

CITATION REPORT

List of articles citing

Aqueous solubility of polynuclear aromatic hydrocarbons

DOI: 10.1021/je60075a012

Journal of Chemical & Engineering Data, 1977, 22, 399-400

Source: <https://exaly.com/paper-pdf/13224395/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
363	Programmed Self-Assembly Systems of Amphiphilic Random Copolymers into Size-Controlled and Thermoresponsive Micelles in Water.		
362	FLASH PHOTOLYTIC INVESTIGATIONS OF THE ELECTRON TRANSFER BETWEEN AROMATIC HYDROCARBON RADICALS AND TRYPTOPHAN IN MICELLAR SOLUTIONS. 1979 , 30, 723-725		4
361	Determination of polycyclic aromatic hydrocarbons in sediments and mussels from Saudafjord, W. Norway, by glass capillary gas chromatography. <i>Science of the Total Environment</i> , 1979 , 13, 71-86	10.2	47
360	References. 1980 , 531-568		
359	Solubility and partitioning I: Solubility of nonelectrolytes in water. 1980 , 69, 912-22		432
358	The Correlation of the Toxicity to Algae of Hydrocarbons and Halogenated Hydrocarbons with their Physical-Chemical Properties. 1980 , 577-586		21
357	The Multiple Gas-Phase Equilibration Method and Its Application to Environmental Studies. 1980 , 193-218		5
356	Aqueous solubility of polychlorinated biphenyls. <i>Chemosphere</i> , 1980 , 9, 257-264	8.4	57
355	Relationships between aqueous solubility and octanol-water partition coefficients. <i>Chemosphere</i> , 1980 , 9, 701-711	8.4	164
354	Predicting aqueous solubility of organic nonelectrolytes from molar volume. <i>Chemosphere</i> , 1981 , 10, 751-759	8.4	12
353	Biosorption of hydrophobic organic pollutants by mixed microbial populations. <i>Chemosphere</i> , 1981 , 10, 27-32	8.4	32
352	Semi-empirical estimation of sorption of hydrophobic pollutants on natural sediments and soils. <i>Chemosphere</i> , 1981 , 10, 833-846	8.4	931
351	AQUEOUS SOLUBILITY OF CRUDE OIL TO 400°C AND 2,000 BARS PRESSURE IN THE PRESENCE OF GAS*. 1981 , 4, 195-223		42
350	A Relationship Between Reversed-Phase C18 Liquid Chromatographic Retention and the Shape of Polycyclic Aromatic Hydrocarbons. 1981 , 19, 457-465		266
349	Algicidal properties of the pesticide cosolvent Aerotex 3470: growth, ATP synthesis, and ultrastructure. 1981 , 59, 1003-1013		4
348	Effects of particulate matter on rates of membrane uptake of polynuclear aromatic hydrocarbons. 1981 , 8, 241-50		12
347	Behaviour of no. 2 fuel oil in the water column of controlled ecosystems. 1982 , 6, 115-132		17

346	Transport of no. 2 fuel oil between water column, surface microlayer and atmosphere in controlled ecosystems. 1982 , 6, 133-143		15
345	Estimating the aqueous solubility of aromatic hydrocarbons by high performance liquid chromatography. <i>Chemosphere</i> , 1982 , 11, 689-699	8.4	13
344	Effect of eight polynuclear hydrocarbons on growth of <i>Anabaena flos-aquae</i> . 1982 , 29, 531-8		12
343	Reversed-phase thin-layer chromatography of polynuclear aromatic hydrocarbons and chlorinated biphenyls. 1982 , 238, 335-346		120
342	Activity coefficients, interfacial tensions and retention in reversed-phase liquid chromatography on LiChrosorb RP-18 with methanol-water mixtures. 1982 , 246, 169-189		39
341	Correlations between liquid chromatographic capacity ratio data on lichrosorb RP-18 and partition coefficients in the octanol/water system. 1982 , 247, 1-13		145
340	Peculiar effects of alkali thiocyanates on the activity coefficients of aromatic hydrocarbons in water. 1983 , 12, 741-754		20
339	Concentrations of unsubstituted polycyclic aromatic hydrocarbons in softshell clams from Coos Bay, Oregon, USA. <i>Marine Pollution Bulletin</i> , 1983 , 14, 94-97	6.7	5
338	Fat solubility: A property of environmental relevance?. <i>Chemosphere</i> , 1983 , 12, 97-104	8.4	20
337	Polycyclic aromatic hydrocarbon (PAH)-phase associations in Washington coastal sediment. 1983 , 47, 1013-1023		289
336	Concentrations of unsubstituted polynuclear aromatic hydrocarbons in bay mussels (<i>Mytilus edulis</i>) from Oregon, USA. 1983 , 9, 193-209		22
335	Uptake, depuration, and biotransformation of anthracene and benzo[a]pyrene in bluegill sunfish. 1983 , 7, 330-41		80
334	Suspended Load and Solubility Affect Sedimentation of Petroleum Hydrocarbons in Controlled Estuarine Ecosystems. 1983 , 40, s54-s62		13
333	Solubility of Anthracene in Dense Gases and Liquids to 200°C and 2000 bar. 1983 , 87, 882-890		50
332	Determination of Aqueous Solubilities of a Series of 5-Ethyl-5-Alkylbarbituric Acids and Their Correlation with Log P and Melting Points. 1984 , 10, 69-83		7
331	The effects of temperature and salinity on the aqueous solubility of polynuclear aromatic hydrocarbons. 1984 , 14, 319-332		140
330	Interaction of neutral arenes with poly(vinylbenzo-18-crown-6) and poly(vinylbenzoglyme) in aqueous media. 1984 , 97, 392-400		6
329	Solubilization of naphthalene derivatives in micellar assemblies. 1984 , 98, 152-161		18

328	Octanol-water partition coefficient of benzo(a)pyrene: measurement, calculation, and environmental implications. 1984 , 32, 316-23		9
327	Toxicity of coal-distillates to <i>Spirodela polyrrhiza</i> . 1984 , 33, 220-4		2
326	Spatial and temporal concentration gradients of PAH (fluoranthene, benzo(a)pyrene), EBHC and 2,4-D in samples of soil, soil water and ground water in an agricultural research area. 1984 , 319, 172-179		18
325	Correlation and Estimation of Aqueous Solubilities of Polycyclic Aromatic Hydrocarbons. 1984 , 3, 10-16		15
324	Comparative kinetics of oral benz(a)anthracene, chrysene and triphenylene in rats: study with hydrocarbon mixtures. 1984 , 23, 333-9		10
323	The prediction of bioconcentration in fish. 1984 , 18, 1253-1262		121
322	The leachability of carbon-14-labelled 3,4-benzopyrene from coal ash into aqueous systems. <i>Chemosphere</i> , 1984 , 13, 1343-1351	8.4	
321	Some observations on the polycyclic aromatic hydrocarbon (PAH) content of surface soils in urban areas. <i>Science of the Total Environment</i> , 1984 , 33, 75-85	10.2	37
320	Persistence and fate of polynuclear aromatic hydrocarbons deposited on slash burn sites in the Cascade Mountains and Coast Range of Oregon. 1985 , 14, 187-92		5
319	Effect of particulates on metabolism and mutagenicity of benzo[a]pyrene. 1985 , 56, 13-28		5
318	Effect of polynuclear hydrocarbons on algal nitrogen fixation (acetylene reduction). 1985 , 35, 258-65		4
317	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
316	Evaluating the environmental behavior of chemicals with a level III fugacity model. <i>Chemosphere</i> , 1985 , 14, 335-374	8.4	99
315	Aromatic Compound Solubility in Solvent/Water Mixtures. 1986 , 112, 328-345		60
314	Polycyclic Aromatic Hydrocarbons in Surface Sediments from the Elizabeth River Subestuary. 1986 , 26, 97-113		73
313	Exhaustive steam distillation extraction of aromatic organics from rainbow trout and water. 1986 , 5, 155-159		5
312	Effect of Organic Solvent on Sorption of Aromatic Solutes onto Soils. 1986 , 112, 346-366		58
311	Correlation and Estimation of Aqueous Solubilities of Halogenated Benzenes. 1987 , 16, 279-292		7

310	The Vapor Saturation Method for Preparing Aqueous Solutions of Solid Aromatic Hydrocarbons. 1987 , 60, 3935-3939		10
309	Sediment-water partition coefficients and HPLC retention factors of aromatic hydrocarbons. <i>Chemosphere</i> , 1987 , 16, 109-116	8.4	51
308	The toxicity of pyrene in the fish : Synergism by piperonyl butoxide and by ultraviolet light. <i>Chemosphere</i> , 1987 , 16, 2291-2298	8.4	8
307	Leaching study of polycyclic aromatic hydrocarbon bioavailability from a coal-derived solid product. <i>Chemosphere</i> , 1987 , 16, 2613-2622	8.4	
306	Do Polycyclic Aromatic Hydrocarbons, Acting as Photosensitizers, Participate in the Toxic Effects of Acid Rain?. 1987 , 191-204		10
305	A mathematical model of the penetration of polycyclic aromatic hydrocarbons through the bronchial lining layer. 1987 , 44, 321-34		17
304	The behavior of hydrophobic, organic micropollutants in different Karst water systems. 1987 , 34, 79-95		24
303	Effects of chemical structure and exposure on the microbial degradation of polycyclic aromatic hydrocarbons in freshwater and estuarine ecosystems. 1987 , 6, 535-546		153
302	Role of the lymphatic system in the transport of absorbed 7,12-dimethylbenzanthracene in the rat. 1987 , 22, 152-5		5
301	Analysis of polycyclic aromatic hydrocarbons in solid sample material using a desorption device coupled to a GC/MS system. 1988 , 26, 171-177		16
300	Preparation of aqueous solutions of sparingly soluble organic substances: I. Single component systems. 1988 , 7, 117-124		48
299	Parameters related to pollution by n-alkanes and PAH in Baltic water and sediments. <i>Marine Pollution Bulletin</i> , 1988 , 19, 222-226	6.7	16
298	Distribution coefficients for chemical components of a coal-oil/water system. 1988 , 22, 1189-1199		12
297	Aqueous solubility of selected biphenyl, furan, and dioxin congeners. <i>Chemosphere</i> , 1988 , 17, 243-252	8.4	44
296	Intestinal absorption of carcinogenic hydrocarbons. 1988 , 534, 565-74		7
295	Accumulation de polluants organiques (H.P.A.) dans les horizons humifiés des sols. 1988 , 18, 310-318		15
294	Environmentally relevant physical-chemical properties of hydrocarbons: A review of data and development of simple correlations. 1988 , 4, 191-216		102
293	Dissolved organic macromolecules reduce the uptake of hydrophobic organic contaminants by the gills of rainbow trout (<i>Salmo gairdneri</i>). 1988 , 7, 593-600		83

292	Adsorption of benzo(a)pyrene on to asbestos and manmade mineral fibres in an aqueous solution and in a biological model solution. 1988 , 45, 682-8		2
291	Mass transfer rates of polycyclic aromatic hydrocarbons between micron-size particles and their environment--theoretical estimates. 1989 , 79, 249-58		4
290	Bioaccumulation of Hydrophobic Organic Pollutant Compounds. 1989 , 279-313		5
289	Mass Transfer Rates of Polycyclic Aromatic Hydrocarbons between Micron-Size Particles and Their Environment: Theoretical Estimates. 1989 , 79, 249		4
288	Occurrence and distribution of polycyclic aromatic hydrocarbons in surface sediments and water from the Brisbane River estuary, Australia. 1989 , 29, 473-487		24
287	PAH partitioning mechanisms with activated sludge. 1989 , 23, 93-102		27
286	Intestinal absorption and metabolism of hydrocarbons. 1989 , 28, 189-203		37
285	Organic Contamination of Ground Water at Gas Works Park, Seattle, Washington. 1990 , 10, 187-198		26
284	Development of a pulsed-laser, fiber-optic-based fluorimeter: determination of fluorescence decay times of polycyclic aromatic hydrocarbons in sea water. 1990 , 239, 45-51		46
283	Henry's law constants for selected pesticides, PAHs and PCBs. 1990 , 9, 731-735		38
282	Complexation of aromatic hydrocarbons with cyclotetrachromotropyrene in aqueous solution. 1990 , 31, 1911-1914		18
281	Solubilities of pesticide chemicals in water. Part II: Data compilation. <i>Reviews of Environmental Contamination and Toxicology</i> , 1990 , 116, 15-187	3.5	25
280	Vapor pressures and gas-phase PVT data for 1,1-dichloro-2,2,2-trifluoroethane. <i>Journal of Chemical & Engineering Data</i> , 1990 , 35, 237-240	2.8	23
279	Cosolvent effects on sorption and mobility of organic contaminants in soils. <i>Chemosphere</i> , 1990 , 21, 575-587	5.1	57
278	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
277	Calculation of the thermodynamic and transport properties of aqueous species at high pressures and temperatures: Standard partial molal properties of organic species. 1990 , 54, 915-945		301
276	Determination of vapor pressures for nonpolar and semipolar organic compounds from gas chromatographic retention data. <i>Journal of Chemical & Engineering Data</i> , 1990 , 35, 232-237	2.8	236
275	Classification of marine environment samples based on chromatographic analysis of hydrocarbons and principal component analysis. 1990 , 6, 177-193		9

274	Aquatic toxicity testing for multicomponent compounds with special reference to preparation of test solution. 1991 , 21, 57-67		5
273	Biogeochemical Processes Governing Exposure and Uptake of Organic Pollutant Compounds in Aquatic Organisms. 1991 , 90, 75		38
272	Correlation of aqueous solubility and octanol-water partition coefficient based on molecular structure. <i>Chemosphere</i> , 1991 , 22, 723-738	8.4	46
271	Graphical display of the fugacity model level I. <i>Chemosphere</i> , 1991 , 23, 633-642	8.4	6
270	Solubility of organic chemicals in octanol, triolein and cod liver oil and relationships between solubility and partition coefficients. 1991 , 25, 1515-1521		36
269	Aqueous chlorination of tetracyclic aromatic hydrocarbons: reactivity and product distribution. <i>Chemosphere</i> , 1991 , 22, 495-501	8.4	13
268	Biogeochemical processes governing exposure and uptake of organic pollutant compounds in aquatic organisms. 1991 , 90, 75-84		25
267	Effects of Acute Temperature Change on Respiration and Toxicant Uptake by Rainbow Trout, <i>Salmo gairdneri</i> (Richardson). 1991 , 64, 145-168		22
266	Development of a differential volume reactor system for soil biodegradation studies. 1991 , 28-29, 5-19		3
265	The retention of polycyclic aromatic hydrocarbons in the bronchial airways and in the alveolar region--a theoretical comparison. 1991 , 107, 239-52		21
264	Aqueous solubility of liquid hydrocarbon mixtures containing dissolved solid components. 1991 , 10, 633-639		16
263	A Gas Chromatographic/Chemical Indicator Approach to Assessing Ground Water Contamination by Petroleum Products. 1991 , 11, 90-100		15
262	References. 1992 , 1153-1478		
261	Quantitative Structure-property Relationships for Aqueous Solubilities of Halogenated Aromatic Compounds. 1992 , 24, 137-160		7
260	Adsorption studies on pesticide/cationic surfactant/bentonite systems. 1992 , 190-193		13
259	Behaviour of polycyclic aromatic hydrocarbons and triazine herbicides in water and aquifer material of a drinking water recharge plant. 1993 , 346, 995-999		5
258	Changes in mutagenic properties and chemical fate of benz (a) anthracene in chlorine-treated water with and without bromide ion. <i>Chemosphere</i> , 1993 , 27, 2155-2162	8.4	6
257	Unimolecular micelles and globular amphiphiles: dendritic macromolecules as novel recyclable solubilization agents. 1993 , 1287-1297		424

256	A simple method to assess the susceptibility of polynuclear aromatic hydrocarbons to photolytic decomposition. 1993 , 27, 139-144	23
255	Ozonation And AOP Treatment Of Phenanthrene In Aqueous Solutions. 1994 , 16, 475-485	21
254	Experimental Data and Modeling for Surfactant Micelles, HOCs, and Soil. 1994 , 120, 23-41	34
253	Molecular dosimetry of DNA adducts in rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to benzo(a)pyrene by different routes. 1994 , 69, 1-7	21
252	Release rates of polynuclear aromatic hydrocarbons from natural sediments and their relationship to solubility and octanol-water partitioning. 1994 , 26, 282-291	14
251	Dearomatisation of a refinery kerosene by liquid surfactant membranes - prediction of extraction rates. 1994 , 88, 69-76	7
250	Polycyclic aromatic compounds: extraction and determination in food. 1994 , 11, 669-84	50
249	An experimental study of crude oil alteration in reservoir rocks by water washing. 1994 , 21, 465-479	47
248	Surfactant Solubilization of Phenanthrene in Soil-Aqueous Systems and Its Effects on Biomineralization. 1995 , 339-361	8
247	State-of-the-Art Review of Modeling Transport and Fate of Oil Spills. 1996 , 122, 594-609	144
246	Compilation and Correlation of Limiting Activity Coefficients of Nonelectrolytes in Water. 1996 , 35, 1044-105888	
245	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
244	Biodegradation Kinetics of Phenanthrene Partitioned into the Micellar Phase of Nonionic Surfactants. 1996 , 30, 605-611	189
243	Determination of monod kinetic coefficients for volatile hydrophobic organic compounds. 1996 , 50, 693-9	22
242	Absorption spectra of pyrene in bovine serum albumin and caffeine aqueous solutions. 1996 , 95, 271-273	7
241	Optimization of a drying method for filtered suspended solids from natural waters for supercritical fluid extraction analysis of hydrophobic organic compounds. 1996 , 738, 253-264	13
240	Evaluation of selected filters for collection and subsequent supercritical fluid extraction of suspended solids for trace organic analysis. 1996 , 753, 279-290	9
239	Study of Poly(amidoamine) Starburst Dendrimers by Fluorescence Probing. 1997 , 13, 5870-5875	78

238	Class-Selective Extraction of Polar, Moderately Polar, and Nonpolar Organics from Hydrocarbon Wastes Using Subcritical Water. 1997 , 31, 430-437		121
237	Fluorescence Quenching Studies of Micellization and Solubilization in Fluorocarbon-Hydrocarbon Surfactant Mixtures. 1997 , 13, 4535-4544		63
236	Thermodynamic Considerations in the Sorption of Organic Contaminants by Soils and Sediments. 1. The Isothermic Heat Approach and Its Application to Model Inorganic Sorbents. 1997 , 31, 3238-3243		45
235	Polycyclic aromatic hydrocarbons inhibit the activity of acetylcholinesterase purified from electric eel. 1997 , 238, 367-9		66
234	Toluene Solubility in Water and Organic Partitioning from Gasoline and Diesel Fuel into Water at Elevated Temperatures and Pressures. <i>Journal of Chemical & Engineering Data</i> , 1997 , 42, 908-913	2.8	43
233	Complexation-Flocculation: A New Method To Determine Binding Coefficients of Organic Contaminants to Dissolved Humic Substances. 1997 , 31, 3558-3564		65
232	Measuring methods of infinite dilution activity coefficients and a database for systems including water. 1997 , 131, 145-179		136
231	Acute toxicity and aqueous solubility of some condensed thiophenes and their microbial metabolites. 1997 , 16, 658-665		38
230	Long-term fate of crankcase oil in rainbow trout: A time- and dose-response study. 1997 , 16, 1295-1303		6
229	The Effect of Ternary Complex Formation on the Partitioning of Pyrene and Anthracene in Aqueous Solutions Containing Sodium Dodecyl Sulfate and M-gamma-cyclodextrin. 1997 , 193, 8-16		12
228	Formation constants of polynuclear aromatic compounds and β -cyclodextrin inclusion complexes in β -cyclodextrin modified mobile phase high performance liquid chromatography system. 1997 , 344, 137-143		20
227	Soxhlet extraction of solid materials: an outdated technique with a promising innovative future. 1998 , 369, 1-10		392
226	Elution of organic solutes from different polarity sorbents using subcritical water. 1998 , 810, 149-159		150
225	Effect of calcium on the surfactant tolerance of a fluoranthene degrading bacterium. 1998 , 9, 369-79		24
224	The hydrophobic effect. 1. A consequence of the mobile order in H-bonded liquids. 1998 , 87, 987-97		41
223	Coupled transport of PAH and surfactants in natural aquifer material. 1998 , 23, 237-243		9
222	Modeling infinite dilution activity coefficients of organic-aqueous systems using a modified regular solution equation and cubic equations-of-state. 1998 , 76, 94-103		4
221	Physicochemical properties of polycyclic aromatic hydrocarbons: Aqueous solubilities, n-octanol/water partition coefficients, and Henry's law constants. 1998 , 17, 251-257		125

220	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
219	Prediction of infinite dilution activity coefficients in aqueous solutions by group contribution models. A critical evaluation. 1998 , 144, 97-112		30
218	Using Dissolved Humic Acid To Remove Hydrophobic Contaminants from Water by Complexation Flocculation Process. 1998 , 32, 981-986		89
217	Correlation of the Aqueous Solubility of Hydrocarbons and Halogenated Hydrocarbons with Molecular Structure. 1998 , 38, 283-292		63
216	Determination of aqueous solubility and surface adsorption of polycyclic aromatic hydrocarbons by laser multiphoton ionization. 1998 , 70, 2685-92		16
215	Prediction of Infinite Dilution Activity Coefficients of Organic Compounds in Aqueous Solution from Molecular Structure. 1998 , 38, 200-209		30
214	Solubility of Polycyclic Aromatic Hydrocarbons in Subcritical Water from 298 K to 498 K. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 1043-1047	2.8	148
213	Method for determining the solubilities of hydrophobic organics in subcritical water. 1998 , 70, 1618-21		149
212	References. 1998 ,		
211	Pyrene solubilization capacity in octaethylene glycol monododecyl ether (C12E8) micelles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 150, 55-68	5.1	16
210	Analyses of polycyclic aromatic hydrocarbon-degrading bacteria isolated from contaminated soils. 1999 , 10, 149-57		66
209	Effects of contaminated sediments on particle size selection by the polychaete <i>Capitella</i> sp. I. 1999 , 242, 41-57		9
208	Effects of a nonionic surfactant on biodegradation of phenanthrene and hexadecane in soil. 1999 , 18, 1927-1931		14
207	Organic Matter Facies and Equilibrium Sorption of Phenanthrene. 1999 , 33, 1637-1644		199
206	Cross-induction of pyrene and phenanthrene in a <i>Mycobacterium</i> sp. isolated from polycyclic aromatic hydrocarbon contaminated river sediments. 1999 , 45, 520-529		46
205	Direct determination of hydrophobic organic compounds in aqueous solution in the presence of dissolved organic carbon by high-performance liquid chromatography. <i>Chemosphere</i> , 1999 , 39, 2365-2374	8.4	3
204	Retention behavior of phenols, anilines, and alkylbenzenes in liquid chromatographic separations using subcritical water as the mobile phase. 1999 , 71, 3808-13		59
203	Removal of Solid Organic Films from Rotating Disks Using Emulsion Cleaners. 2000 , 228, 344-358		5

202	Toxicokinetics of polycyclic aromatic hydrocarbons in <i>Eisenia andrei</i> (Oligochaeta) using spiked soil. 2000 , 19, 953-961			76
201	Comparisons of soxhlet extraction, pressurized liquid extraction, supercritical fluid extraction and subcritical water extraction for environmental solids: recovery, selectivity and effects on sample matrix. 2000 , 892, 421-33			322
200	Chemical and photochemical degradation of acenaphthylene. Intermediate identification. 2000 , 75, 89-98			55
199	Phosphorimetric determination of polynuclear aromatic hydrocarbons in gasoline. 2000 , 55, 795-798			2
198	Study of several aspects of a general method for the determination of polycyclic aromatic hydrocarbons in liquid smoke flavourings by gas chromatography-mass spectrometry. 2000 , 17, 27-44			14
197	Quantification of Compositional Changes of Petroleum Hydrocarbons by GC/FID and GC/MS during a Long-Term Bioremediation Experiment. 2000 , 9, 549-577			10
196	Thermodynamic functions of hydration of hydrocarbons at 298.15 K and 0.1 MPa. 2000 , 64, 439-468			119
195	Airborne Polycyclic Aromatic Hydrocarbons and Their Derivatives: Atmospheric Chemistry and Toxicological Implications. 2000 , 436-546			11
194	Molecular analysis of surfactant-driven microbial population shifts in hydrocarbon-contaminated soil. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 2959-64	4.8		81
193	Solubility and Infinite Dilution Activity Coefficient for 5-Chlorovanillin and 4-Chloroguaiacol in Water over the Temperature Range 280 to 363 K. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 404-408	2.8		9
192	Correlating Selective Supercritical Fluid Extraction with Bioremediation Behavior of PAHs in a Field Treatment Plot. 2000 , 34, 4103-4110			99
191	Fenton Oxidation of Polycyclic Aromatic Hydrocarbons After Surfactant-Enhanced Soil Washing. 2000 , 17, 233-244			29
190	A distributed reactivity model for sorption by soils and sediments. 14. Characterization and modeling of phenanthrene desorption rates. 2001 , 35, 1688-95			101
189	Rapid prediction of long-term rates of contaminant desorption from soils and sediments. 2001 , 35, 427-33			44
188	An analytical quantification of mass fluxes and natural attenuation rate constants at a former gasworks site. 2001 , 53, 429-53			92
187	Impact of Clay Minerals and DOM on the Competitive Sorption/Desorption of PAHs. 2002 , 11, 269-291			29
186	High-pressure, high-temperature solvent extraction. 2002 , 233-279			1
185	Evidence for nonlinear binding of PAHs to dissolved humic acids. 2002 , 36, 955-61			79

184	Synthesis of poly(alkyl aryl ether) dendrimers. 2002 , 67, 6282-5		29
183	Environmental carcinogenic polycyclic aromatic hydrocarbons: photochemistry and phototoxicity. 2002 , 20, 149-83		265
182	Soil ecotoxicity of polycyclic aromatic hydrocarbons in relation to soil sorption, lipophilicity, and water solubility. 2002 , 36, 2429-35		202
181	Biodegradability of aged pyrene and phenanthrene in a natural soil. <i>Chemosphere</i> , 2002 , 47, 891-9	8.4	96
180	Determination of the temperature dependence of water solubilities of polycyclic aromatic hydrocarbons by a generator column-on-line solid-phase extraction-liquid chromatographic method. <i>Chemosphere</i> , 2002 , 47, 933-45	8.4	33
179	The impact of contact time on pyrene sorptive behavior by a sandy-loam soil. 2002 , 117, 371-8		18
178	Immobilizing humic acid in a sol-gel matrix: a new tool to study humic-contaminants sorption interactions. 2002 , 36, 1054-60		19
177	Effect of Organic Solvents and Biologically Relevant Ions on the Light-Induced DNA Cleavage by Pyrene and Its Amino and Hydroxy Derivatives. 2002 , 3, 937-947		13
176	Genotoxicity is unrelated to total concentration of priority carcinogenic polycyclic aromatic hydrocarbons in soils undergoing biological treatment. 2002 , 31, 150-4		11
175	Humic acid enhanced remediation of an emplaced diesel source in groundwater. 1. Laboratory-based pilot scale test. 2002 , 54, 249-76		42
174	Time scales of organic contaminant dissolution from complex source zones: coal tar pools vs. blobs. 2002 , 59, 45-66		118
173	Ultrasonication of aqueous and micellar suspensions of anthracene fixed on silica. 2002 , 9, 45-52		8
172	Prediction of infinite dilution activity coefficients for systems including water based on the group contribution model with mixture-type groups. 2002 , 198, 15-27		8
171	Hot water extraction with in situ wet oxidation: PAHs removal from soil. 2002 , 93, 307-20		43
170	New modeling paradigms for the sorption of hydrophobic organic chemicals to heterogeneous carbonaceous matter in soils, sediments, and rocks. 2002 , 25, 985-1016		308
169	Functional Dendrimeric Nanosponges for the Removal of Polycyclic Aromatic Hydrocarbons from Water. 2003 , 15, 2844-2847		74
168	Factors affecting microporous membrane liquid-liquid extraction. 2003 , 26, 893-902		8
167	A QSPR study of infinite dilution activity coefficients of organic compounds in aqueous solutions. 2003 , 205, 303-316		19

166	Temperature dependence of aqueous solubility of anthracenes: accurate determination by a new generator column apparatus. 2003 , 214, 151-167	34
165	Remediation of Matrices Contaminated by Polycyclic Aromatic Hydrocarbons: Use of Fenton's Reagent. 2003 , 23, 353-376	15
164	Evidence for very tight sequestration of BTEX compounds in manufactured gas plant soils based on selective supercritical fluid extraction and soil/water partitioning. 2003 , 37, 3587-94	29
163	Design for on-line coupling of supercritical fluid extraction with liquid chromatography: quantitative analysis of polynuclear aromatic hydrocarbons in a solid matrix. 2003 , 75, 3979-85	26
162	1-Methyl Naphthalene Reorientation at the Air-Liquid Interface upon Water Saturation Studied by Vibrational Broad Bandwidth Sum Frequency Generation Spectroscopy. 2003 , 107, 10823-8	13
161	Quantitative analysis of polycyclic aromatic hydrocarbons in water in the low-nanogram per liter range with two-step laser mass spectrometry. 2003 , 75, 4508-13	16
160	Role of lipophilic medium in the absorption of polycyclic aromatic compounds by biomembranes. 2003 , 14, 25-32	19
159	Anaerobic biodegradation of toluene coupled to sulfate reduction in oil-contaminated soils: optimum environmental conditions for field applications. 2003 , 38, 1087-97	9
158	Polyethylene glycol-polyamidoamine dendritic micelle as solubility enhancer and the effect of the length of polyethylene glycol arms on the solubility of pyrene in water. 2004 , 273, 148-54	152
157	Estimation of infinite dilution activity coefficients of organic compounds in water with neural classifiers. 2004 , 50, 1315-1343	20
156	Screening and confirmation of PAHs in vegetable oil samples by use of supercritical fluid extraction in conjunction with liquid chromatography and fluorimetric detection. 2004 , 525, 265-271	30
155	Photomutagenicity of 16 polycyclic aromatic hydrocarbons from the US EPA priority pollutant list. 2004 , 557, 99-108	230
154	Evidence for Highly Selective Supramolecular Formation between Perylene/ECD and Pyrene/ECD Complexes in Water. 2004 , 108, 2846-2850	27
153	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures. 2005 , 37, 365-372	58
152	Alkylated hyperbranched polymers as molecular nanosponges for the purification of water from polycyclic aromatic hydrocarbons. 2005 , 97, 2299-2305	46
151	Solubility of Acenaphthene, Anthracene, and Pyrene in Water At 50 °C to 300 °C. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1177-1183	2.8 40
150	Solubility of hydrophobic organic pollutants in binary and multicomponent aqueous solvents. 2005 , 39, 1623-31	13
149	Improved prediction of octanol-water partition coefficients from liquid-solute water solubilities and molar volumes. 2005 , 39, 8840-6	45

148	Organosilicon Dendritic Networks in Porous Ceramics for Water Purification. 2005 , 17, 3439-3444		57
147	Solid-phase microextraction measurement of parent and alkyl polycyclic aromatic hydrocarbons in milliliter sediment pore water samples and determination of K(DOC) values. 2005 , 39, 2795-803		112
146	Limited microbial degradation of pyrene metabolites from the estuarine polychaete <i>Nereis diversicolor</i> . <i>Chemosphere</i> , 2005 , 61, 1281-7	8.4	10
145	Sorption of aromatic organic pollutants to grasses from water. 2005 , 39, 8369-73		41
144	Dioxygenase-catalysed dihydroxylation of arene cis-dihydrodiols and acetonide derivatives: a new approach to the synthesis of enantiopure tetraoxygenated bioproducts from arenes. 2006 , 4934-6		20
143	Perfluorinated contaminants in sediments and aquatic organisms collected from shallow water and tidal flat areas of the Ariake Sea, Japan: environmental fate of perfluorooctane sulfonate in aquatic ecosystems. 2006 , 40, 4916-21		214
142	Solubility of Solid Polycyclic Aromatic Hydrocarbons in Pressurized Hot Water: Correlation with Pure Component Properties. 2006 , 45, 4454-4460		37
141	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone. <i>Chemosphere</i> , 2006 , 64, 408-14	8.4	139
140	Assessment of the bioaccessibility of polycyclic aromatic hydrocarbons in soils from Beijing using an in vitro test. 2006 , 140, 279-85		87
139	Release of Polycyclic Aromatic Hydrocarbons, Dissolved Organic Carbon, and Suspended Matter from Disturbed NAPL-Contaminated Gravelly Soil Material. 2006 , 5, 469-479		39
138	In silico prediction of aqueous solubility. 2006 , 1, 31-52		96
137	Solubilization, solution equilibria, and biodegradation of PAH's under thermophilic conditions. <i>Chemosphere</i> , 2007 , 66, 1094-106	8.4	51
136	Operation of a two-phase partitioning bioreactor for the oxidation of anthracene by the enzyme manganese peroxidase. <i>Chemosphere</i> , 2007 , 66, 1744-51	8.4	27
135	Single Event Driven Export of Polycyclic Aromatic Hydrocarbons and Suspended Matter from Coal Tar Contaminated Soil. 2007 , 6, 233-243		35
134	Application of L3 sponge phase in extraction of polycyclic aromatic hydrocarbons. 2007 , 53, 1450-1459		8
133	Determination of poly(dimethyl)siloxane-water partition coefficients for selected hydrophobic organic chemicals using ¹⁴ C-labeled analogs. 2007 , 1148, 23-30		19
132	PAH release from tar-oil contaminated soil material in response to forced environmental gradients: implications for contaminant transport. 2007 , 59, 071029081953002-???		2
131	Cloud-point extraction of selected polycyclic aromatic hydrocarbons by nonionic surfactants. 2007 , 57, 1-10		53

130	Estimation of Water Solubility of Polycyclic Aromatic Hydrocarbons Using Quantum Chemical Descriptors and Partial Least Squares. 2008 , 27, 618-626		28
129	Cyclodextrin nanocavity caging effect on electronic dephasing. 2008 , 9, 241-4		5
128	Double hydrophilic block copolymers PEO-b-PGA: synthesis, application as potential drug carrier and drug release via pH-sensitive linkage. 2008 , 86, 428-38		34
127	Evaluation of leaching and extraction procedures for soil and waste. 2008 , 28, 1027-38		68
126	Field scale characterization and modeling of contaminant release from a coal tar source zone. 2008 , 102, 120-39		24
125	Potential role of polycyclic aromatic hydrocarbons (PAHs) oxidation by fungal laccase in the remediation of an aged contaminated soil. 2008 , 40, 789-796		93
124	Predictive molecular thermodynamic models for liquid solvents, solid salts, polymers, and ionic liquids. 2008 , 108, 1419-55		122
123	Solubilities of Triptycene, 9-Phenylanthracene, 9,10-Dimethylanthracene, and 2-Methylanthracene in Pressurized Hot Water at Temperatures from 313 K to the Melting Point. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 160-164	2.8	13
122	Interfacial approach to polyaromatic hydrocarbon toxicity: phosphoglyceride and cholesterol monolayer response to phenantrene, anthracene, pyrene, chrysene, and benzo[a]pyrene. 2008 , 112, 13518-31		22
121	Waste Characterization by Leaching and Extraction Procedures. 2008 ,		2
120	Analysis of polycyclic aromatic hydrocarbons in atmospheric particulate samples by microwave-assisted extraction and liquid chromatography. 2009 , 32, 501-10		46
119	The effect of an amino-acid bridge on binding affinity and cleavage efficiency of pyrenyl-macrocyclic polyamine conjugates toward DNA. 2009 , 6, 1273-82		3
118	Aqueous solubility calculation for petroleum mixtures in soil using comprehensive two-dimensional gas chromatography analysis data. 2009 , 1216, 2873-80		11
117	Thermodynamic Modeling of the Aqueous Solubility of PAHs. 2009 , 48, 5530-5536		18
116	Difference in PAH release processes from tar-oil contaminated soil materials with similar contamination history. 2009 , 69, 109-124		24
115	Quantitative correlation of physical and chemical properties with chemical structure: utility for prediction. 2010 , 110, 5714-89		372
114	Complexation and extraction of PAHs to the aqueous phase with a dinuclear Pt(II) diazapyrenium-based metallacycle. 2010 , 16, 12373-80		59
113	Temperature and sodium chloride effects on the solubility of anthracene in water. 2010 , 42, 1386-1392		12

112	Study of mass transfer and biocatalyst stability for the enzymatic degradation of anthracene in a two-phase partitioning bioreactor. 2010 , 51, 79-85		21
111	Behaviour of pyrene and its decomposition by-products in chlorination. 2010 , 59, 41-52		3
110	Effect of Coexisting Lead and Phenanthrene on Their Individual Sorption on a Clayish Soil. 2010 , 19, 322-337		12
109	Benzo[a]pyrene effects on glycine N-methyltransferase mRNA expression and enzyme activity in <i>Fundulus heteroclitus</i> embryos. 2010 , 98, 130-8		20
108	Prediction of environmental parameters of polycyclic aromatic hydrocarbons with COSMO-RS. <i>Chemosphere</i> , 2010 , 79, 821-9	8.4	19
107	Enhancement of phenanthrene adsorption on a clayey soil and clay minerals by coexisting lead or cadmium. <i>Chemosphere</i> , 2011 , 83, 302-10	8.4	53
106	The Relationship between Free and Bound Hydrophobic Organic Pollutants and Dissolved Organic Matter in Drinking Water. 2011 , 61-77		
105	Phototoxicity and environmental transformation of polycyclic aromatic hydrocarbons (PAHs)-light-induced reactive oxygen species, lipid peroxidation, and DNA damage. 2012 , 30, 1-41		139
104	Toxicity of benz(a)anthracene and fluoranthene to marine phytoplankton in culture: does cell size really matter?. 2012 , 243, 204-11		45
103	Understanding dendritic polymer-hydrocarbon interactions for oil dispersion. 2012 , 2, 9371		15
102	Organo/LDH nanocomposite as an adsorbent of polycyclic aromatic hydrocarbons in water and soil-water systems. 2012 , 225-226, 74-80		54
101	pH-Responsive Double-Hydrophilic Block Copolymers: Synthesis and Drug Delivery Application. 2012 , 213, 2192-2200		11
100	Fast genomic biomarker responses of retene and pyrene in liver of juvenile rainbow trout, <i>Oncorhynchus mykiss</i> . 2012 , 89, 733-8		4
99	Indirect Determination of Vapor Pressures by Capillary Gas-Liquid Chromatography: Analysis of the Reference Vapor-Pressure Data and Their Treatment. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1349-1368	2.8	24
98	Variability of standard artificial soils: Physico-chemical properties and phenanthrene desorption measured by means of supercritical fluid extraction. 2012 , 163, 1-7		17
97	The Spatial Heterogeneity of Polycyclic Aromatic Hydrocarbons in Soil Depends on Their Physico-chemical Properties. 2012 , 223, 969-977		12
96	Kinetic control of contaminant release from NAPLs--experimental evidence. 2013 , 179, 315-25		16
95	Benzo[a]pyrene decreases global and gene specific DNA methylation during zebrafish development. 2013 , 36, 40-50		84

94	Phototoxicity of herbal plants and herbal products. 2013 , 31, 213-55		21
93	Estimation and application of the thermodynamic properties of aqueous phenanthrene and isomers of methylphenanthrene at high temperature. 2013 , 122, 247-266		10
92	Toxicity cutoff of aromatic hydrocarbons for luminescence inhibition of <i>Vibrio fischeri</i> . 2013 , 94, 116-22		27
91	In-situ electrochemical method for detecting freely dissolved polycyclic aromatic hydrocarbons in water. 2014 , 11, 173		10
90	Identification of compounds in heavy fuel oil that are chronically toxic to rainbow trout embryos by effects-driven chemical fractionation. 2014 , 33, 825-35		54
89	Backbone-modified amphiphilic cyclic di- and tetrasaccharides. 2014 , 50, 8554-7		10
88	Tracing biogeochemical and microbial variability over a complete oil sand mining and recultivation process. <i>Science of the Total Environment</i> , 2014 , 499, 297-310	10.2	10
87	Prediction of ecotoxicity of heavy crude oil: contribution of measured components. 2014 , 48, 2962-70		34
86	Multimedia environmental distribution of engineered nanomaterials. 2014 , 48, 3281-92		171
85	Benzo[a]pyrene effects on reproductive endpoints in <i>Fundulus heteroclitus</i> . 2014 , 140, 73-82		35
84	Solubilization of polycyclic aromatic hydrocarbons in C16E7 nonionic surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 441, 133-139	5.1	20
83	Aqueous solubility (in the range between 298.15 and 338.15 K), vapor pressures (in the range between 10(-5) and 80 Pa) and Henry's law constant of 1,2,3,4-dibenzanthracene and 1,2,5,6-dibenzanthracene. <i>Chemosphere</i> , 2014 , 95, 41-9	8.4	12
82	Prediction of solid polycyclic aromatic hydrocarbons solubility in water, with the NRTL-PR model. 2014 , 362, 87-95		5
81	A combined chemical and biological approach to transforming and mineralizing PAHs in runoff water. <i>Chemosphere</i> , 2014 , 117, 1-9	8.4	31
80	Modeling the changes in the concentration of aromatic hydrocarbons from an oil-coated gravel column. 2015 , 50, 763-773		4
79	Synthesis, Characterization, and Applications of Poly(ethylene glycol)-block-poly(ether-sulfide) Dendrimers. 2015 , 52, 30-38		1
78	Evolution of dissolved organic matter during abiotic oxidation of coal tar--comparison with contaminated soils under natural attenuation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1431-43	5.1	12
77	Polycyclic aromatic hydrocarbons in deep sea sediments: Microbe-pollutant interactions in a remote environment. <i>Science of the Total Environment</i> , 2015 , 526, 312-28	10.2	64

76	Solubilization of organic compounds by arginine-derived polymers. 2015 , 26, 636-640		5
75	Removing PAHs from urban runoff water by combining ozonation and carbon nano-onions. <i>Chemosphere</i> , 2015 , 141, 265-73	8.4	27
74	Quantitative structure-activity relationships for chronic toxicity of alkyl-chrysenes and alkyl-benz[a]anthracenes to Japanese medaka embryos (<i>Oryzias latipes</i>). 2015 , 159, 109-18		47
73	Vertical fluxes of polycyclic aromatic hydrocarbons in the northern Gulf of Mexico. 2015 , 168, 60-68		50
72	Identification of a putatively multixenobiotic resistance related Abcb1 transporter in amphipod species endemic to the highly pristine Lake Baikal. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5453-68	5.1	4
71	Photo-enhanced toxicity of fluoranthene to Gulf of Mexico marine organisms at different larval ages and ultraviolet light intensities. 2016 , 35, 1113-22		21
70	Physico-chemical properties and toxicity of alkylated polycyclic aromatic hydrocarbons. 2016 , 312, 200-207		28
69	Dry and wet deposition of polycyclic aromatic hydrocarbons and comparison with typical media in urban system of Shanghai, China. 2016 , 144, 175-181		31
68	Impact of formulation and operating parameters on particle size and grinding media wear in wet media milling of organic compounds [A case study for pyrene. 2016 , 27, 2507-2519		23
67	Translocation of fluoranthene in porous media by advancing and receding air/water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 492, 62-70	5.1	2
66	Impact of stressing conditions and polymer/surfactant interactions on product characteristics of organic nanoparticles produced by media milling. <i>Powder Technology</i> , 2016 , 294, 71-79	5.2	15
65	A dendrimer facilitates resonance energy transfer between hydrophobic aromatic guest molecules in water. 2016 , 317, 125-131		1
64	Detection of exposure effects of mixtures of heavy polycyclic aromatic hydrocarbons in zebrafish embryos. 2017 , 37, 253-264		13
63	Solubilization potentials of single and mixed oppositely charged gemini surfactants: A case of polycyclic aromatic hydrocarbons. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 514, 47-55	5.1	19
62	Fungal Unspecific Peroxygenases Oxidize the Majority of Organic EPA Priority Pollutants. <i>Frontiers in Microbiology</i> , 2017 , 8, 1463	5.7	38
61	Model based process optimization of nanosuspension preparation via wet stirred media milling. <i>Powder Technology</i> , 2018 , 331, 146-154	5.2	14
60	Solubilization ability of N,N-dimethyl-N-alkyladamantylammonium bromide. <i>Journal of Molecular Liquids</i> , 2018 , 260, 131-137	6	5
59	Distribution of coal and coal combustion related organic pollutants in the environment of the Upper Silesian Industrial Region. <i>Science of the Total Environment</i> , 2018 , 628-629, 1462-1488	10.2	32

58	Is <i>Caenorhabditis elegans</i> representative of freshwater nematode species in toxicity testing?. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 2879-2888	5.1	16
57	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
56	Polycyclic and organochlorine hydrocarbons in sediments of the northern South China Sea. <i>Marine Pollution Bulletin</i> , 2018 , 137, 668-676	6.7	9
55	In Situ Nanoscale Investigation of Step Retreat on Fluoranthene Crystal Surfaces. <i>ACS Earth and Space Chemistry</i> , 2018 , 2, 1301-1311	3.2	1
54	Probing the Microenvironments in a Polymer-Wrapped Core-Shell Nanoassembly Using Pyrene Chromophores. <i>ACS Omega</i> , 2018 , 3, 7673-7680	3.9	7
53	Solubilization ability of star-shaped trimeric quaternary ammonium bromide surfactant. <i>Journal of Molecular Liquids</i> , 2019 , 291, 111254	6	4
52	Gintonin, a ginseng-derived ingredient, as a novel therapeutic strategy for Huntington's disease: Activation of the Nrf2 pathway through lysophosphatidic acid receptors. <i>IBRO Reports</i> , 2019 , 6, S101	2	
51	The evolution of polycyclic aromatic hydrocarbons under simulated inner asteroid conditions. <i>Meteoritics and Planetary Science</i> , 2019 , 54, 1930-1950	2.8	3
50	The evolution of a new class of CO2 absorbents: Aromatic amines. <i>International Journal of Greenhouse Gas Control</i> , 2019 , 83, 11-19	4.2	6
49	Effective solid phase extraction using centrifugation combined with a vacuum-based method for ambient gaseous PAHs. <i>New Journal of Chemistry</i> , 2019 , 43, 18726-18740	3.6	5
48	Emulsification, solubilization, and detergency behaviors of homogeneous polyoxypropylene-polyoxyethylene alkyl ether type nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 564, 51-58	5.1	12
47	Physicochemical properties of skim milk powder dispersions after acidification to pH 2.4-3.0 and heating. <i>Food Hydrocolloids</i> , 2020 , 100, 105435	10.6	2
46	Categorization of nearshore sampling data using oil slick trajectory predictions. <i>Marine Pollution Bulletin</i> , 2020 , 150, 110577	6.7	3
45	Alternative sorption filter materials effectively remove non-particulate organic pollutants from stormwater. <i>Science of the Total Environment</i> , 2020 , 730, 139059	10.2	5
44	Water-soluble inhibitors of ABCG2 (BCRP) - A fragment-based and computational approach. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 112958	6.8	8
43	PAH and PCB body-burdens in epibenthic deep-sea invertebrates from the northern Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111825	6.7	5
42	Solubilization of fullerene in polyoxyethylene tetradecyl ether type nonionic surfactants. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116236	6	2
41	Reversible CO2/N2-tuning Krafft temperature of sodium alkyl sulphonates and a proof-of-concept usage in surfactant-enhanced soil washing. <i>Chemical Engineering Journal</i> , 2021 , 417, 129316	14.7	1

40	Estimation of the aqueous solubility of some aromatic compounds. 1983 , 43-55		45
39	Fate of Radiolabeled Polycyclic Aromatic Hydrocarbons and Pentachlorophenol in Enclosed Marine Ecosystems. 1982 , 123-135		5
38	Transport and transformations of organic chemicals in the soil-air-water ecosystem. <i>Reviews of Environmental Contamination and Toxicology</i> , 1987 , 119-164	3.5	27
37	Micellar Structure and Water Penetration Studied by NMR and Optical Spectroscopy. 1984 , 565-584		20
36	Spilled Oil Composition and the Natural Carbon Cycle: The True Drivers of Environmental Fate and Effects of Oil Spills. 2020 , 33-56		2
35	Transport and Transformation of Chemicals: A Perspective. <i>Handbook of Environmental Chemistry</i> , 1980 , 1-17	0.8	4
34	Fossil Fuel Aromatic Hydrocarbon Biogeochemistry in the Marine Environment: Research Challenges. 1986 , 113-142		3
33	Organic Chemical Pollutants in the Oceans and Groundwater: A Review of Fundamental Chemical Properties and Biogeochemistry. 1986 , 361-425		16
32	Relationships Between Physical-Chemical and Environmental Partitioning Coefficients. 1984 , 261-278		2
31	Aqueous Solubility of Coal-Tar Constituents under Equilibrium Conditions. <i>Soil & Environment</i> , 1993 , 549-555		3
30	Multivariate Analysis of the Input and Output Data in the Fugacity Model Level I. <i>Euro Courses Chemical and Environmental Science</i> , 1991 , 281-345		4
29	Partition Coefficient and Water Solubility in Environmental Chemistry. 1981 , 117-153		15
28	Physical and Chemical Properties. 1981 , 1-16		3
27	Occurrence. 1981 , 17-49		3
26	Mechanism and rate of permeation of cells by polycyclic aromatic hydrocarbons.. <i>Journal of Biological Chemistry</i> , 1987 , 262, 2514-2519	5.4	19
25	Microbial metabolism of polycyclic aromatic hydrocarbons: isolation and characterization of a pyrene-degrading bacterium. <i>Applied and Environmental Microbiology</i> , 1988 , 54, 2549-55	4.8	218
24	Action of a fluoranthene-utilizing bacterial community on polycyclic aromatic hydrocarbon components of creosote. <i>Applied and Environmental Microbiology</i> , 1989 , 55, 3085-90	4.8	104
23	Influence of surfactants on pyrene desorption and degradation in soils. <i>Applied and Environmental Microbiology</i> , 1996 , 62, 283-7	4.8	58

22	Metabolism of Naphthalene, 1-Naphthol, Indene, and Indole by <i>Rhodococcus</i> sp. Strain NCIMB 12038. <i>Applied and Environmental Microbiology</i> , 1997 , 63, 151-5	4.8	68
21	Contrasting effects of a nonionic surfactant on the biotransformation of polycyclic aromatic hydrocarbons to cis-dihydrodiols by soil bacteria. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 1335-9	4.8	54
20	Soil and Sediment Sorption Coefficients. 2000 ,		3
19	Introduction. 2006 , 1-59		1
18	TOC-Pesticide Profiles. 1997 ,		1
17	CAS Registry Number Index. 2000 ,		
16	References and Bibliography. 2001 ,		
15	Polychlorinated Biphenyls (PCBs). 2006 , 1479-2062		
14	Polynuclear Aromatic Hydrocarbons (PAHs) and Related Aromatic Hydrocarbons. 2006 , 617-919		
13	References. 2007 , 1577-1701		
12	References. 2010 , 1367-1440		
11	References. 2010 , 1367-1440		
10	Polycyclic Aromatic Hydrocarbons in Industrial Organic Sludge from Wastewater Treatment Facilities in Korea. <i>Daehan Hwanryeong Gonghag Hoeji</i> , 2012 , 34, 574-582	0.6	
9	Thermodynamics of Aqueous Dilute Solutions of Non-Charged Molecules. 1981 , 13-40		
8	Mediation of Toxicological Properties of Chemicals by Particulate Matter. 1984 , 141-180		
7	WATER SOLUBLE SUBSTANCES FROM HEAVY OILS AND TAR SANDS BITUMENS - AN OVERVIEW. 1987 , 3-9		1
6	Role of Polycyclic Aromatic Hydrocarbons as EDCs in Metabolic Disorders. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2021 , 323-341	0.5	1
5	Polyarenes Distribution in the Soil-Plant System of Reindeer Pastures in the Polar Urals. <i>Agronomy</i> , 2022 , 12, 372	3.6	0

- 4 Legacy and emerging persistent organic pollutants in the marginal seas of China: Occurrence and phase partitioning.. *Science of the Total Environment*, **2022**, 154274 10.2 ○
- 3 Estimating Vapor Pressure Data from Gas/Liquid Chromatography Retention Times: Analysis of Multiple Reference Approaches, Review of Prior Applications, and Outlook. *Journal of Chemical & Engineering Data*, 2.8 ○
- 2 Impact of organic solutes on capillary phenomena in water-CO₂-quartz systems. **2022**,
- 1 Polycyclic aromatic hydrocarbons in carbonaceous chondrites can be used as tracers of both pre-accretion and secondary processes. **2022**, 335, 243-255 ○