz Bay. 2007 , 133, 187-207		10

792	Schadstoffausbreitung unter Annahme verschiedener kinetischer Ansätze zur Modellierung mikrobiellen Abbaus. 2007 , 12, 15-25		5
791	Adsorption and partition of benzo(a)pyrene on sediments with different particle sizes from the Yellow River. 2007 , 1, 172-178		1
790	Adsorption of Microcystin LR and LW on Suspended Particulate Matter (SPM) at Different pH. <i>Water, Air, and Soil Pollution</i> , 2008 , 192, 67-76	2.6	32
789	Distribution and partition of polycyclic aromatic hydrocarbon in surface water of the Pearl River Estuary, South China. 2008 , 145, 427-36		52
788	Properties and distribution of sediment in the Salton Sea, California: an assessment of predictive models. 2008 , 604, 97-110		13
787	Concentrations and bioaccessibility of polycyclic aromatic hydrocarbons in wastewater-irrigated soil using in vitro gastrointestinal test. 2008 , 15, 344-53		38
786	Dioxins, chlorophenols and other chlorinated organic pollutants in colloidal and water fractions of groundwater from a contaminated sawmill site. 2008 , 15, 463-71		33
785	Biocompost from sugar distillery effluent: effect on metribuzin degradation, sorption and mobility. 2008 , 64, 1057-62		19
784	A Fully Continuous Supercritical Fluid Extraction System for Contaminated Soil. 2008 , 85, 233-239		
783	Naphthalene degradation in water by heterogeneous photocatalysis: An investigation of the influence of inorganic anions. 2008 , 193, 193-203		153
782	Modeling water and sediment contamination of Lake Pontchartrain following pump-out of Hurricane Katrina floodwater. <i>Journal of Environmental Management</i> , 2008 , 87, 429-42	7.9	19
781	Distribution of polycyclic aromatic hydrocarbons in water, sediment and soil in drinking water resource of Zhejiang Province, China. 2008 , 150, 308-16		76
780	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in water and suspended particulate matter from the Xijiang River, China. 2008 , 152, 40-7		29
779	Impacts of environmental conditions on the sorption of volatile organic compounds onto tire powder. 2008 , 153, 157-63		3
778	Soil washing using various nonionic surfactants and their recovery by selective adsorption with activated carbon. 2008 , 154, 153-60		122
777	Sorption of p-nitrophenol onto sediment in the presence of cetylpyridinium chloride and Pb(NO ₃) ₂ : influence of pH. 2008 , 155, 225-9		6
776	Mathematical evaluation of activated carbon adsorption for surfactant recovery in a soil washing process. 2008 , 160, 13-9		14
775	Enhanced sorption of phenanthrene on activated carbon in surfactant solution. 2008 , 46, 1401-1410		25

774	Partitioning characteristics of PAHs between sediment and water in a shallow lake. 2008 , 8, 69-73		56
773	Desorption of Dieldrin from field aged sediments: Simulating flood events. 2008 , 8, 80-85		15
772	Organochlorine pesticides in the surface water and sediments of the Pearl River Estuary, South China. 2008 , 27, 10-7		35
771	Resistant desorption of hydrophobic organic contaminants in typical chinese soils: implications for long-term fate and soil quality standards. 2008 , 27, 235-42		19
770	Estimation of the soil-water partition coefficient normalized to organic carbon for ionizable organic chemicals. 2008 , 27, 1995-2004		125
769	Ecotoxicological environmental risk limits for total petroleum hydrocarbons on the basis of internal lipid concentrations. 2008 , 27, 2436-48		34
768	Water-column concentrations and partitioning of polybrominated diphenyl ethers in the New York/New Jersey Harbor, USA. 2008 , 27, 1636		17
767	Sorption of polar and nonpolar aromatic compounds to two humic acids with varied structural heterogeneity. 2008 , 27, 2449-56		26
766	Organic matter dynamics and budgets in the turbidity maximum zone of the Seine Estuary (France). 2008 , 77, 150-162		22
765	Solubility and sorption of petroleum hydrocarbons in water and cosolvent systems. <i>Journal of Environmental Sciences</i> , 2008 , 20, 1177-82	6.4	9
764	On the use of the partitioning approach to derive Environmental Quality Standards (EQS) for persistent organic pollutants (POPs) in sediments: a review of existing data. <i>Science of the Total Environment</i> , 2008 , 403, 23-33	10.2	24
763	Use of the clam <i>Asaphis deflorata</i> as a potential indicator of organochlorine bioaccumulation in Hong Kong coastal sediments. <i>Marine Pollution Bulletin</i> , 2008 , 57, 672-80	6.7	8
762	Natural attenuation of a plume from an emplaced coal tar creosote source over 14 years. 2008 , 100, 101-15		24
761	Rebound of a coal tar creosote plume following partial source zone treatment with permanganate. 2008 , 102, 154-71		33
760	Sorption behavior of bisphenol A on marine sediments. 2008 , 43, 239-46		30
759	Effects of sodium dodecylbenzenesulfonate on uptake of pyrene by fish gills. 2008 , 43, 247-54		
758	Sorption and desorption of phenanthrene onto iron, copper, and silicon dioxide nanoparticles. 2008 , 24, 10929-35		34
757	Absorption or adsorption? Insights from molecular probes n-alkanes and cycloalkanes into modes of sorption by environmental solid matrices. <i>Environmental Science & Technology</i> , 2008 , 42, 3989-95 ^{10.3}		34

756	Impact of lux gene insertion on bacterial surface properties and transport. 2008 , 159, 145-51		1
755	Predicting organic carbon-water partitioning of hydrophobic organic chemicals in soils and sediments based on water solubility. <i>Water Research</i> , 2008 , 42, 3775-80	12.5	33
754	Pesticide behaviour in Quaternary sediments. 2008 , 16, 411-418		1
753	Partitioning of polycyclic aromatic hydrocarbons to solid-sorbed nonionic surfactants. 2008 , 152, 130-7		33
752	Seasonal air-water exchange fluxes of polychlorinated biphenyls in the Hudson River Estuary. 2008 , 152, 443-51		35
751	Distribution and sources of polycyclic aromatic hydrocarbons in surface sediments of rivers and an estuary in Shanghai, China. 2008 , 154, 298-305		163
750	Acute toxicity of pesticides to the tropical freshwater shrimp <i>Caridina laevis</i> . 2008 , 69, 421-7		30
749	Absorption of polycyclic aromatic hydrocarbons to cellulose. <i>Chemosphere</i> , 2008 , 70, 778-82	8.4	42
748	Lability of polycyclic aromatic hydrocarbons in the rhizosphere. <i>Chemosphere</i> , 2008 , 70, 1644-52	8.4	45
747	Influences of preparative methods of humic acids on the sorption of 2,4,6-trichlorophenol. <i>Chemosphere</i> , 2008 , 70, 1218-27	8.4	11
746	Comparison of two reference black carbons using a planar PCB as a model sorbate. <i>Chemosphere</i> , 2008 , 71, 621-8	8.4	9
745	Use of a column leaching test to study the mobility of chlorinated HOCs from a contaminated soil and the distribution of compounds between soluble and colloid phases. <i>Chemosphere</i> , 2008 , 71, 1035-42	8.4	24
744	Effects of aging and sediment composition on hexachlorobenzene desorption resistance compared to oral bioavailability in rats. <i>Chemosphere</i> , 2008 , 72, 432-41	8.4	16
743	PAHs and PCBs deposited in surficial sediments along a rural to urban transect in a mid-Atlantic coastal river basin (USA). 2008 , 43, 1333-45		12
742	Interactions among K ⁺ -Ca ²⁺ exchange, sorption of m-dinitrobenzene, and smectite quasicrystal dynamics. <i>Environmental Science & Technology</i> , 2008 , 42, 9099-103	10.3	11
741	Degradation of Aromatic and Polyaromatic Compounds. 2008 , 211-239		18
740	The Lake Michigan eutrophication model, LM3-Eutro: model development and calibration. 2008 , 80, 853-61		9
739	Effect of Contaminant Hydrophobicity in the Treatment of Contaminated Soils by Catalyzed H ₂ O ₂ Propagations (Modified Fenton's Reagent). 2008 , 11,		1

738	Effect of temperature on the distribution of polycyclic aromatic hydrocarbons in soil and sediment. 2008 , 3, 231-240		22
737	Sorption of aromatic compounds to clay mineral and model humic substance-clay complex: effects of solute structure and exchangeable cation. 2008 , 37, 817-23		21
736	Environmental Media Phase-Tracking Units in the Classroom. 2009 , 57, 206-213		
735	Congener specific organic carbon normalized soil and sediment-water partitioning coefficients for the C1 through C8 perfluorinated alkylsulfonic and alkylcarboxylic acids. 2009 ,		
734	Congener specific organic carbon normalized soil and sediment-water partitioning coefficients for the C~1~ through C~8~ perfluoroalkyl carboxylic and sulfonic acids. 2009 ,		1
733	Congener-specific organic carbon-normalized soil and sediment-water partitioning coefficients for the C1 through C8 perfluoroalkyl carboxylic and sulfonic acids. 2009 , 44, 1374-87		22
732	Numerical Simulation of Chemical Spills Using CCHE2D Model and Chemical Property Database. 2009 ,		1
731	Study of an organoclay for the sorption of dissolved organic compounds in the wastewaters from offshore platform operation. 2009 , 59, 1495-503		1
730	Transport of Colloids and Associated Hydrophobic Organic Chemicals through a Natural Media Filter. 2009 , 135, 36-45		9
729	Source apportionment of polycyclic aromatic hydrocarbons (PAHs) in surface sediments of the Huangpu River, Shanghai, China. <i>Science of the Total Environment</i> , 2009 , 407, 2931-8	10.2	242
728	Polycyclic aromatic hydrocarbons in coastal sediments of southwest Taiwan: an appraisal of diagnostic ratios in source recognition. <i>Marine Pollution Bulletin</i> , 2009 , 58, 752-60	6.7	72
727	Comparison of steady-state and transient flow conditions on reactive transport of contaminants in the vadose soil zone. 2009 , 369, 225-233		24
726	Effects of temperature and surfactants on naphthalene and phenanthrene sorption by soil. <i>Journal of Environmental Sciences</i> , 2009 , 21, 667-74	6.4	24
725	Effect of biosurfactant on the sorption of phenanthrene onto original and H2O2-treated soils. <i>Journal of Environmental Sciences</i> , 2009 , 21, 1378-85	6.4	24
724	Sediment storage in the shallow hyporheic of lowland vegetated river reaches. 2009 , 23, 2239-2251		48
723	Mobilization and biodegradation of 2-methylnaphthalene by amphiphilic polyurethane nano-particle. 2009 , 159, 1-10		9
722	Occurrence and distribution of chlorobenzenes in the Tonghui river of Beijing, China. 2009 , 57, 32-41		12
721	Photosensitized oxidation of tetrabromobisphenol a by humic acid in aqueous solution. 2009 , 85, 1299-305		32

720	Evolution of models for sorption of PAHs and PCBs on geosorbents. 2009 , 28, 466-482		29
719	Surfactant-soil interactions during surfactant-amended remediation of contaminated soils by hydrophobic organic compounds: a review. <i>Journal of Environmental Management</i> , 2009 , 90, 95-100	7.9	160
718	Tool for assessment of process importance at the groundwater/surface water interface. <i>Journal of Environmental Management</i> , 2009 , 91, 87-101	7.9	3
717	Removal of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans by three coagulants in simulated coagulation processes for drinking water treatment. 2009 , 162, 180-5		10
716	Distribution characteristics of phenanthrene in the water, suspended particles and sediments from Yangtze River under hydrodynamic conditions. 2009 , 165, 441-6		15
715	Sediment-porewater partition of polycyclic aromatic hydrocarbons (PAHs) from Lanzhou Reach of Yellow River, China. 2009 , 165, 494-500		47
714	Sorption of endrin to montmorillonite and kaolinite clays. 2009 , 168, 210-4		33
713	Static and dynamic sorption of phenanthrene in mangrove sediment slurry. 2009 , 168, 1422-9		13
712	Kinetics and thermodynamics of adsorption of cadusafos on soils. 2009 , 172, 1608-16		41
711	Analysis of perfluorinated chemicals in sludge: method development and initial results. 2009 , 1216, 7831-9		54
710	A passive sampler based on solid-phase microextraction for quantifying hydrophobic organic contaminants in sediment pore water. 2009 , 28, 733-40		56
709	Sorption of nitroaromatics to soils: comparison of the importance of soil organic matter versus clay. 2009 , 28, 1447-54		23
708	Sorption of Buckminsterfullerene (C60) to saturated soils. <i>Environmental Science & Technology</i> , 2009 , 43, 7370-5	10.3	20
707	Effects of cetyltrimethylammonium chloride on uptake of pyrene by fish gills. 2009 , 44, 791-8		1
706	Comment on "PCB association with model phospholipid bilayers". <i>Environmental Science & Technology</i> , 2009 , 43, 5155-6; author reply 5157	10.3	3
705	Sorption of alkylphenols on Ebro River sediments: comparing isotherms with field observations in river water and sediments. 2009 , 157, 698-703		47
704	The organic contamination level based on the total soil mass is not a proper index of the soil contamination intensity. 2009 , 157, 2928-32		12
703	Matrix solid-phase microextraction for measuring freely dissolved concentrations and chemical activities of PAHs in sediment cores from the western Baltic Sea. <i>Chemosphere</i> , 2009 , 74, 522-9	8.4	57

702	Naphthalene and phenanthrene sorption to very low organic content diatomaceous earth: modeling implications for microbial bioavailability. <i>Chemosphere</i> , 2009 , 74, 1134-44	8.4	8
701	Effect of organic carbon and pH on soil sorption of sulfamethazine. <i>Chemosphere</i> , 2009 , 76, 558-64	8.4	157
700	Influence of soil properties on the biodegradation of 1,3,6,8-tetrachlorodibenzo-p-dioxin and fungal treatment of contaminated paddy soil by white rot fungus <i>Phlebia brevispora</i> . <i>Chemosphere</i> , 2009 , 75, 1294-300	8.4	16
699	Reduced sulfur species in a stratified seawater lake (Rogoznica Lake, Croatia); seasonal variations and argument for organic carriers of reactive sulfur. 2009 , 73, 3738-3751		38
698	Persistence and partitioning of eight selected pharmaceuticals in the aquatic environment: laboratory photolysis, biodegradation, and sorption experiments. <i>Water Research</i> , 2009 , 43, 351-62	12.5	384
697	Estimating the in situ sediment-porewater distribution of PAHs and chlorinated aromatic hydrocarbons in anthropogenic impacted sediments. <i>Environmental Science & Technology</i> , 2009 , 43, 5576-85	10.3	84
696	Magnetic permanently confined micelle arrays for treating hydrophobic organic compound contamination. 2009 , 131, 182-8		107
695	Polycyclic aromatic hydrocarbons and n-alkanes in sediments of the Upper Scheldt River Basin: contamination levels and source apportionment. 2009 , 11, 1086-93		26
694	Environmental Contamination Risks Due to Leaking Underground Fuel Tanks (LUFT) of Gas Stations in AlQassim Region, Saudi Arabia. 2009 ,		1
693	Characteristics of Soil Organic Matter and Sorption of Phenanthrene, Naphthalene 1,3,5-TCB and o-Xylene. <i>Soil and Sediment Contamination</i> , 2009 , 18, 229-241	3.2	6
692	Inputs and sources of hydrocarbons in sediments from Cienfuegos bay, Cuba. <i>Marine Pollution Bulletin</i> , 2009 , 58, 1624-34	6.7	50
691	Basic Chemical Thermodynamics. 2009 , 29-58		
690	Bacterial deposition in unsaturated porous media as related to surface properties. 2010 , 40, 363		4
689	Accumulation of Polycyclic Aromatic Hydrocarbons in some lichens of Garhwal Himalayas, India. 2010 , 5, 104		14
688	Sorption of estrogens onto different fractions of sediment and its effect on vitellogenin expression in male Japanese medaka. 2010 , 59, 147-56		20
687	Potential for biodegradation and sorption of acetaminophen, caffeine, propranolol and acebutolol in lab-scale aqueous environments. 2010 , 183, 242-50		125
686	Partitioning of endocrine disrupting compounds in inland waters and wastewaters discharged into the coastal area of Thessaloniki, Northern Greece. 2010 , 17, 529-38		53
685	Effect of SDBS between 80 mixed surfactants on the distribution of polycyclic aromatic hydrocarbons in soil/water system. 2010 , 10, 1123-1130		30

684	Simulation of polycyclic aromatic hydrocarbon remobilization in typical active regions of river system under hydrodynamic conditions. 2010 , 10, 1380-1387		5
683	Using solid-phase microextraction to evaluate the role of different carbon matrices in the distribution of PAHs in sediment-porewater systems of the Baltic Sea. 2010 , 10, 1388-1400		11
682	Origin and analysis of aliphatic and cyclic hydrocarbons in northeast United Kingdom coastal marine sediments. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1136-41	6.7	8
681	Investigating roles of organic and inorganic soil components in sorption of polar and nonpolar aromatic compounds. 2010 , 158, 319-24		28
680	Sources and distribution of polycyclic aromatic hydrocarbons in sediments from the Spanish northern continental shelf. Assessment of spatial and temporal trends. 2010 , 158, 1551-60		60
679	Sterilization affects soil organic matter chemistry and bioaccumulation of spiked p,p'-DDE and anthracene by earthworms. 2010 , 158, 2251-7		23
678	Modeling polychlorinated biphenyl sorption isotherms for soot and coal. 2010 , 158, 2672-8		24
677	Effect of <i>Pinus radiata</i> derived biochars on soil sorption and desorption of phenanthrene. 2010 , 158, 2821-5		149
676	Soil sterilization affects aging-related sequestration and bioavailability of p,p'-DDE and anthracene to earthworms. 2010 , 158, 3285-9		14
675	Sorption of benzimidazole anthelmintics to dissolved organic matter surrogates and sewage sludge. <i>Chemosphere</i> , 2010 , 80, 256-62	8.4	28
674	Dieldrin uptake and translocation in plants growing in hydroponic medium. 2010 , 29, 142-8		32
673	Fraction of organic carbon predicts labile desorption rates of chlorinated organic pollutants in laboratory-spiked geosorbents. 2010 , 29, 1049-55		5
672	Dioxin transfer from sediment to the infaunal surface deposit-feeding polychaete <i>Perinereis nuntia</i> in a laboratory-rearing experiment. 2010 , 29, 1512-9		8
671	Bioavailability of hexabromocyclododecane to the polychaete <i>Hediste diversicolor</i> : exposure through sediment and food from a contaminated fjord. 2010 , 29, 1709-15		7
670	Exchange of polycyclic aromatic hydrocarbons among the atmosphere, water, and sediment in coastal embayments of southern California, USA. 2010 , 29, 265-274		27
669	Surface solubilization of phenanthrene by surfactant sorbed on soils with different organic matter contents. 2010 , 177, 799-806		22
668	Biosorption and biodegradation of polycyclic aromatic hydrocarbons in aqueous solutions by a consortium of white-rot fungi. 2010 , 179, 845-51		108
667	Adsorption of polycyclic aromatic hydrocarbons from water using petroleum coke-derived porous carbon. 2010 , 181, 1115-20		137

666	Enhanced soil retention for o-nitroaniline by the addition of a mixture of a cationic surfactant (Cetyl Pyridinium Chloride) and a nonionic surfactant (Polyethylene Glycol Mono-4-nonylphenyl Ether). 2010 , 182, 757-62		10
665	Experimental studies on removal of microcystin-LR by peat. 2010 , 184, 417-424		50
664	Potential use of densified polymer-pastefill mixture as waste containment barrier materials. 2010 , 30, 2570-8		27
663	Effects of Low-Molecular-Weight Organic Acids on Sorption/Desorption of Phenanthrene in Soils. <i>Soil Science Society of America Journal</i> , 2010 , 74, 51-59	2.5	48
662	Desorption kinetics of naphthalene from sediment particles: batch and stepwise desorption approach. 2010 , 61, 1011-7		
661	Pesticide sorption in typical Central European soils evaluated using a photometric microplate assay based on acetylcholinesterase inhibition. 2010 , 8, 41-46		2
660	Identifying components in dissolved humic acid that bind organofluorine contaminants using (1)H{(19)F} reverse heteronuclear saturation transfer difference NMR spectroscopy. <i>Environmental Science & Technology</i> , 2010 , 44, 5476-82	10.3	33
659	Micropollutant and sludge characterization for modeling sorption equilibria. <i>Environmental Science & Technology</i> , 2010 , 44, 1100-6	10.3	43
658	Predicting sediment sorption coefficients for linear alkylbenzenesulfonate congeners from polyacrylate-water partition coefficients at different salinities. <i>Environmental Science & Technology</i> , 2010 , 44, 941-7	10.3	15
657	Characterization of adsorption and degradation of diuron in carbonatic and noncarbonatic soils. 2010 , 58, 1055-61		15
656	Bioavailability of PAHs in aluminum smelter affected sediments: evaluation through assessment of pore water concentrations and in vivo bioaccumulation. <i>Environmental Science & Technology</i> , 2010 , 44, 9291-7	10.3	17
655	Sorption and desorption of antibiotic tetracycline on marine sediments. <i>Chemosphere</i> , 2010 , 78, 430-6	8.4	161
654	Adsorption of MCPA on goethite and humic acid-coated goethite. <i>Chemosphere</i> , 2010 , 78, 1403-8	8.4	48
653	Effect of humic acids on pentachlorophenol sorption to cetyltrimethylammonium-modified, Fe- and Al-pillared montmorillonites. 2010 , 50, 58-63		29
652	Diphosphonium ion-exchanged montmorillonite for Telon dye removal from aqueous media. 2010 , 50, 354-361		19
651	Trends in PAH and black carbon source and abundance in a tropical mangrove system and possible association with bioavailability. 2010 , 41, 1146-1155		9
650	Mass transfer model of nanoparticle-facilitated contaminant transport in saturated porous media. <i>Water Research</i> , 2010 , 44, 1028-37	12.5	13
649	A three-compartment model for micropollutants sorption in sludge: methodological approach and insights. <i>Water Research</i> , 2010 , 44, 616-24	12.5	34

648	Elimination and fate of selected micro-organic pollutants in a full-scale anaerobic/anoxic/aerobic process combined with membrane bioreactor for municipal wastewater reclamation. <i>Water Research</i> , 2010 , 44, 5999-6010	12.5	181
647	Mobilization of hydrophobic contaminants from soils by enzymatic depolymerization of soil organic matter. <i>Chemosphere</i> , 2010 , 78, 996-1003	8.4	7
646	Study on the sorption behaviors of Tween-80 on marine sediments. <i>Chemosphere</i> , 2010 , 79, 1019-25	8.4	14
645	Safety assessment of the source water within the Pearl River Delta on the aspect of organochlorine pesticides contamination. 2010 , 12, 1666-77		20
644	Spatial distribution and partitioning of polychlorinated biphenyls in Tokyo Bay, Japan. 2010 , 12, 838-45		25
643	Assessment on the distribution and partitioning characteristics of polycyclic aromatic hydrocarbons (PAHs) in Lake Baiyangdian, a shallow freshwater lake in China. 2011 , 13, 681-8		16
642	Distribution, sources, and potential toxicological significance of PAHs in drinking water sources within the Pearl River Delta. 2011 , 13, 1457-63		24
641	Occurrence of PAHs and PCBs in the Alna River, Oslo (Norway). 2011 , 13, 2420-6		11
640	Detection of environmentally persistent free radicals at a superfund wood treating site. <i>Environmental Science & Technology</i> , 2011 , 45, 6356-65	10.3	77
639	Effects of chain length, chlorination degree, and structure on the octanol-water partition coefficients of polychlorinated n-alkanes. <i>Environmental Science & Technology</i> , 2011 , 45, 2842-9	10.3	98
638	Role of black carbon in the sorption of polychlorinated dibenzo-p-dioxins and dibenzofurans at the Diamond Alkali superfund site, Newark Bay, New Jersey. <i>Environmental Science & Technology</i> , 2011 , 45, 4331-8	10.3	22
637	Modeling the long-term and transient evolution of biogeochemical and isotopic signatures in coal tar-contaminated aquifers. 2011 , 47,		18
636	Contaminants at Former Manufactured Gas Plants: Sources, Properties, and Processes. 2011 , 41, 1883-1969		25
635	Biodegradation and Bioremediation of TNT and Other Nitro Explosives. 2011 , 167-181		2
634	Adsorption of clofibric acid and ketoprofen onto powdered activated carbon: effect of natural organic matter. 2011 , 33, 1719-27		36
633	Bioremediation approaches for organic pollutants: a critical perspective. 2011 , 37, 1362-75		635
632	Characterization of bottom sediments in lakes using hydroacoustic methods and comparison with laboratory measurements. <i>Water Research</i> , 2011 , 45, 4399-408	12.5	8
631	A linear solvation energy relationship model of organic chemical partitioning to particulate organic carbon in soils and sediments. 2011 , 30, 2013-22		21

630	Biochar Application to Soil. 2011 , 103-143		352
629	Sorption of organic contaminants by Oxford Clay and Mercia Mudstone landfill liners. 2011 , 44, 345-360		7
628	NMR Application in Environmental Research on Anthropogenic Organic Compounds. 2011 , 315-340		1
627	Interactions between Humic Substances and Hydrophobic Organic Pollutants and Their Applications to Soil Remediation. 2011 , 60, 895-909		5
626	Repeated applications of tannins and related phenolic compounds are retained by soil and affect cation exchange capacity. 2011 , 43, 1139-1147		27
625	Review of unsaturated-zone transport and attenuation of volatile organic compound (VOC) plumes leached from shallow source zones. 2011 , 123, 130-56		108
624	Effects on aquatic and human health due to large scale bioenergy crop expansion. <i>Science of the Total Environment</i> , 2011 , 409, 3215-29	10.2	35
623	The factors controlling the partitioning of polybrominated diphenyl ethers and polychlorinated biphenyls in the water-column of the Pearl River Estuary in South China. <i>Marine Pollution Bulletin</i> , 2011 , 62, 29-35	6.7	52
622	Sorption behavior of phenanthrene in Yangtze estuarine sediments: sequential separation. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1025-31	6.7	9
621	Distribution of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) in surface water and sediments from Baiyangdian Lake in North China. <i>Journal of Environmental Sciences</i> , 2011 , 23, 1640-9	6.4	80
620	Inside-sediment partitioning of PAH, PCB and organochlorine compounds and inferences on sampling and normalization methods. 2011 , 159, 924-31		9
619	Biogeochemical dynamics of perfluorinated alkyl acids and sulfonates in the River Seine (Paris, France) under contrasting hydrological conditions. 2011 , 159, 3634-9		44
618	Temperature-dependent sorption of polycyclic aromatic hydrocarbons on natural and treated sediments. <i>Chemosphere</i> , 2011 , 82, 895-900	8.4	18
617	Determination of n-octanol/water partition coefficient for DDT-related compounds by RP-HPLC with a novel dual-point retention time correction. <i>Chemosphere</i> , 2011 , 83, 131-6	8.4	34
616	Structure-related distribution of PCDD/Fs, PCBs and HCB in a river-sea system. <i>Chemosphere</i> , 2011 , 83, 85-94	8.4	30
615	Source apportionment of polychlorinated biphenyls in the New York/New Jersey Harbor. <i>Chemosphere</i> , 2011 , 83, 792-8	8.4	49
614	Historical record and source apportionment of polycyclic aromatic hydrocarbons in the Lianhuan Lake sediments. 2011 , 20, 951-8		15
613	Concentrations, distributions, and sources of polychlorinated biphenyls and polycyclic aromatic hydrocarbons in bed sediments of the water reservoirs in Slovakia. 2011 , 173, 883-97		28

612	Organochlorine pesticide residues in sediments from coastal environment of Cantabria (northern Spain) and evaluation of the Atlantic Ocean. 2011 , 176, 385-401	14
611	Polychlorinated biphenyls in sediments from Ghar El Melh lagoon, Tunisia. 2011 , 86, 539-44	19
610	Phenanthrene sorption to Chinese coal: importance of coal's geochemical properties. 2011 , 192, 86-92	8
609	Resuspension of polychlorinated biphenyl-contaminated field sediment: release to the water column and determination of site-specific K _{DOC} . 2011 , 30, 377-84	16
608	Impact of coal structural heterogeneity on the nonideal sorption of organic contaminants. 2011 , 30, 1310-9	14
607	Selected pesticides adsorption and desorption in substrates from artificial wetland and forest buffer. 2011 , 30, 1669-76	34
606	A linear solvation energy relationship model of organic chemical partitioning to dissolved organic carbon. 2011 , 30, 2023-9	16
605	Method development for aquatic ecotoxicological characterization factor calculation for hydrocarbon mixtures in life cycle assessment. 2011 , 30, 2342-52	7
604	Removal of polycyclic aromatic hydrocarbons from aqueous solution using plant residue materials as a biosorbent. 2011 , 188, 436-42	91
603	Adsorption of atrazine from aqueous electrolyte solutions on humic acid and silica. 2011 , 356, 277-85	32
602	Determination and remediation of contaminants in the soil from diesel leakage accident near the Weihe River. 2011 ,	
601	Hazardous waste in the Asian Pacific region. 2011 , 26, 31-8	
600	Bioavailability of polycyclic aromatic hydrocarbons in size fractions of field-contaminated sediment. 2011 ,	
599	Modeling Organic Compounds in the Estuarine and Coastal Environment. 2011 , 161-203	
598	Relating Clay Structural Factors to Dioxin Adsorption by Smectites: Molecular Dynamics Simulations. <i>Soil Science Society of America Journal</i> , 2012 , 76, 110-120	2.5 23
597	Role of Soil Organic Matter on the Sorption and Cosorption of Endosulfan and Chlorpyrifos on Agricultural Soils. 2012 , 138, 426-435	12
596	Linear and non-linear relationships between soil sorption and hydrophobicity. 2012 , 23, 111-23	2
595	Reviews of Environmental Contamination and Toxicology. 2012 ,	3

594	Emerging and Priority Pollutants in Rivers. <i>Handbook of Environmental Chemistry</i> , 2012 ,	0.8	14
593	Persistent Organic Pollutants in the European Atmosphere. <i>Handbook of Environmental Chemistry</i> , 2012 , 75-100	0.8	0
592	Uses and Environmental Pollution of Biocides. 2012 , 20-45		3
591	Partitioning of polycyclic aromatic hydrocarbons in sediment and porewater from Ondo coastal area, Nigeria. 2012 , 32, 363-370		8
590	Interactions with DOM and biofilms affect the fate and bioavailability of insecticides to invertebrate grazers. 2012 , 21, 2398-408		23
589	Polyfunctional ionogenic compound sorption: challenges and new approaches to advance predictive models. <i>Environmental Science & Technology</i> , 2012 , 46, 9209-23	10.3	84
588	Advection dominated transport of polycyclic aromatic hydrocarbons in amended sediment caps. <i>Environmental Science & Technology</i> , 2012 , 46, 5032-9	10.3	21
587	In-situ molecular-level elucidation of organofluorine binding sites in a whole peat soil. <i>Environmental Science & Technology</i> , 2012 , 46, 10508-13	10.3	23
586	Determination of n-octanol/water partition coefficients of weak ionizable solutes by RP-HPLC with neutral model compounds. 2012 , 97, 355-61		21
585	Organo/LDH nanocomposite as an adsorbent of polycyclic aromatic hydrocarbons in water and soil-water systems. 2012 , 225-226, 74-80		54
584	Evaluation of surface sediment contamination by polycyclic aromatic hydrocarbons in the "Saco do Laranjal"--(Patos Lagoon, Brazil). <i>Marine Pollution Bulletin</i> , 2012 , 64, 1933-7	6.7	7
583	Mutagenicity and genotoxicity of suspended particulate matter in the Seine river estuary. 2012 , 741, 7-12		14
582	Transport and Sorption. 2012 , 111-132		
581	Direct calculation of 1-octanol-water partition coefficients from adaptive biasing force molecular dynamics simulations. 2012 , 137, 014502		38
580	Accumulation of polychlorinated biphenyls from contaminated sediment by Atlantic cod (<i>Gadus morhua</i>): direct accumulation from resuspended sediment and dietary accumulation via the polychaete <i>Nereis virens</i> . 2012 , 31, 2472-81		18
579	Humic Substances. 2012 , 4, 391-456		12
578	Anaerobic Removal of Trace Organic Contaminants in Sewage Sludge: 15 Years of Experience. 2012 , 22, 508-517		28
577	Adsorption and desorption of chlorpyrifos to soils and sediments. 2012 , 215, 123-75		51

576	Sorption and mobility of two micropollutants in three agricultural soils: A comparative analysis of their behavior in batch and column experiments. 2012 , 189-190, 462-468		21
575	Environmental Chemistry for a Sustainable World. 2012 ,		8
574	Environmental Modeling. 2012 ,		18
573	Distribution and bioconcentration of polycyclic aromatic hydrocarbons in surface water and fishes. 2012 , 2012, 632910		28
572	Herbicide Fate in Turf. 2012 , 109-151		
571	Increasing PAH (bio)accessibility in historically PAH-contaminated soils: waste versus food-grade oils. 2012 , 87, 1229-1236		6
570	In situ remediation of contaminated sediments using carbonaceous materials. 2012 , 31, 693-704		84
569	Distribution and sources of polycyclic aromatic hydrocarbons in sediments of the Mai Po Inner Deep Bay Ramsar Site in Hong Kong. 2012 , 21, 1743-52		36
568	Environmental assessment of polycyclic aromatic hydrocarbons in the surface sediments of a remote region on the eastern coast, Taiwan. 2012 , 184, 2967-79		9
567	Concentrations of polycyclic aromatic hydrocarbon in the surface sediments from inter-tidal areas of Kenting coast, Taiwan. 2012 , 184, 3481-90		15
566	Sorption and desorption of carbamazepine, naproxen and triclosan in a soil irrigated with raw wastewater: estimation of the sorption parameters by considering the initial mass of the compounds in the soil. <i>Chemosphere</i> , 2012 , 88, 84-90	8.4	61
565	The effect of sorbent concentration on the partition coefficient of pollutants between aqueous and particulate phases. 2012 , 396, 29-34		23
564	Influence of black carbon addition on phenanthrene dissipation and microbial community structure in soil. 2012 , 161, 121-7		19
563	Sorption of atrazine and ametryn by carbonatic and non-carbonatic soils of varied origin. 2012 , 169, 12-9		36
562	Perylene dominates the organic contaminant profile in the Berau delta, East Kalimantan, Indonesia. <i>Marine Pollution Bulletin</i> , 2012 , 64, 1049-54	6.7	6
561	Top-cited articles in environmental sciences: merits and demerits of citation analysis. <i>Science of the Total Environment</i> , 2012 , 431, 122-7	10.2	42
560	Micelle swelling agent derived cavities for increasing hydrophobic organic compound removal efficiency by mesoporous micelle@silica hybrid materials. 2012 , 155, 252-257		15
559	The harpacticoid copepod <i>Tisbe holothuriae</i> is resistant to the insidious effects of polyunsaturated aldehyde-producing diatoms. 2012 , 413, 30-37		8

558	Physical properties of ordinary chernozems in steppe landscapes adjacent to forests. 2012 , 45, 684-689		0
557	Effect of natural particles on the transport of lindane in saturated porous media: laboratory experiments and model-based analysis. 2013 , 149, 13-26		21
556	Polychlorinated biphenyls (PCBs) and Polybrominated Diphenyl Ethers (PBDEs) in surface sediments from Monastir Bay (Tunisia, Central Mediterranean): occurrence, distribution and seasonal variations. <i>Chemosphere</i> , 2013 , 93, 487-93	8.4	59
555	Composition and source identification of polycyclic aromatic hydrocarbons in mangrove sediments of Peninsular Malaysia: indication of anthropogenic input. 2013 , 70, 2425-2436		33
554	Partition coefficient determination of a series of isoindolines-2-substituted and its correlation with their antiproliferative activity on HeLa cells. 2013 , 22, 4039-4045		7
553	Distribution and ecological risk of organochlorine pesticides and polychlorinated biphenyls in sediments from the Mediterranean coastal environment of Egypt. <i>Chemosphere</i> , 2013 , 93, 545-54	8.4	39
552	Adsorption of polycyclic aromatic hydrocarbons on graphene oxides and reduced graphene oxides. 2013 , 8, 2755-61		127
551	The residues, distribution, and partition of organochlorine pesticides in the water, suspended solids, and sediments from a large Chinese lake (Lake Chaohu) during the high water level period. 2013 , 20, 2033-45		43
550	PCB partitioning during sediment remobilization—1D column experiment. 2013 , 13, 1284-1300		7
549	Desorption behaviour of polycyclic aromatic hydrocarbons after long-term storage of two harbour sludges from the port of Rotterdam, The Netherlands. 2013 , 13, 1113-1122		5
548	Silicone rubber passive samplers for measuring pore water and exchangeable concentrations of polycyclic aromatic hydrocarbons concentrations in sediments. <i>Science of the Total Environment</i> , 2013 , 463-464, 988-96	10.2	8
547	Effect of soil organic carbon on sorption and desorption of perchloroethylene in soils. 2013 , 30, 345-350		2
546	Pesticide contamination and phytotoxicity of sediment interstitial water to tropical benthic microalgae. <i>Water Research</i> , 2013 , 47, 5211-21	12.5	48
545	Tracing typhoon effects on particulate transport in a submarine canyon using polycyclic aromatic hydrocarbons. 2013 , 157, 1-11		12
544	Diastereoisomer and enantiomer-specific profiles of hexabromocyclododecane and tetrabromobisphenol A in an aquatic environment in a highly industrialized area, South China: vertical profile, phase partition, and bioaccumulation. 2013 , 179, 105-10		74
543	Distribution and Transformation of Nutrients and Eutrophication in Large-scale Lakes and Reservoirs. <i>Advanced Topics in Science and Technology in China</i> , 2013 ,	0.2	4
542	Effect of Ionic Strength and Index Cation on the Sorption of Phenanthrene. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	24
541	Application of WASP for Modelling and Management of Naphthenic Acids along Athabasca River, Alberta, Canada. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	8

540 References. **2013**, 641-663

539	Reduced downward mobility of metribuzin in fly ash-amended soils. 2013 , 48, 587-92		4
538	The computation of lipophilicities of Σ PET systems based on a novel approach for fluctuating charges. 2013 , 42, 11066-73		14
537	The pH-dependence of organofluorine binding domain preference in dissolved humic acid. <i>Chemosphere</i> , 2013 , 90, 270-5	8.4	20
536	Sorption behavior of 20 wastewater originated micropollutants in groundwater--column experiments with pharmaceutical residues and industrial agents. 2013 , 154, 29-41		48
535	Impact of carbonaceous materials in soil on the transport of soil-bound PAHs during rainfall-runoff events. 2013 , 182, 233-41		15
534	Experimental and QSPR study of sorption properties of polychlorinated diphenyl sulfides (PCDPSs) in Yangtze River plain soil. 2013 , 193-194, 140-148		12
533	Use of hydroacoustic measurements to characterize bottom sediments and guide sampling and remediation of organic contaminants in lake sediments. <i>Science of the Total Environment</i> , 2013 , 458-460, 117-24	10.2	8
532	In vivo bioaccumulation of contaminants from historically polluted sediments - relation to bioavailability estimates. <i>Science of the Total Environment</i> , 2013 , 442, 336-43	10.2	10
531	Soil-water interfacial adsorption of phenanthrene along a Chinese climatic gradient of soils with and without the addition of black carbon. <i>Science of the Total Environment</i> , 2013 , 444, 543-51	10.2	5
530	Phenanthrene removal from aqueous solutions using well-characterized, raw, chemically treated, and charred malt spent rootlets, a food industry by-product. <i>Journal of Environmental Management</i> , 2013 , 128, 252-8	7.9	22
529	Sorption of Phenanthrene on Agricultural Soils. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	17
528	Removal of microcystin-LR and microcystin-RR by graphene oxide: adsorption and kinetic experiments. <i>Water Research</i> , 2013 , 47, 4621-9	12.5	116
527	The octanol-water partition coefficient: strengths and limitations. 2013 , 32, 732-3		33
526	Persistence of polycyclic aromatic hydrocarbons in sediments in the deeper area of the Northern Adriatic Sea (Mediterranean Sea). <i>Chemosphere</i> , 2013 , 90, 1839-46	8.4	33
525	The influence of soil composition on the leachability of selected hydrophobic organic compounds (HOCs) from soils using a batch leaching test. 2013 , 254-255, 26-35		22
524	Study of sorption of two sulfonylurea type of herbicides and their additives on soils and soil components. 2013 , 48, 758-66		7
523	Adsorption-desorption of metolachlor and atrazine in Indian soils: effect of fly ash amendment. 2013 , 185, 1833-45		16

522	On modeling the potential impacts of CO ₂ sequestration on shallow groundwater: Transport of organics and co-injected H ₂ S by supercritical CO ₂ to shallow aquifers. 2013 , 14, 113-127		55
521	Biodegradation and Bioremediation of TNT and Other Nitro Explosives. 2013 ,		
520	Multi-ratio equilibrium passive sampling method to estimate accessible and pore water concentrations of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in sediment. <i>Environmental Science & Technology</i> , 2013 , 47, 510-7	10.3	53
519	Invasive species may offer advanced phytoremediation of endocrinedisrupting chemicals in aquatic ecosystems. 2013 , 25, 648		7
518	Production of the bioinsecticide <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> with deltamethrin increases toxicity towards mosquito larvae. 2013 , 57, 151-6		5
517	Examining fly ash as a sorbent for benzene, trichloroethylene, and ethylbenzene in cement-treated soils. 2013 , 50, 423-434		5
516	Sources and distribution of aliphatic and polyaromatic hydrocarbons in sediments from the Neuquen River, Argentine Patagonia. 2013 , 48, 370-9		11
515	The phenanthrene-sorptive interface of an arable topsoil and its particle size fractions. 2013 , 64, 121-130		5
514	Metal oxides, clay minerals and charcoal determine the composition of microbial communities in matured artificial soils and their response to phenanthrene. 2013 , 86, 3-14		30
513	Retention of Tannin-C is Associated with Decreased Soluble Nitrogen and Increased Cation Exchange Capacity in a Broad Range of Soils. <i>Soil Science Society of America Journal</i> , 2013 , 77, 1199-1213 ^{2.5}		10
512	Extracellular Electron Transfer in in situ Petroleum Hydrocarbon Bioremediation. 2013 ,		
511	Effect of cosolutes on the sorption of phenanthrene onto mineral surface of river sediments and kaolinite. 2014 , 2014, 812531		
510	Chemical and Hydraulic Behavior of a Tropical Soil Compacted Submitted to the Flow of Gasoline Hydrocarbons. 2014 ,		1
509	Beneficial and Negative Impacts on Soil by the Reuse of Treated/Untreated Municipal Wastewater for Agricultural Irrigation [A Review of the Current Knowledge and Future Perspectives]. 2014 ,		2
508	Surface Application of Oil-Base Drilling Mud Mixed with Gypsum, Limestone, and Caliche. 2014 , 106, 1859-1866		3
507	Processes, Assessment and Remediation of Contaminated Sediments. 2014 ,		13
506	Distribution, partitioning and sources of polycyclic aromatic hydrocarbons in the water-SPM-sediment system of Lake Chaohu, China. <i>Science of the Total Environment</i> , 2014 , 496, 414-423 ^{10.2}		78
505	Determination of soil-water sorption coefficients of volatile methylsiloxanes. 2014 , 33, 1937-45		36

504	Toxicity of Chemically Spiked Sediment to the Carpet Shell Clam <i>Ruditapes decussatus</i> Embryos and Larvae. <i>Soil and Sediment Contamination</i> , 2014 , 23, 641-655	3.2	5
503	Assessing Bioavailability of Hydrophobic Organic Compounds and Metals in Sediments Using Freely Available Porewater Concentrations. 2014 , 177-196		3
502	Mobility of spiromesifen in packed soil columns under laboratory conditions. 2014 , 186, 7195-202		16
501	Interactions of 2,2?-bipyridine herbicide intermediate with humic acid. 2014 , 3, 155-161		
500	Sorption capacity of plastic debris for hydrophobic organic chemicals. <i>Science of the Total Environment</i> , 2014 , 470-471, 1545-52	10.2	303
499	In-situ partitioning and bioconcentration of polycyclic aromatic hydrocarbons among water, suspended particulate matter, and fish in the Dongjiang and Pearl Rivers and the Pearl River Estuary, China. <i>Marine Pollution Bulletin</i> , 2014 , 83, 306-16	6.7	31
498	Solubility enhancement and QSPR correlations for polycyclic aromatic hydrocarbons complexation with β and γ cyclodextrins. 2014 , 78, 415-427		17
497	An attempt to assess the relevance of flood events-biomarker response of rainbow trout exposed to resuspended natural sediments in an annular flume. 2014 , 21, 13744-57		18
496	How soil organic matter composition controls hexachlorobenzene-soil-interactions: adsorption isotherms and quantum chemical modeling. <i>Science of the Total Environment</i> , 2014 , 476-477, 98-106	10.2	19
495	Modeling the fate of organic micropollutants during river bank filtration (Berlin, Germany). 2014 , 156, 78-92		82
494	Solid phase microextraction of organic pollutants from natural and artificial soils and comparison with bioaccumulation in earthworms. 2014 , 100, 44-52		14
493	Sorption/desorption of non-hydrophobic and ionisable pharmaceutical and personal care products from reclaimed water onto/from a natural sediment. <i>Science of the Total Environment</i> , 2014 , 472, 273-81 ^{10.2}		99
492	Do lagoon area sediments act as traps for polycyclic aromatic hydrocarbons?. <i>Chemosphere</i> , 2014 , 111, 80-8	8.4	13
491	Ibuprofen adsorption in four agricultural volcanic soils. <i>Science of the Total Environment</i> , 2014 , 468-469, 406-14	10.2	31
490	Sorption and Quantitative Structure-Activity Relationship (QSAR). 2014 , 85-118		1
489	Leachability and desorption of PCBs from soil and their dependency on pH and dissolved organic matter. <i>Science of the Total Environment</i> , 2014 , 499, 220-7	10.2	22
488	Benchscale Assessment of the Efficacy of a Reactive Core Mat to Isolate PAH-spiked Aquatic Sediments. <i>Soil and Sediment Contamination</i> , 2014 , 23,	3.2	9
487	Sorption of Pesticides and its Dependence on Soil Properties: Chemometrics Approach for Estimating Sorption. 2014 , 221-240		3

486	Baseline distributions and sources of Polycyclic Aromatic Hydrocarbons (PAHs) in the surface sediments from the Prai and Malacca Rivers, Peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2014 , 88, 366-72	6.7	62
485	Silicone passive equilibrium samplers as 'chemometers' in eels and sediments of a Swedish lake. 2014 , 16, 464-72		42
484	High Molecular Weight Petrogenic and Pyrogenic Hydrocarbons in Aquatic Environments. 2014 , 481-509		2
483	Native oxy-PAHs, N-PACs, and PAHs in historically contaminated soils from Sweden, Belgium, and France: their soil-porewater partitioning behavior, bioaccumulation in <i>Enchytraeus crypticus</i> , and bioavailability. <i>Environmental Science & Technology</i> , 2014 , 48, 11187-95	10.3	78
482	Distribution of PAHs and trace metals in urban stormwater sediments: combination of density fractionation, mineralogy and microanalysis. 2014 , 21, 9764-76		10
481	Relationship of bifenthrin sediment concentrations to grain size and total organic carbon in California waterbodies: implications for ecological risk. 2014 , 93, 764-8		3
480	Explaining PAH desorption from sediments using Rock Eval analysis. 2014 , 193, 247-253		26
479	New insight into pesticide partition coefficient K _d for modelling pesticide fluvial transport: application to an agricultural catchment in south-western France. <i>Chemosphere</i> , 2014 , 99, 134-42	8.4	30
478	Sorption behavior of nonylphenol (NP) on sewage-irrigated soil: kinetic and thermodynamic studies. <i>Science of the Total Environment</i> , 2014 , 473-474, 530-6	10.2	24
477	Comparative study of polycyclic aromatic hydrocarbons in coral tissues and the ambient sediments from Kenting National Park, Taiwan. 2014 , 185, 35-43		58
476	Kinetics modeling predicts bioaugmentation with Sphingomonad cultures as a viable technology for enhanced pharmaceutical and personal care products removal during wastewater treatment. 2014 , 166, 158-67		26
475	Changes in the adsorption of bisphenol A, 17 ßethinyl estradiol, and phenanthrene on marine sediment in Hong Kong in relation to the simulated sediment organic matter decomposition. 2014 , 192, 139-46		11
474	PAH phytoremediation: rhizodegradation or rhizoattenuation?. 2014 , 16, 46-61		28
473	Diffusion and sorption of volatile organic compounds through soil-cement materials. 2015 ,		
472	Effectiveness of measures adopted for the reduction of nonylphenol emission in European river basins: a case study of the River Lambro, Northern Italy. 2015 , 17, 1176-1190		3
471	Equilibrium State of PAHs in Bottom Sediment-Water-Suspended Sediment System of a Large River Considering Freely Dissolved Concentrations. 2015 , 44, 823-32		15
470	Organic Chemical Movement over and through Soil. 2015 , 305-334		7
469	Environmental Behavior of Aquatic Herbicides in Sediments. 2015 , 335-348		0

468	Transport Processes Involving Organic Chemicals. 2015 , 349-371		4
467	Modeling the Reversible and Resistant Components of Munition Constituent Adsorption and Desorption on Soils. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	3
466	Adsorption of Dissolved Organic Ligands Onto (Hydr)Oxide Minerals. 2015 , 133-155		
465	Urban Impact on Selected Pre-Emergence Herbicides in Sediment cores. 2015 ,		
464	Theoretical Considerations of the Partition Uptake of Nonionic Organic Compounds by Soil Organic Matter. 2015 , 1-29		22
463	Kinetics of Soil Chemical Phenomena: Future Directions. 2015 , 81-101		5
462	Overview of Organic Chemical Environmental Fate and Transport Modeling Approaches. 2015 , 271-304		5
461	The Sorption of Nonpolar Organics by Soils and Sediments. 2015 , 31-44		11
460	Utilization, treatment, and disposal of waste on land. 2015 , 1-12		1
459	Bioavailability and Bioactivity of Sorbed Organic Chemicals. 2015 , 153-196		6
458	Sorption and Movement of Pesticides and Other Toxic Organic Substances in Soils. 2015 , 183-201		4
457	Roles of Organic Matter, Minerals, and Moisture in Sorption of Nonionic Compounds and Pesticides by Soil. 2015 , 111-160		3
456	Oxidation and Hydrolysis of Ionizable Organic Pollutants at Hydrous Metal Oxide Surfaces. 2015 , 231-254		1
455	Effect of Soil Water Content on the Removal of Volatile Chlorinated Hydrocarbons from Soil by Mechanical Soil Aeration. 2015 , 737, 541-548		3
454	Organic Carbon/Water and Dissolved Organic Carbon/Water Partitioning of Cyclic Volatile Methylsiloxanes: Measurements and Polyparameter Linear Free Energy Relationships. <i>Environmental Science & Technology</i> , 2015 , 49, 12161-8	10.3	22
453	Mass budget in two high altitude lakes reveals their role as atmospheric PCB sinks. <i>Science of the Total Environment</i> , 2015 , 511, 203-13	10.2	13
452	Nitrate addition to groundwater impacted by ethanol-blended fuel accelerates ethanol removal and mitigates the associated metabolic flux dilution and inhibition of BTEX biodegradation. 2015 , 174, 1-9		16
451	Field measurements for evaluating the RZWQM and PESTFADE models for the tropical zone of Thailand. <i>Journal of Environmental Management</i> , 2015 , 147, 286-96	7.9	1

450	Sorption behaviour of nonylphenol and nonylphenol monoethoxylate in soils. <i>Chemosphere</i> , 2015 , 138, 952-9	8.4	13
449	Predictivity Strength of the Spatial Variability of Phenanthrene Sorption Across Two Sandy Loam Fields. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	5
448	Identification of TCE and PCE sorption and biodegradation parameters in a sandy aquifer for fate and transport modelling: batch and column studies. 2015 , 22, 9877-88		21
447	Sorption and desorption of diverse contaminants of varying polarity in wastewater sludge with and without alum. 2015 , 17, 674-82		18
446	Measurement and ANN prediction of pH-dependent solubility of nitrogen-heterocyclic compounds. <i>Chemosphere</i> , 2015 , 134, 402-7	8.4	10
445	A passive sampler based on solid phase microextraction (SPME) for sediment-associated organic pollutants: Comparing freely-dissolved concentration with bioaccumulation. <i>Chemosphere</i> , 2015 , 137, 192-7	8.4	19
444	Spatial distribution and partitioning behavior of selected poly- and perfluoroalkyl substances in freshwater ecosystems: a French nationwide survey. <i>Science of the Total Environment</i> , 2015 , 517, 48-56	10.2	83
443	A laboratory-scale column study comparing organic micropollutant removal and microbial diversity for two soil types. <i>Science of the Total Environment</i> , 2015 , 536, 632-638	10.2	18
442	Assessing soil and groundwater contamination from biofuel spills. 2015 , 17, 533-42		7
441	Chlorierte Kohlenwasserstoffe im Grundwasser. 2015 ,		0
440	Polycyclic Aromatic Hydrocarbon Degradation and Sorption Parameters in Coastal and Open-Sea Sediment. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	19
439	Modeling bioaccumulation and biomagnification of nonylphenol and its ethoxylates in estuarine-marine food chains. <i>Chemosphere</i> , 2015 , 138, 33-9	8.4	10
438	Characterization of trichloroethylene adsorption onto waste biocover soil in the presence of landfill gas. 2015 , 295, 185-92		8
437	Influence of a compost layer on the attenuation of 28 selected organic micropollutants under realistic soil aquifer treatment conditions: insights from a large scale column experiment. <i>Water Research</i> , 2015 , 74, 110-21	12.5	40
436	Photochemical transformation of tetrabromobisphenol A under simulated sunlight irradiation: Kinetics, mechanism and influencing factors. <i>Chemosphere</i> , 2015 , 134, 550-6	8.4	50
435	A multi-disciplinarily designed mesocosm to address the complex flow-sediment-ecology tripartite relationship on the microscale. 2015 , 27,		3
434	A framework for assessing the retardation of organic molecules in groundwater: Implications of the species distribution for the sorption-influenced transport. <i>Science of the Total Environment</i> , 2015 , 524-525, 187-94	10.2	57
433	Adsorption of PAHs on the Sediments from the Yellow River Delta as a Function of Particle Size and Salinity. <i>Soil and Sediment Contamination</i> , 2015 , 24, 103-115	3.2	21

432	Particle-Dissolved Phase Partition of Polychlorinated Biphenyls in High Altitude Alpine Lakes. <i>Environmental Science & Technology</i> , 2015 , 49, 9620-8	10.3	12
431	Occurrence and significance of polychlorinated biphenyls in water, sediment pore water and surface sediments of Umgeni River, KwaZulu-Natal, South Africa. 2015 , 187, 568		26
430	Detection of decomposition volatile organic compounds in soil following removal of remains from a surface deposition site. 2015 , 11, 376-87		24
429	The kinetics of solid-phase microextraction measured for freshly added and aged hydrophobic compounds in two different soils. 2015 , 95, 635-649		6
428	Complexation-flocculation combined with microwave-assisted headspace solid-phase microextraction in determining the binding constants of hydrophobic organic pollutants to dissolved humic substances. 2015 , 140, 1275-80		10
427	Adsorption of Telon dyes onto bis-imidazolium modified bentonite in aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 1384-1392	6.8	28
426	Managing long-term polycyclic aromatic hydrocarbon contaminated soils: a risk-based approach. 2015 , 22, 8927-41		68
425	A multi-molecular marker assessment of organic pollution in shore sediments from the Rõ de la Plata Estuary, SW Atlantic. <i>Marine Pollution Bulletin</i> , 2015 , 91, 461-75	6.7	43
424	Partitioning of PAHs in pore water from mangrove wetlands in Shantou, China. 2015 , 111, 42-7		12
423	Evaluating potential non-point source loading of PAHs from contaminated soils: a fugacity-based modeling approach. 2015 , 196, 1-11		19
422	Research of Adsorption on PCBs: Isotherm Modeling and Influencing Factors. 2016 , 67, 06030		1
421	Bioluminescent Assays in the Assessment of Seasonal and Spatial Patterns in Toxicity of Contaminated River Sediments. 2016 , 7, 1738		30
420	Contaminants in the Marine Environment. 2016 , 1-34		6
419	Fixed-bed column recirculation system for investigation of sorption and biodegradation of organic pollutants in saturated sediment: a detailed design and development. 2016 , 5, 1842		1
418	Selected pharmaceuticals entering an estuary: Concentrations, temporal trends, partitioning, and fluxes. 2016 , 35, 2665-2673		15
417	Fate kinetic coefficients and correlation models for tetrabromobisphenol A (TBBPA) in membrane bioreactors and conventional activated sludge process. 2016 , 6, 175-187		2
416	Solvent removal from cyclohexane-extracted oil sands gangue. 2016 , 94, 408-414		14
415	Quantitation and prediction of sorptive losses during toxicity testing of polycyclic aromatic hydrocarbon (PAH) and nitrated PAH (NPAH) using polystyrene 96-well plates. 2016 , 57, 30-38		15

414	Does bioleaching represent a biotechnological strategy for remediation of contaminated sediments?. <i>Science of the Total Environment</i> , 2016 , 563-564, 302-19	10.2	49
413	Nanoparticle Ecotoxicology. 2016 , 343-450		8
412	Source contributions of Polycyclic Aromatic Hydrocarbons in soils around oilfield in the Brahmaputra Valley. 2016 , 133, 281-9		19
411	Combining Leaching and Passive Sampling To Measure the Mobility and Distribution between Porewater, DOC, and Colloids of Native Oxy-PAHs, N-PACs, and PAHs in Historically Contaminated Soil. <i>Environmental Science & Technology</i> , 2016 , 50, 11797-11805	10.3	39
410	Sorption of selected pharmaceuticals and pesticides on different river sediments. 2016 , 23, 25232-25244		17
409	Toward understanding the impacts of sediment contamination on a native fish species: transcriptional effects, EROD activity, and biliary PAH metabolites. 2016 , 28, 28		11
408	Prediction of Setschenow constants of N-heteroaromatics in NaCl solutions based on the partial charge on the heterocyclic nitrogen atom. 2016 , 23, 3399-405		2
407	Persistent Organic Pollutants in Streamwater: Influence of Hydrological Conditions and Landscape Type. <i>Environmental Science & Technology</i> , 2016 , 50, 7416-24	10.3	16
406	Relationship between the water-exchangeable fraction of PAH and the organic matter composition of sediments. 2016 , 219, 512-518		5
405	Spatiotemporal Trends Analysis of Pyrethroid Sediment Concentrations Spanning 10 Years in a Residential Creek in California. 2016 , 70, 332-40		4
404	Distribution and behaviour of polycyclic aromatic hydrocarbons in subtropical river estuary, Okinawa, Japan. 2016 , 32, 472-491		3
403	Microbial interactions with naturally occurring hydrophobic sediments: Influence on sediment and associated contaminant mobility. <i>Water Research</i> , 2016 , 92, 121-30	12.5	16
402	A nuclear magnetic resonance study of the dynamics of organofluorine interactions with a dissolved humic acid. <i>Chemosphere</i> , 2016 , 145, 307-13	8.4	8
401	Polycyclic aromatic hydrocarbons (PAHs) removal by sorption: A review. <i>Chemosphere</i> , 2016 , 148, 336-538.4		258
400	Suspended particles only marginally reduce pyrethroid toxicity to the freshwater invertebrate <i>Gammarus pulex</i> (L.) during pulse exposure. 2016 , 25, 510-20		8
399	Thermodynamic analysis for the sorptive removal of cesium and strontium ions onto synthesized magnetic nano zeolite. 2016 , 223, 187-195		29
398	New Insights on the Influence of Organic Co-Contaminants on the Aquatic Toxicology of Carbon Nanomaterials. <i>Environmental Science & Technology</i> , 2016 , 50, 961-9	10.3	76
397	Endocrine-disrupting chemicals in coastal lagoons of the Po River delta: sediment contamination, bioaccumulation and effects on Manila clams. 2016 , 23, 10477-10493		16

396	New insights on the removal of mineral oil from oil-in-water emulsions using cork by-products: Effect of salt and surfactants content. 2016 , 285, 709-717		28
395	Mobilization of trace metals and PCBs from contaminated marine sediments of the Mar Piccolo in Taranto during simulated resuspension experiment. 2016 , 23, 12777-90		8
394	Bioavailability of polycyclic aromatic hydrocarbons (PAHs) to short-neck clam (<i>Paphia undulata</i>) from sediment matrices in mudflat ecosystem of the west coast of Peninsular Malaysia. 2017 , 39, 591-610		23
393	Assessing the transport of PAH in the surficial sediment layer by passive sampler approach. <i>Science of the Total Environment</i> , 2017 , 579, 72-81	10.2	6
392	Enhanced removal of bisphenol-AF by activated carbon-alginate beads with cetyltrimethyl ammonium bromide. 2017 , 495, 191-199		19
391	Methylsiloxanes in children silicone-containing products from China: Profiles, leaching, and children exposure. 2017 , 101, 165-172		22
390	Partitioning Behavior of Bisphenol Alternatives BPS and BPAF Compared to BPA. <i>Environmental Science & Technology</i> , 2017 , 51, 3725-3732	10.3	43
389	Research progress on aging of organic pollutants in geosorbents: a review. 2017 , 36, 27-43		9
388	Clinoptilolite and palygorskite as sorbents of neutral emerging organic contaminants in treated wastewater: Sorption-desorption studies. <i>Chemosphere</i> , 2017 , 175, 534-542	8.4	18
387	Soil sorption of two nitramines derived from amine-based CO capture. 2017 , 19, 812-821		2
386	The Influence of Humic Substances on the Sorption of Three Organic Contaminants with Different Structure and Polarity to Clay Minerals. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	5
385	Review of the impacts of leaking CO ₂ gas and brine on groundwater quality. 2017 , 169, 69-84		27
384	Evidence of colloidal transport of PAHs during column experiments run with contaminated soil samples. 2017 , 24, 9220-9228		15
383	Enhanced Accessibility of Polycyclic Aromatic Hydrocarbons (PAHs) and Heterocyclic PAHs in Industrially Contaminated Soil after Passive Dosing of a Competitive Sorbate. <i>Environmental Science & Technology</i> , 2017 , 51, 8017-8026	10.3	24
382	Ranking REACH registered neutral, ionizable and ionic organic chemicals based on their aquatic persistency and mobility. 2017 , 19, 939-955		48
381	Nonlinear Nonequilibrium One-Dimensional Large-Strain Consolidation-Coupled Contaminant Transport Model of Capped Sediments. 2017 , 143, 04017030		7
380	Estimating Grass-Soil Bioconcentration of Munitions Compounds from Molecular Structure. <i>Environmental Science & Technology</i> , 2017 , 51, 11205-11214	10.3	8
379	Remobilization of polycyclic aromatic hydrocarbons and organic matter in seawater during sediment resuspension experiments from a polluted coastal environment: Insights from Toulon Bay (France). 2017 , 229, 627-638		33

378	Low Dose Effects of Pesticides in the Aquatic Environment. 2017 , 167-187		2
377	Developing an integrated 3D-hydrodynamic and emerging contaminant model for assessing water quality in a Yangtze Estuary Reservoir. <i>Chemosphere</i> , 2017 , 188, 218-230	8.4	22
376	Adsorption and Biodegradation of Aromatic Chemicals by Bacteria Encapsulated in a Hydrophobic Silica Gel. 2017 , 9, 26848-26858		20
375	Steady-state analytical model for vapour-phase volatile organic compound (VOC) diffusion in layered landfill composite cover systems. 2017 , 54, 1567-1579		15
374	Developing and applying metamodels of high resolution process-based simulations for high throughput exposure assessment of organic chemicals in riverine ecosystems. <i>Science of the Total Environment</i> , 2017 , 605-606, 471-481	10.2	7
373	The Variable Influence of Dispersant on Degradation of Oil Hydrocarbons in Subarctic Deep-Sea Sediments at Low Temperatures (0-5 °C). 2017 , 7, 2253		30
372	Using Polyethylene Passive Samplers To Study the Partitioning and Fluxes of Polybrominated Diphenyl Ethers in an Urban River. <i>Environmental Science & Technology</i> , 2017 , 51, 9062-9071	10.3	21
371	Adsorption of 17 Ethyl estradiol with the competition of bisphenol A on the marine sediment of Hong Kong. <i>Marine Pollution Bulletin</i> , 2017 , 124, 753-759	6.7	4
370	Sorption of thiabendazole in sub-tropical Brazilian soils. 2017 , 24, 16503-16512		6
369	Biodegradation of Benzene Under Anaerobic Condition. 2017 , 163-204		
368	Biodegradation and Bioconversion of Hydrocarbons. 2017 ,		4
367	Bacterial mineralization of phenanthrene on thermally activated palygorskite: A C radiotracer study. <i>Science of the Total Environment</i> , 2017 , 579, 709-717	10.2	8
366	Residual hydrophobic organic contaminants in soil: Are they a barrier to risk-based approaches for managing contaminated land?. 2017 , 98, 18-34		32
365	Ship breaking or scuttling? A review of environmental, economic and forensic issues for decision support. 2017 , 24, 25741-25774		21
364	Bioavailability of polycyclic aromatic hydrocarbons (PAHs) and Environmental Risk (ER) Assessment: The case of the Ogbese river, Nigeria. 2017 , 9, 9-16		13
363	Partitioning of Alkylphenol and BPA between River Sediment and Water to Estimate their Risks on Benthic Organisms in Kanagawa Prefecture . 2017 , 27, 39-53		
362	Differences in Infiltration and Evaporation of Diesel and Gasoline Droplets Spilled onto Concrete Pavement. 2017 , 9, 1271		6
361	Surface Chemistry and Adsorption. 2017 , 385-443		4

360	The Characterization of BTEX in Variable Soil Compositions Near Unconventional Oil and Gas Development. 2017 , 321-351		3
359	Influence of soil irradiation and spiking on sorption of p,p'-DDE and soil organic matter chemistry. 2018 , 155, 125-132		6
358	Modeling of PCB trophic transfer in the Gulf of Lions; 3D coupled model application. <i>Marine Pollution Bulletin</i> , 2018 , 128, 140-155	6.7	5
357	Applying no-depletion equilibrium sampling and full-depletion bioaccessibility extraction to 35 historically polycyclic aromatic hydrocarbon contaminated soils. <i>Chemosphere</i> , 2018 , 199, 409-416	8.4	12
356	Mucilage from seeds of chia (<i>Salvia hispanica</i> L.) used as soil conditioner; effects on the sorption-desorption of four herbicides in three different soils. <i>Science of the Total Environment</i> , 2018 , 625, 531-538	10.2	17
355	Sorption of citalopram, irbesartan and fexofenadine in soils: Estimation of sorption coefficients from soil properties. <i>Chemosphere</i> , 2018 , 195, 615-623	8.4	24
354	Pollution levels of DDTs and their spatiotemporal trend from sediment records in the Southern Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2018 , 127, 359-364	6.7	11
353	Water Contamination and Pollution. 2018 , 261-290		45
352	Enhancement of Adsorption Performance for Organic Molecules by Combined Effect of Intermolecular Interaction and Morphology in Porous rGO-Incorporated Hydrogels. 2018 , 10, 17335-17344		16
351	Migration of Naphthalene through Low Organic Content Sandy Soil Columns: Comparison of Unsaturated and Saturated Conditions. <i>Soil and Sediment Contamination</i> , 2018 , 27, 408-425	3.2	1
350	Sewer sediment-bound antibiotics as a potential environmental risk: Adsorption and desorption affinity of 14 antibiotics and one metabolite. 2018 , 239, 638-647		29
349	Modeling the Potential Impacts of CO ₂ Sequestration on Shallow Groundwater. 2018 , 353-393		
348	Biosurfactant-induced remediation of contaminated marine sediments: Current knowledge and future perspectives. 2018 , 137, 196-205		28
347	Contribution of inorganic and organic components to sorption of neutral and ionizable pharmaceuticals by sediment/soil. 2018 , 25, 7250-7261		5
346	Abiotic Transformations in Water, Sediments, and Soil. 2018 , 103-168		6
345	Geochemical Transport. 2018 , 1511-1536		1
344	Strong binding of apolar hydrophobic organic contaminants by dissolved black carbon released from biochar: A mechanism of pseudomicelle partition and environmental implications. 2018 , 232, 402-410		58
343	Adsorption-desorption and hysteresis phenomenon of tebuconazole in Colombian agricultural soils: Experimental assays and mathematical approaches. <i>Chemosphere</i> , 2018 , 190, 393-404	8.4	14

342	Different partition of polycyclic aromatic hydrocarbon on environmental particulates in freshwater: Microplastics in comparison to natural sediment. 2018 , 147, 648-655		105
341	Demonstration of a consensus approach for the calculation of physicochemical properties required for environmental fate assessments. <i>Chemosphere</i> , 2018 , 194, 94-106	8.4	14
340	Fate of estrone in laboratory-scale constructed wetlands. 2018 , 111, 60-68		17
339	Soil and Contaminant Interaction. 2018 , 205-237		
338	Baseline concentrations and distributions of Polycyclic Aromatic Hydrocarbons in surface sediments from the Qatar marine environment. <i>Marine Pollution Bulletin</i> , 2018 , 126, 58-62	6.7	19
337	Natural and anthropogenic particulate-bound aliphatic and polycyclic aromatic hydrocarbons in surface waters of the Gulf of Gabès (Tunisia, southern Mediterranean Sea). 2018 , 25, 2476-2494		12
336	. 2018 ,		5
335	Ingestion and Chronic Effects of Car Tire Tread Particles on Freshwater Benthic Macroinvertebrates. <i>Environmental Science & Technology</i> , 2018 , 52, 13986-13994	10.3	53
334	Sorption of benzene and naphthalene on (semi)-arid coastal soil as a function of salinity and temperature. 2018 , 219, 61-71		12
333	Characterization of polycyclic aromatic hydrocarbons (PAHs) in small craft harbour (SCH) sediments in Nova Scotia, Canada. <i>Marine Pollution Bulletin</i> , 2018 , 137, 285-294	6.7	23
332	Grain size analysis of California waterbodies to determine the spatial extent and temporal trends of depositional areas where hydrophobic organic compounds could accumulate. 2018 , 25, 32802-32810		
331	Diffusion of organic anions in clay-rich media: Retardation and effect of anion exclusion. <i>Chemosphere</i> , 2018 , 213, 472-480	8.4	7
330	Surfactant Chemistry Effects on Organic Matter Removal from Water Repellent Sand. <i>Soil Science Society of America Journal</i> , 2018 , 82, 1252-1258	2.5	8
329	Ibuprofen Sorption to Coastal Plain Soils. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	1
328	Advective pore-water transport of hydrocarbons in North East Scotland coastal sands. 2018 , 25, 28445-28459		1
327	Sampling of suspended particulate matter using particle traps in the Rhine River: Relevance and representativeness for the monitoring of contaminants. <i>Science of the Total Environment</i> , 2018 , 637-638, 538-549	10.2	25
326	Modelling PAH partitioning during sludge disintegration: The key role of dissolved and colloidal matter. <i>Chemosphere</i> , 2018 , 209, 883-891	8.4	6
325	Diffusion and sorption of volatile organic compounds through soil-cement materials. 2018 , 5, 134-145		2

324	DDT and related compounds in pore water of shallow sediments on the Palos Verdes Shelf, California, USA. 2018 , 203, 78-90		7
323	Predictable Oxygen Isotope Exchange Between Plant Lipids and Environmental Water: Implications for Ecosystem Water Balance Reconstruction. 2018 , 123, 2941-2954		4
322	Impact of anthropogenic activities on mussel (<i>Mytella guyanensis</i>) in the Gulf of Paria, Trinidad. <i>Marine Pollution Bulletin</i> , 2018 , 135, 496-504	6.7	4
321	Polycyclic aromatic hydrocarbons in surface sediments of the mid-Adriatic and along the Croatian coast: Levels, distributions and sources. 2018 , 242, 519-527		7
320	Persistent reductions in the bioavailability of PCBs at a tidally inundated <i>Phragmites australis</i> marsh amended with activated carbon. 2018 , 37, 2496-2505		6
319	Bisphenol A in the Yellow River: Sorption characteristics and influential factors. 2018 , 564, 307-313		12
318	Polychlorinated diphenyl ethers (PCDEs) in surface sediments, suspended particulate matter (SPM) and surface water of Chaohu Lake, China. 2018 , 241, 441-450		14
317	Detection of cyanotoxins (microcystins/nodularins) in livers from estuarine and coastal bottlenose dolphins (<i>Tursiops truncatus</i>) from Northeast Florida. 2018 , 76, 22-34		17
316	Assessment of the retardation of selected herbicides onto Danube sediment based on small column tests. 2019 , 19, 964-972		1
315	Nutzung von Natural Attenuation zur Reduktion der PAK-Belastung in heterogenen Porengrundwasserleitern. 2019 , 24, 129-144		
314	Investigating levels of organic contaminants in Danube River sediments in Serbia by multi-ratio equilibrium passive sampling. <i>Science of the Total Environment</i> , 2019 , 696, 133935	10.2	11
313	Transfer Pathways and Fluxes of Water-Soluble Pesticides in Various Compartments of the Agricultural Catchment of the Canche River (Northern France). <i>Water (Switzerland)</i> , 2019 , 11, 1428	3	2
312	Sorption of chlorinated hydrocarbons from synthetic and natural groundwater by organo-hydrocalcites: Towards their applications as remediation nanoparticles. <i>Chemosphere</i> , 2019 , 236, 124369	8.4	8
311	Persistent contaminants as potential constraints on the recovery of urban river food webs from gross pollution. <i>Water Research</i> , 2019 , 163, 114858	12.5	21
310	Environmental Risk of Groundwater Pollution by Pesticide Leaching through the Soil Profile. 2019 ,		22
309	WITHDRAWN: Increased organic contaminant residence times in the urban riverbed due to the presence of highly sorbing sediments of the Anthropocene. 2019 ,		
308	A review on perfluoroalkyl acids studies: Environmental behaviors, toxic effects, and ecological and health risks. 2019 , 5, 1-19		35
307	Bioaccumulation of polycyclic aromatic hydrocarbons by arctic and temperate benthic species. 2019 , 38, 883-895		8

306	Prediction of Apolar Compound Sorption to Aquatic Natural Organic Matter Accounting for Natural Organic Matter Hydrophobicity Using Aqueous Two-Phase Systems. <i>Environmental Science & Technology</i> , 2019 , 53, 8127-8135	10.3	13
305	Quantifying Bioaccumulation in the Aquatic Environment. 2019 , 1		2
304	Transport and release of electron donors and alkalinity during reductive dechlorination by combined emulsified vegetable oil and colloidal Mg(OH): Laboratory sand column and microcosm tests. 2019 , 225, 103501		9
303	Distribution, source, and ecological risk assessment of PAHs among size and density fractions in contaminated sediments from the Yellow River of Henan section. 2019 , 20, 171-181		2
302	Partitioning of chemical contaminants to microplastics: Sorption mechanisms, environmental distribution and effects on toxicity and bioaccumulation. 2019 , 252, 1246-1256		167
301	Molecular Dynamics Simulations of the Adsorption of Phthalate Esters on Smectite Clay Surfaces. 2019 , 123, 13624-13636		27
300	Anaerobic Microbial Degradation of Polycyclic Aromatic Hydrocarbons: A Comprehensive Review. 2020 , 251, 25-108		13
299	Sorption and Degradation Potential of Pharmaceuticals in Sediments from a Stormwater Retention Pond. <i>Water (Switzerland)</i> , 2019 , 11, 526	3	13
298	The role of microorganisms in the removal of pharmaceutical and personal care products. 2019 , 341-382		
297	A review of pesticide fate and transport simulation at watershed level using SWAT: Current status and research concerns. <i>Science of the Total Environment</i> , 2019 , 669, 512-526	10.2	62
296	Increased organic contaminant residence times in the urban riverbed due to the presence of highly sorbing sediments of the Anthropocene. 2019 , 3, 100023		3
295	Sorption and degradation of contaminants of emerging concern in soils under aerobic and anaerobic conditions. <i>Science of the Total Environment</i> , 2019 , 666, 662-671	10.2	49
294	Improved prediction of the bioconcentration factors of organic contaminants from soils into plant/crop roots by related physicochemical parameters. 2019 , 126, 46-53		22
293	Source apportionment and seasonal cancer risk of polycyclic aromatic hydrocarbons of sediments in a multi-use coastal environment containing a Ramsar wetland, for a Caribbean island. <i>Science of the Total Environment</i> , 2019 , 664, 474-486	10.2	18
292	Lake Sedimentary Environments and Roles of Accumulating Organic Matter in Biogeochemical Cycling Processes and Contaminants Loading Are Invasions of Water Hyacinth in Lake Victoria from 1989 a Concern?. 2019 ,		2
291	Biodegradation and Bioremediation of TNT and Other Nitro Explosives. 2019 , 181-196		1
290	Sonochemical Remediation of Pollutants in Soils and Sediments. 2019 , 1-21		3
289	Applicability of Soil Concentration for VOC-Contaminated Site Assessments Explored Using Field Data from the Beijing-Tianjin-Hebei Urban Agglomeration. <i>Environmental Science & Technology</i> , 2019 , 53, 789-797	10.3	7

288	Soil ecotoxicity study of DEHP with respect to multiple soil species. <i>Chemosphere</i> , 2019 , 216, 387-395	8.4	22
287	Persistence of Herbicides in RiceRice System in Kerala. 2019 , 159-192		1
286	Kinetic and thermodynamic studies on partitioning of polychlorinated biphenyls (PCBs) between aqueous solution and modeled individual soil particle grain sizes. <i>Journal of Environmental Sciences</i> , 2019 , 76, 100-110	6.4	14
285	A review of the impact of wastewater on the fate of pesticides in soils: Effect of some soil and solution properties. <i>Science of the Total Environment</i> , 2020 , 718, 134468	10.2	13
284	Reviews of Environmental Contamination and Toxicology Volume 251. 2020 ,		
283	Effects of river infrastructures on the floodplain sedimentary environment in the Rh�e River. 2020 , 20, 2697-2708		7
282	Derivation of site-specific remediation goals by incorporating the bioaccessibility of polycyclic aromatic hydrocarbons with the probabilistic analysis method. 2020 , 384, 121239		7
281	A Comparison of Different Statistical Methods for Addressing Censored Left Data in Temporal Trends Analysis of Pyrethroids in a California Stream. 2020 , 79, 508-523		1
280	Microbial Enzymes and Biotechniques. 2020 ,		
279	The use of epilithic biofilms as bioaccumulators of pesticides and pharmaceuticals in aquatic environments. 2020 , 29, 1293-1305		2
278	Removal of micropollutants in drinking water using UV-LED/chlorine advanced oxidation process followed by activated carbon adsorption. <i>Water Research</i> , 2020 , 185, 116297	12.5	25
277	Temporal trends, sources, and relationships between sediment characteristics and polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in sediment cores from the major Seine estuary tributary, France. 2020 , 122, 104749		5
276	An Eighteen Year Temporal Trends Analysis of Bifenthrin Sediment Concentrations in California Waterbodies. <i>Water (Switzerland)</i> , 2020 , 12, 2402	3	0
275	Bioavailability and Bioaccessibility of Hydrophobic Organic Contaminants in Soil and Associated Desorption-Based Measurements. <i>Handbook of Environmental Chemistry</i> , 2020 , 293-350	0.8	3
274	Sorption and Desorption of the Model Aromatic Hydrocarbons Naphthalene and Benzene: Effects of Temperature and Soil Composition. 2020 , 1,		2
273	Environmental exposure of freshwater mussels to contaminants of emerging concern: Implications for species conservation. 2020 , 46, 1625-1638		4
272	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. 2020 , 15, 1800-1828		12
271	The interaction between dispersed crude oil droplets and particulate matter. 2020 , 22, 1397-1407		

270	Persistent organic pollutants in wood fiber-contaminated sediments from the Baltic Sea. 2020 , 20, 2471-2483	8
269	Diffusion of polycyclic aromatic hydrocarbons between water and sediment and their ecological risks in Wuhu city, Yangtze River Delta urban agglomerations, China. 2020 , 119, 104627	5
268	Sorption-desorption mechanisms and environmental friendliness of different surfactants in enhancing remediation of soil contaminated with polycyclic aromatic hydrocarbons. 2020 , 20, 2817-2828	6
267	Development of polyoxymethylene passive sampler for assessing air concentrations of PCBs at a confined disposal facility (CDF). 2020 , 265, 114720	5
266	Soils in lakes: the impact of inundation and storage on surface water quality. 2020 , 192, 339	1
265	Adsorption of toluene on various natural soils: Influences of soil properties, mechanisms, and model. <i>Science of the Total Environment</i> , 2020 , 740, 140104	10.2 16
264	Solute Reactive Tracers for Hydrogeological Applications: A Short Review and Future Prospects. <i>Water (Switzerland)</i> , 2020 , 12, 653	3 12
263	Flow and transport of Phenol in groundwater using PGWT equation. 2020 , 6, e03413	1
262	Distribution, sources, and behavior of PAHs in estuarine water systems exemplified by Salt River, Taiwan. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111029	6.7 23
261	Fate and spatial distribution of Pb, Cd, Cu and Zn in the water column and in the surface sediment of Indonesian Estuary (Citarum River Estuary). 2020 , 148, 07007	
260	Review on polycyclic aromatic hydrocarbons (PAHs) migration from wastewater. 2021 , 236, 103715	13
259	Fate and transport of bromide and mononuclear aromatic hydrocarbons in aqueous solutions through Berea Sandstone. <i>Science of the Total Environment</i> , 2021 , 766, 141714	10.2 1
258	Sargassum contamination and consequences for downstream uses: a review. 2021 , 33, 567-602	13
257	Seasonal dynamics of polycyclic aromatic hydrocarbons between water and sediment in a tide-dominated estuary and ecological risks for estuary management. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111831	6.7 4
256	Health Risk Assessment and Characterization of Polycyclic Aromatic Hydrocarbon from the Hydrosphere. 2021 , 25, 05020008	18
255	Influence of natural organic matter fractions on PAH sorption by stream sediments and a synthetic graphene wool adsorbent. 2021 , 21, 101202	9
254	Spatial Distribution and Location of Natural Organic Matter on Sediment Particles by Scanning Electron Microscopic Analysis and the Development of a New Persistent Organic Pollutant-Sediment Kinetic Desorption Model. 2021 , 40, 323-332	
253	Depositional environments and historical contamination as a framework to reconstruct fluvial sedimentary evolution. <i>Science of the Total Environment</i> , 2021 , 764, 142900	10.2 3

252	Phenol driven changes onto MnO surface for efficient removal of methyl parathion: The role of adsorption. <i>Chemosphere</i> , 2021 , 269, 128695	8.4	6
251	Biodegradation of organic pollutants for its effective remediation from the environment and the role of various factors affecting the biodegradation process. 2021 , 1-27		0
250	Adsorption of Metals to Particles in Urban Stormwater Runoff Does Size Really Matter?. <i>Water (Switzerland)</i> , 2021 , 13, 309	3	7
249	Introduction. 2021 , 1-12		
248	Improving Quantitative Analysis of GC-MS for Tracking Potential Contaminants in Groundwater. 2021 , 213-237		
247	Development of a Liquid/Liquid Extraction Method and GC/MS Analysis Dedicated to the Quantitative Analysis of PAHs and O-PACs in Groundwater from Contaminated Sites and Soils. 1-19		0
246	Assessment of the efficacy of six field cleaning protocols for hydrocarbon quantification. 2021 , 28, 32310		
245	Modelling one-dimensional reactive transport of toxic contaminants in natural rivers. 2021 , 137, 104971		3
244	Clearing up cloudy waters: a review of sediment impacts to unionid freshwater mussels. 2021 , 29, 100-108		
243	Towards a systematic method for assessing the impact of chemical pollution on ecosystem services of water systems. <i>Journal of Environmental Management</i> , 2021 , 281, 111873	7.9	6
242	Remediation of contaminated sediments containing both organic and inorganic chemicals using ultrasound and ozone nanobubbles. 2021 , 274, 116538		0
241	Assessing benzene and toluene adsorption with peat depth: Implications on their fate and transport. 2021 , 274, 116477		3
240	Hydrocarbon pollution in Atlantic coast of Mauritania (Levrier Bay Zone): Call for sustainable management. <i>Marine Pollution Bulletin</i> , 2021 , 166, 112040	6.7	1
239	Temporal trends of legacy and novel brominated flame retardants in sediments along the Rh�ne River corridor in France. <i>Chemosphere</i> , 2021 , 271, 129889	8.4	3
238	Comprehensive determination of polychlorinated biphenyls and brominated flame retardants in surface sediment samples from Hanoi urban area, Vietnam: Contamination status, accumulation profiles, and potential ecological risks. 2021 , 197, 111158		3
237	Advancing prediction of polycyclic aromatic hydrocarbon bioaccumulation in plants for historically contaminated soils using <i>Lolium multiflorum</i> and simple chemical in-vitro methodologies. <i>Science of the Total Environment</i> , 2021 , 772, 144783	10.2	2
236	Stochastic Framework for Addressing Chemical Partitioning and Bioavailability in Contaminated Sediment Assessment and Management. <i>Environmental Science & Technology</i> , 2021 ,	10.3	
235	Mobility of organic compounds in a soft clay-rich rock (Tg�lines clay, France). <i>Chemosphere</i> , 2021 , 275, 130048	8.4	2

234	Terrestrial inputs govern spatial distribution of polychlorinated biphenyls (PCBs) and hexachlorobenzene (HCB) in an Arctic fjord system (Isfjorden, Svalbard). 2021 , 281, 116963		8
233	Microheterogeneous Distribution of Hydroxyl Radicals in Illuminated Dissolved Organic Matter Solutions. <i>Environmental Science & Technology</i> , 2021 , 55, 10524-10533	10.3	4
232	A Review of Empirical Models of Sorption Isotherms of Hydrophobic Contaminants. 2021 , 4, 16-44		
231	Assessment of Consolidation-Induced Contaminant Transport for In Situ Capping of Subaqueous Contaminated Sediments. 2021 , 147, 04021056		0
230	Toxicity assessment of typical polycyclic aromatic hydrocarbons to <i>Daphnia magna</i> and <i>Hyalella azteca</i> in water-only and sediment-water exposure systems. <i>Science of the Total Environment</i> , 2021 , 784, 147156	10.2	2
229	Sediment Remediation with New Composite Sorbent Amendments to Sequester Phosphorus, Organic Contaminants, and Metals. <i>Environmental Science & Technology</i> , 2021 , 55, 11937-11947	10.3	3
228	The sediment-water diffusion and risk assessment of PAHs in different types of drinking water sources in the Yangtze River Delta, China. 2021 , 309, 127456		5
227	Spatial distribution of legacy pesticides in river sediment from the Republic of Moldova. <i>Chemosphere</i> , 2021 , 279, 130923	8.4	2
226	Source, Partition and Ecological Risk of Polycyclic Aromatic Hydrocarbons in Karst Underground River Environment, Southern China. <i>Water (Switzerland)</i> , 2021 , 13, 2655	3	
225	Environmental monitoring and risk assessment in a tropical Costa Rican catchment under the influence of melon and watermelon crop pesticides. 2021 , 284, 117498		0
224	Estimation of fluorotelomer alcohol emissions from landfill cover systems. 1-12		0
223	Adsorption and desorption of naphthalene in bioretention cells under cold climate conditions. 2021 , 169, 106308		1
222	Behavior of surfactants and surfactant blends in soils during remediation: A review. 2021 , 2, 100007		4
221	Pathways of polycyclic aromatic hydrocarbons assimilation by plants growing in contaminated soils. 2021 , 193-250		0
220	Effects of lake sediment contamination by PAHs on nutrients and phytoplankton in Vaca Muerta, Neuquén, Argentina. 2021 , 80, 1		3
219	Degradation of Aromatic and Polyaromatic Compounds. 2001 , 211-239		2
218	Sorbent-Amended Active Sediment Caps for in-Place Management of PCB-Contaminated Sediments. 2006 , 379-391		3
217	Adsorption of chloroacetanilide herbicides on Hungarian soils. 2001 , 47-50		1

216	Earthworms and Their Use in Eco(toxico)logical Modeling. 2009 , 177-204	9
215	Impacts of Source Management on Chlorinated Solvent Plumes. 2010 , 185-216	4
214	The Effects of Sorption on the Bioavailability of Pesticides. 1991 , 119-137	7
213	Behavior of Pesticides in WaterBediment Systems. 2006 , 133-251	8
212	Environmental chemistry and toxicology of polychlorinated n-alkanes. 1998 , 158, 53-128	77
211	Bayesian Decision Support Using Environmental Transport-And-Fate Models. 1993 , 241-293	3
210	Organic and inorganic components in estuarine colloids: implications for sorption and transport of pollutants. 1990 , 112, 123-47	25
209	Attenuation of polychlorinated biphenyls in soils. 1987 , 98, 1-41	8
208	Application of Enclosures to the Study of Ocean Chemistry. 1982 , 63-80	8
207	Aromatic Hydrocarbons in Produced Water. 1996 , 163-175	9
206	An Ecological Risk Assessment for Polycyclic Aromatic Hydrocarbons in Produced Water Discharges to the Western Gulf of Mexico. 1996 , 355-366	4
205	A Multimedia Study of Hazardous Waste Landfill Gas Migration. 1986 , 265-287	2
204	Transport of Chemical Contaminants in the Marine Environment Originating from Offshore Drilling Bottom Deposits I A Vignette Model. 1986 , 49-64	4
203	Capping for Remediation of Contaminated Sediments. 2014 , 325-363	5
202	Organic Matter at the Sediment-Water Interface. 1993 , 171-184	23
201	Distribution, Composition and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of the River Tamar Catchment and Estuary, U.K.. 1984 , 155-170	8
200	Surfactant Effects on Desorption Rate of Nonionic Organic Compounds from Soils to Water. 1994 , 1-29	16
199	The Use of Microcosms for Evaluation of Interactions between Pollutants and Microorganisms. 1984 , 133-215	52

198	The Surface Chemistry of Humic Substances in Aquatic Systems. 1990 , 3-20		8
197	Bioaccumulation of contaminants in fish. 1998 , 86, 353-87		34
196	In Situ Degradation and Remediation of Energetics TNT, RDX, HMX, and CL-20 and a Byproduct NDMA in the Sub-Surface Environment. 2014 , 313-369		1
195	Transport and Transformation of Chemicals: A Perspective. <i>Handbook of Environmental Chemistry</i> , 1980 , 1-17	0.8	4
194	Hydrolysis of Organic Chemicals. <i>Handbook of Environmental Chemistry</i> , 1988 , 71-111	0.8	4
193	Natürlicher Abbau und Rückhalt von Schadstoffen. 2007 , 151-242		2
192	Quantitative Structure-Activity Relationships of Environmental Pollutants. <i>Handbook of Environmental Chemistry</i> , 1989 , 111-162	0.8	30
191	Bioavailability of Organic Contaminants in Freshwater Environments. <i>Handbook of Environmental Chemistry</i> , 2012 , 25-53	0.8	7
190	Sedimente als Lebensraum. 2001 , 7-65		2
189	Elutions- und Extraktionsverfahren zur Bestimmung mobiler anorganischer und organischer Kontaminanten in Feststoffen. 2000 , 151-177		2
188	Sorption und Desorption hydrophober organischer Schadstoffe in Aquifermaterial und Sedimenten. 1997 , 409-424		3
187	Fossil Fuel Aromatic Hydrocarbon Biogeochemistry in the Marine Environment: Research Challenges. 1986 , 113-142		3
186	Toxic Pollutants: Impact and Fate in Receiving Waters. 1986 , 423-462		1
185	Environmental Transfer of Some Organic Micropollutants. 1987 , 68-99		5
184	Geochemistry of Priority Pollutants in Anoxic Sludges: Cadmium, Arsenic, Methyl Mercury, and Chlorinated Organics. 1988 , 170-213		15
183	Application of Molecular Topology for the Estimation of Physical Data for Environmental Chemicals. 1988 , 335-348		0
182	Interactions of Toxic Organic Chemicals with Humic Substances. 1989 , 37-90		36
181	Predicting the Mobility and Availability of Toxic Organic Chemicals. 1989 , 151-162		6

180	Partition and Adsorption on Soil and Mobility of Organic Pollutants and Pesticides. 1989 , 163-175	7
179	Sorption and Transport of Organic Pollutants at Waste Disposal Sites. 1989 , 176-192	4
178	Interactions of Toxic Organics with Subsoils Components. 1993 , 93-110	1
177	Überblick zum Vorkommen biogener halogenorganischer Verbindungen (BHOV). 1994 , 151-158	4
176	Dynamics and Distribution of Hydrophobic Organic Compounds in the Baltic Sea. 2001 , 257-287	8
175	Formation of Residues of Organic Pollutants Within the Soil Matrix [Mechanisms and Stability]. 2001 , 219-251	3
174	Bioavailability in Soils. 2011 , 721-746	7
173	Geochronology of Anthropogenic Contaminants in Aquatic Sediment Archives. 2012 , 209-257	6
172	Sorption and Retardation of Organic Contaminants in Subsurface Systems: Effects on Transport and Fate. 1996 , 1-31	6
171	Particle-Water Partitioning and the Role of Sediments as a Sink and Secondary Source of TBT. 1996 , 459-473	14
170	Fate of contaminants in the soil environment: metal contaminants. 1996 , 69-93	8
169	Partitioning Relationships for Chlorinated Organics Between Water and Particulates in the St. Clair, Detroit and Niagara Rivers. 1987 , 251-260	1
168	Nonempirical Modeling of Environmental Distribution and Toxicity of Major Organic Pollutants. 1987 , 309-332	9
167	Sediment-associated contaminants [An overview of scientific bases for developing remedial options. 1987 , 221-246	3
166	Processing of Organic Contaminants in Lakes. 1991 , 33-86	6
165	Organic Chemical Pollutants in the Oceans and Groundwater: A Review of Fundamental Chemical Properties and Biogeochemistry. 1986 , 361-425	16
164	Sorption Behavior of Neutral and Ionizable Hydrophobic Organic Compounds. 1986 , 168-177	2
163	Indices for the Prediction of Environmental Properties of Hetero-Atomic Polycyclic Aromatic Pollutants. 1986 , 475-483	1

162	Experiments on Specific Retardation of Some Organic Contaminants by Slurry Trench Materials. 1986 , 849-857	10
161	Relationships Between Physical-Chemical and Environmental Partitioning Coefficients. 1984 , 261-278	2
160	Naturally produced organohalogens: AOX-monitoring in plants and sediments. 1995 , 261-268	4
159	Multivariate Analysis of the Input and Output Data in the Fugacity Model Level I. 1991 , 281-345	4
158	Sorption of Trichloroethylene by Soil and Aquifer Solids. 1991 , 465-469	1
157	Sorption of Organic Pollutants onto Natural Solid Components in Aquatic Environments. 1991 , 399-409	3
156	The environmental fate of organic chemicals. 1991 , 19-46	2
155	Properties of Chemicals and Estimation Methodologies. 1995 , 239-292	3
154	Evaluation of Soil Adsorption-Desorption Capacity for the Assessment of Pesticide Bioavailability. 1999 , 207-225	2
153	Phase Distributions of Hydrophobic Chemicals in the Aquatic Environment. 1999 , 327-348	2
152	Factors Controlling the Biodegradation of Chemicals in Soils. 1999 , 93-117	2
151	Soil Pollution Phenomena [Mobility of Heavy Metals in Contaminated Soil. 1991 , 543-582	12
150	Attenuation and Fate of Pharmaceuticals in River Environments. 2020 , 241-260	1
149	Bioavailability of Neutral Lipophilic Organic Chemicals Contained on Sediments: A Review. 1987 , 219-244	30
148	Interactions of Spilled Oil with Suspended Materials and Sediments in Aquatic Systems. 1987 , 299-316	3
147	The Use of the Equilibrium Partitioning Approach in Determining Safe Levels of Contaminants in Marine Sediments. 1987 , 388-412	18
146	Partition Coefficient and Water Solubility in Environmental Chemistry. 1981 , 117-153	15
145	Environmental and Laboratory Rates of Volatilization of Toxic Chemicals from Water. 1981 , 303-322	3

144	Use of Models for Assessing Relative Volatility, Mobility, and Persistence of Pesticides and Other Trace Organics in Soil Systems. 1983 , 1-43	7
143	Physical and Chemical Properties. 1981 , 1-16	3
142	Field Observations of Organic Contaminant Behavior in the Palo Alto Baylands. 1985 , 647-679	1
141	Ecosystem effects and the management of petroleum-contaminated soils on subantarctic islands. <i>Chemosphere</i> , 2018 , 194, 200-210	8.4 22
140	A CRITICAL ASSESSMENT OF SORPTION-DESORPTION MECHANISMS AT THE SOIL MINERAL/WATER INTERFACE. 1996 , 161, 813-831	136
139	Degradation of phthalic acids by denitrifying, mixed cultures of bacteria. 1981 , 41, 1177-83	29
138	Microbial transformation of esters of chlorinated carboxylic acids. 1984 , 47, 7-11	42
137	Biotransformations of chloroguaiacols, chlorocatechols, and chloroveratroles in sediments. 1986 , 51, 552-8	62
136	Microbial degradation of acenaphthene and naphthalene under denitrification conditions in soil-water systems. 1988 , 54, 1188-98	120
135	Effects of co-occurring aromatic hydrocarbons on degradation of individual polycyclic aromatic hydrocarbons in marine sediment slurries. 1988 , 54, 1649-55	115
134	Indigenous and enhanced mineralization of pyrene, benzo[a]pyrene, and carbazole in soils. 1991 , 57, 3462-9	205
133	Mobile bacteria and transport of polynuclear aromatic hydrocarbons in porous media. 1993 , 59, 3306-13	52
132	Impact of bacterial biomass on contaminant sorption and transport in a subsurface soil. 1993 , 59, 1813-20	46
131	A toxicity assessment approach for evaluation of in-situ bioremediation of PAH contaminated sediments. 2005 ,	1
130	Soil and Sediment Sorption Coefficients. 2000 ,	3
129	Endocrine Disrupters in Receiving Waters. 2002 ,	1
128	Introduction. 2006 , 1-59	1
127	Insecticides. 2006 , 3711-4022	1

126	TOC-Pesticide Profiles. 1997,			1
125	Sorption of Organic Compounds on Clay Minerals. 1-44			8
124	Sorption and Desorption of Organic Contaminants by Clays and Soils. 45-68			2
123	Distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in surface sediment in Lake Chaohu. 2012, 24, 891-898			3
122	Features of fractional composition of polycyclic aromatic hydrocarbons and multielement contamination of soils of urban territories and their hygienic characteristics (on the example of soils of functional zones of Saint-Petersburg). 2019, 95, 827-837			3
121	Molecular-level investigation of monoaromatic compound sorption to suspended soil particles by deuterium nuclear magnetic resonance. 2003, 32, 232-9			6
120	Removal of mineral oil and wastewater pollutants using hard coal. 2009, 15, 57-62			24
119	Biological Reduction of Organic Matter in Buji River Sediment (Shenzhen, China) with Artificial Oxygenation. <i>Water (Switzerland)</i> , 2020, 12, 3592	3		2
118	Nonionic Surfactant Solubilization of PAHs in Bentonite/Aqueous Systems. 2007, 54, 3-8			1
117	Biodegradation and Photodegradation of Selected Antimicrobial/ Antifungal Agents in the Aquatic Environment and Their Sorption onto Sediments. 2012, 22, 113-119			3
116	Distribution Characteristics of Polycyclic Aromatic Hydrocarbons(PAHs) in Riverine Waters of Ulsan Coast, Korea. 2012, 18, 398-405			5
115	Effects of supergene geochemical processes on desorption and bioavailability of polycyclic aromatic hydrocarbons in soil of karst area. 2021, 33, 402-414			0
114	Mathematical Modeling of Controlled-Release Systems of Herbicides Using Lignins as Matrices. 2000, 595-615			
113	Fate and Transport. 2000,			
112	CAS Registry Number Index. 2000,			
111	Determinants of Metal Retention to and Release from Soils. 2000, 77-91			
110	Mobilität umweltrelevanter Stoffe an zwei Moorstandorten. 2001, 19-40			
109	Geostatistical Analysis of PCB-Contaminated Sediment in a Commercial Dock, Swansea, UK. 2001, 487-497			1

- 108 Physikalisch-chemische und biologische Methoden zur Charakterisierung der Sedimentmatrix. **2001**, 85-115
- 107 Distribution, fate, and impact of pesticides in the tropical marine environment of Vietnam. **2002**,
- 106 Soil Microorganisms: Role in Biodegradation.
- 105 Natürlicher Abbau und Rückhalt von Schadstoffen. **2003**, 151-242 1
- 104 Soil Microorganisms: Role in Biodegradation.
- 103 Interactions between Organic Contaminants and Soil-Water Systems. **2003**,
- 102 RESEARCH PAPERS : SENSITIVITY ANALYSIS OF PLUG FLOW PORE SURFACE DIFFUSION MODEL PART 2: FOR MULTICOMPONENT. **2004**, 9, 45-50
- 101 References. **2005**, 645-660
- 100 Toxicological exposure of bound recalcitrant compounds. **2005**, 11-31
- 99 Phenolic Compounds. **2006**, 2779-3022
- 98 Mononuclear Aromatic Hydrocarbons. **2006**, 405-616
- 97 Polychlorinated Biphenyls (PCBs). **2006**, 1479-2062
- 96 Herbicides. **2006**, 3457-3710
- 95 Polynuclear Aromatic Hydrocarbons (PAHs) and Related Aromatic Hydrocarbons. **2006**, 617-919
- 94 Nitrogen and Sulfur Compounds. **2006**, 3196-3455
- 93 Biodegradation. **2006**, 31-1-31-27
- 92 References. **2007**, 1577-1701
- 91 Remediation Assessment, Sampling, and Monitoring. **2009**, 71-107

- 90 Deposition of Dissolved and Particulate-Bound Chemicals from the Surface Ocean. **2010**, 495-512
- 89 Chemicals in the Environment, Dispersive Transport. **2012**, 113-140
- 88 Encyclopedia of Sustainability Science and Technology. **2012**, 10962-10975
- 87 Encyclopedia of Sustainability Science and Technology. **2012**, 2030-2047
- 86 Transport in the Environment. **2012**, 65-88
- 85 Mechanical Properties. **2012**, 213-268
- 84 Potential Application of Environmental Tracer in Hydrogeochemistry Using Sorption Properties. *Journal of Soil and Groundwater Environment*, **2012**, 17, 59-68
- 83 Hydrodynamic Effects. *Advanced Topics in Science and Technology in China*, **2013**, 43-66 0.2
- 82 References. *Applied Ecology and Environmental Management*, **2013**, 367-374
- 81 Modelling Concepts for Hydrophobic Organic Pollutants in Lakes. *Developments in Environmental Modelling*, **1984**, 6, 171-212 0
- 80 The Fates of Aromatics Model (Foam): Description, Application, and Analysis. *Developments in Environmental Modelling*, **1984**, 6, 109-121 0
- 79 A Preliminary Model of the Dispersal and Biological Effect of Toxins in the Tamar Estuary, England. *Developments in Environmental Modelling*, **1984**, 253-284 0
- 78 Processes Affecting the Movement and Fate of Trace Organics in the Subsurface Environment. **1985**, 627-646
- 77 OECD Fate and Mobility Test Methods. *Handbook of Environmental Chemistry*, **1985**, 1-28 0.8
- 76 Aquatic Fate and Transport Modeling Techniques for Predicting Environmental Exposure to Organic Pesticides and Other Toxicants: A Comparative Study. **1986**, 463-496
- 75 Removal and Retention of Volatile Chlorinated Hydrocarbons in the soils'Unsaturated Zone. **1986**, 63-77 5
- 74 Limitations of the Koc Concept Inferred from 1-Methylnaphthalene Sorption on Organic Coated Minerals. **1988**, 121-123
- 73 Fate and Transport of Organic Compounds in Rivers. **1988**, 154-168

- 72 Cancer and The Adjudicative Process: The Interface of Environmental Protection and Toxic Tort Law. *American Journal of Law and Medicine*, **1988**, 14, 1-67 0.5
- 71 Distribution of nutrients, trace elements, PAHs and radionuclides in sediment cores from Lake Varese (N. Italy). **1989**, 213-223
- 70 Models, Field Studies, Laboratory Experiments: An Integrated Approach to Evaluate the Environmental Fate of Atrazine (s-Triazine Herbicide). **1989**, 513-522 0
- 69 Solute Transport Modelling of Organic Compounds in Groundwater West of the Lawrence Livermore National Laboratory, Livermore, California. **1989**, 607-618
- 68 The Influence of a Salt Wedge and Tidal Flow Dynamics on Contaminant Pathways in the Fraser River Estuary, British Columbia. **1990**, 203-208
- 67 A Preliminary Investigation into the Mass Transfer Properties of a Pesticide onto Abiotic Media. *Journal of Environmental Systems*, 20, 91-109 1
- 66 Polycyclic Aromatic Hydrocarbons in the River Meuse Basin. **1991**, 432-436
- 65 Modeling of In-Situ Bioremediation of Organic Compounds in Groundwater. **1991**, 667-702 1
- 64 Sediment analysis for the assessment of risk from organic pollutants in lakes. **1992**, 639-647
- 63 Cohesive sediment transport: emerging issues for toxic chemical management. **1992**, 177-187
- 62 VOCs and soil pollution. **1993**, 202-236
- 61 Adsorption of Polycyclic Aromatic Hydrocarbons (PAHs) by Soil Particles: Influence on Biodegradability and Potential Risk of Contaminated Sites. *Soil & Environment*, **1993**, 337-345
- 60 Agronomic and Ecotoxicological Aspects of Herbicide Contamination of Groundwater in Italy. *Economy & Environment*, **1994**, 111-139 1
- 59 Sorption of Polar Degradation Products of Lubricating Oil onto Subsoil Particles. *Soil & Environment*, **1995**, 385-386
- 58 Sorption of Benzene, Toluene, and meta-Xylene to Contaminated Site Soils. **1996**, 303-309
- 57 Verhalten von organischen Chemikalien in Böden und Ansätze zur Bewertung. **1996**, 183-195
- 56 Application of Monte Carlo Analysis to Saturated Subsurface Contamination Modelling. *Water Science and Technology Library*, **1996**, 197-213 0.3
- 55 Sorption Characteristics of Organic Compounds in Landfill Leachate by Modified Clays. **1996**, 351-360

54	Volatilisation of aromatic hydrocarbons from soil: Part II, Fluxes from coal tar contaminated soils residing below the soil surface. <i>Water, Air, and Soil Pollution</i> , 1996 , 92, 375-389	2.6	7
53	Emissionen und Wirkungen von Schadstoffen im Boden. 1997 , 413-553		
52	Performance of Groundwater Quality Models Evaluated with Data Containing Errors. 1997 , 301-322		
51	Sorption-Desorption and Complexation Processes of the Adsorbed and Aqueous Fraction of NAPL: Importance for Complete Cleanup of Aquifers. 1998 , 79-90		
50	Zeitliche Dynamik von anthropogen angereicherten Schadstoffen in rezenten Flußsedimenten. 1999 , 95-114		
49	Predicting Soil Sorption Coefficients of Phenanthrene Using a Neural Network Model. <i>Health Scope</i> , 2016 , 5,	1.1	0
48	Sorption behavior of non-polar hydrophobic organic chemicals on soils, sediments of Bangladesh. 2020 , 119-120		
47	The Theory of Accumulation and its Relationship to the Choice of Monitoring Matrices for Dioxins. 1983 , 301-321		
46	Contaminant Mobilization from Polluted Soils: Behavior and Reuse of Leaching Solutions. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020 , 1-59	0.5	
45	Endophytic Bacterial Applications in Phytoremediation of Organic Pollutants and Toxic Metals. 2020 , 131-160		1
44	Properties and distribution of sediment in the Salton Sea, California: an assessment of predictive models. 2008 , 97-110		
43	Transport and Sorption. 2007 , 101-122		
42	Molecular dynamics simulation of the adsorption of organic contaminants (phthalate esters and perfluorinated alkyl substances) on organic-coated smectite clay particles. <i>Soil Science Society of America Journal</i> ,	2.5	0
41	Current Soil Bioremediation Technologies: An Assessment. 2022 , 17-29		
40	Tracing faecal pollution by coprostanol and intestinal bacteria in an ice-covered finnish lake loaded with both industrial and domestic sewage. <i>Water, Air, and Soil Pollution</i> , 1986 , 28, 131-149	2.6	11
39	Hydrophobic sorption of polar organics by low organic carbon soils. <i>Water, Air, and Soil Pollution</i> , 1986 , 28, 239-248	2.6	14
38	Transfer of Trace Organic Compounds in an Operational Soil-Aquifer Treatment System Assessed Through an Intrinsic Tracer Test and Transport Modeling. <i>SSRN Electronic Journal</i> ,	1	
37	Pharmaceuticals, Benzotriazoles and Polyfluoroalkyl Substances: Impacts and Potential Reduction Measures. 2022 , 179-196		

36	Examining the Relevance of the Microplastic-Associated Additive Fraction in Environmental Compartments. <i>ACS ES&T Water</i> , 2022 , 2, 405-413		0
35	Sorption and Mobility of Charged Organic Compounds: How to Confront and Overcome Limitations in Their Assessment.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	4
34	Evaluation on adsorption capacity of low organic matter soil for hydrophobic organic pollutant. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107561	6.8	1
33	To the issue of studying plant protection products active substances behavior inside the surface and ground water in Ukraine according to the European Union (EU) regulations. <i>Ukrainian Journal of Modern Toxicological Aspects</i> , 2021 , 91, 63-78	0.2	
32	Occurrence and fate of micropollutants in soils. 2022 , 295-304		
31	Effect of sorbate stereochemistry on the sorption/desorption of polychlorinated biphenyls between natural soil and an aqueous solution. <i>Soil and Sediment Contamination</i> , 1-16	3.2	
30	Occurrence, source, and ecological risk assessment of organochlorine pesticides and polychlorinated biphenyls in the water-sediment system of Hangzhou Bay and East China Sea.. <i>Marine Pollution Bulletin</i> , 2022 , 179, 113735	6.7	1
29	Transfer of trace organic compounds in an operational soil-aquifer treatment system assessed through an intrinsic tracer test and transport modelling.. <i>Science of the Total Environment</i> , 2022 , 836, 155643	10.2	1
28	Effect of vapour-solid interfacial adsorption on benzene multiphase partition and its implication to vapour exposure assessment of contaminated soil in arid area.. <i>Journal of Environmental Management</i> , 2022 , 315, 115182	7.9	0
27	Distribution and ecological risks of pharmaceuticals and personal care products with different anthropogenic stresses in a coastal watershed of China. <i>Chemosphere</i> , 2022 , 303, 135176	8.4	1
26	A comparative study of the sorption of O-PAHs and PAHs onto soils to understand their transport in soils and groundwater. <i>Journal of Environmental Sciences</i> , 2023 , 124, 61-75	6.4	0
25	Soil and Water Management Factors That Affect Plant Uptake of Pharmaceuticals: A Case Study. <i>Water (Switzerland)</i> , 2022 , 14, 1886	3	
24	A simple molecular simulation strategy for rapid prediction of BTEX sorption on a surface-modified sorbent. <i>Surfaces and Interfaces</i> , 2022 , 33, 102190	4.1	
23	Modelling polycyclic aromatic hydrocarbon bioavailability in historically contaminated soils with six in-vitro chemical extractions and three earthworm ecotypes. <i>Science of the Total Environment</i> , 2022 , 845, 157265	10.2	
22	Retrieval, Selection, and Evaluation of Chemical Property Data for Assessments of Chemical Emissions, Fate, Hazard, Exposure, and Risks. <i>ACS Environmental Au</i> ,		1
21	Assessing the Persistence and Mobility of Organic Substances to Protect Freshwater Resources.		0
20	Immobilized artificial membrane-chromatographic and computational descriptors in studies of soil-water partition of environmentally relevant compounds.		0
19	Visible LightDriven Advanced Oxidation Processes to Remove Emerging Contaminants from Water and Wastewater: a Review. 2022 , 233,		0

18	Oil-Mineral Flocculation and Settling Dynamics.	○
17	An experimental study of the reactive tracing method to determine the polycyclic aromatic hydrocarbon dynamics in a refinery wasteland soil. 1-15	○
16	Mobility in the context of exposure-based assessment of chemicals for drinking water resources protection.	○
15	Molecular tracers for characterization and distribution of organic matter in a freshwater lake system from the Lesser Himalaya.	○
14	Contaminant characterization at pesticide production sites in the Yangtze River Delta: Residue, distribution, and environmental risk. 2022 , 160156	○
13	Radical chemistry, degradation mechanism and toxicity evolution of BPA in the UV/chlorine and UV/H ₂ O ₂ . 2022 , 137169	○
12	Comparison of polycyclic aromatic hydrocarbon accumulation in crab tissues with the ambient marine particles from shallow hydrothermal vents, northeast taiwan. 2022 , 114863	○
11	Preliminary Investigations. 2022 , 41-93	○
10	Dense nonaqueous phase liquids back diffusion controlled by biodegradation and heterogeneous sorption-desorption. 2023 , 382, 135370	○
9	Numerical analysis on the applicability of sorption isotherm models in aquifers and its correlation with recharged water movement. 1-9	○
8	Adsorption of the hydrophobic organic pollutant hexachlorobenzene to phyllosilicate minerals.	1
7	Assessing exchangeable phosphate and related data in coastal sediments: Theoretical and practical considerations. 2023 , 281, 108218	○
6	Effect of pH, surface charge and soil properties on the solid solution partitioning of perfluoroalkyl substances (PFASs) in a wide range of temperate soils. 2023 , 321, 138133	○
5	On the Nature of Hydrophobic Organic Compound Adsorption to Smectite Minerals Using the Example of Hexachlorobenzene-Montmorillonite Interactions. 2023 , 13, 280	○
4	Kinetics of Soil Chemical Processes. 2024 , 305-348	○
3	Groundwater chemistry. 2024 , 425-496	○
2	References. 2024 , 631-650	○
1	Legacy Dichlorodiphenyltrichloroethane (DDT) Pollution in a River Ecosystem: Sediment Contamination and Bioaccumulation in Benthic Invertebrates. 2023 , 15, 6493	○

