

# Philipp Mayer

## List of Publications by Year in descending order

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167  
papers

8,310  
citations

44444

50  
h-index

62345

84  
g-index

171  
all docs

171  
docs citations

171  
times ranked

6410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking biodegradation kinetics, microbial composition and test temperature – Testing 40 petroleum hydrocarbons using inocula collected in winter and summer. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 152-160.	1.7	5
2	In-Tube Passive Dosing of Hydrophobic Organic Chemicals: Controlling Freely Dissolved Concentrations in Flow-Through and Large-Volume Experiments. <i>Environmental Science and Technology Letters</i> , 2022, 9, 339-344.	3.9	1
3	Biodegradation Kinetics of Fragrances, Plasticizers, UV Filters, and PAHs in a Mixture – Changing Test Concentrations over 5 Orders of Magnitude. <i>Environmental Science &amp; Technology</i> , 2022, 56, 293-301.	4.6	10
4	Fate-directed risk assessment of chemical mixtures: a case study for cedarwood essential oil. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1133-1143.	1.7	0
5	Separating toxicity and shading in algal growth inhibition tests of nanomaterials and colored substances. <i>Nanotoxicology</i> , 2022, 16, 265-275.	1.6	3
6	Assessing toxicity of hydrophobic aliphatic and monoaromatic hydrocarbons at the solubility limit using novel dosing methods. <i>Chemosphere</i> , 2021, 265, 129174.	4.2	6
7	Passive Dosing of Petroleum and Essential Oil UVCBs – Whole Mixture Toxicity Testing at Controlled Exposure. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6150-6159.	4.6	10
8	Assessing the aquatic toxicity and environmental safety of tracer compounds Rhodamine B and Rhodamine WT. <i>Water Research</i> , 2021, 197, 117109.	5.3	82
9	Combining Headspace Solid-Phase Microextraction with Internal Benchmarking to Determine the Elimination Kinetics of Hydrophobic UVCBs. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11125-11132.	4.6	4
10	Determining the Temperature Dependency of Biodegradation Kinetics for 34 Hydrocarbons while Avoiding Chemical and Microbial Confounding Factors. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11091-11101.	4.6	8
11	Biodegradation of an essential oil UVCB - Whole substance testing and constituent specific analytics yield biodegradation kinetics of mixture constituents. <i>Chemosphere</i> , 2021, 278, 130409.	4.2	5
12	Sublethal Effect Concentrations for Nonpolar Narcosis in the Zebrafish Embryo. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2802-2812.	2.2	4
13	Inter-laboratory comparison of water solubility methods applied to difficult-to-test substances. <i>BMC Chemistry</i> , 2021, 15, 52.	1.6	3
14	Atmospheric carbonation reduces bioaccessibility of PAHs in industrially contaminated soil. <i>Journal of Hazardous Materials</i> , 2020, 383, 121092.	6.5	15
15	Biodegradation testing of volatile hydrophobic chemicals in water-sediment systems – Experimental developments and challenges. <i>Chemosphere</i> , 2020, 238, 124516.	4.2	9
16	Membrane Enhanced Bioaccessibility Extraction (MEBE) of hydrophobic soil pollutants – Using a semipermeable membrane for separating desorption medium and acceptor solvent. <i>Environmental Pollution</i> , 2020, 257, 113470.	3.7	3
17	Effects of $\beta$ -pinene on life history traits and stress tolerance in the springtail <i>Folsomia candida</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 229, 108681.	1.3	5
18	Expression and localization of the aryl hydrocarbon receptors and cytochrome P450 1A during early development of Atlantic cod ( <i>Gadus morhua</i> ). <i>Aquatic Toxicology</i> , 2020, 226, 105558.	1.9	11

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19	Biodegradation kinetics testing of two hydrophobic UVCBs – potential for substrate toxicity supports testing at low concentrations. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2172-2180.	1.7	10
20	Improving the Environmental Risk Assessment of Substances of Unknown or Variable Composition, Complex Reaction Products, or Biological Materials. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2097-2108.	2.2	32
21	Accelerated Passive Dosing of Hydrophobic Complex Mixtures – Controlling the Level and Composition in Aquatic Tests. <i>Environmental Science &amp; Technology</i> , 2020, 54, 4974-4983.	4.6	23
22	Toxicity of dodecylbenzene to algae, crustacean, and fish – Passive dosing of highly hydrophobic liquids at the solubility limit. <i>Chemosphere</i> , 2020, 251, 126396.	4.2	7
23	Surface-Related Toxicity of Polystyrene Beads to Nematodes and the Role of Food Availability. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1790-1798.	4.6	94
24	Baseline Toxicity and Volatility Cutoff in Reporter Gene Assays Used for High-Throughput Screening. <i>Chemical Research in Toxicology</i> , 2019, 32, 1646-1655.	1.7	62
25	Bioaccumulation in Functionally Different Species: Ongoing Input of PCBs with Sediment Deposition to Activated Carbon Remediated Bed Sediments. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2326-2336.	2.2	14
26	Determining the water solubility of difficult-to-test substances: A tutorial review. <i>Analytica Chimica Acta</i> , 2019, 1086, 16-28.	2.6	25
27	Headspace Passive Dosing of Volatile Hydrophobic Organic Chemicals from a Lipid Donor – Linking Their Toxicity to Well-Defined Exposure for an Improved Risk Assessment. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13468-13476.	4.6	15
28	Soil bacteria and protists show different sensitivity to polycyclic aromatic hydrocarbons at controlled chemical activity. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	12
29	Time-Resolved Freely Dissolved Concentrations of Semivolatile and Hydrophobic Test Chemicals in In Vitro Assays – Measuring High Losses and Crossover by Headspace Solid-Phase Microextraction. <i>Chemical Research in Toxicology</i> , 2019, 32, 1780-1790.	1.7	13
30	Accelerated equilibrium sampling of hydrophobic organic chemicals in solid matrices: A proof of concept on how to reach equilibrium for PCBs within 1 day. <i>Chemosphere</i> , 2019, 237, 124537.	4.2	11
31	When Fluorescence Is not a Particle: The Tissue Translocation of Microplastics in <i>Daphnia magna</i> Seems an Artifact. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1495-1503.	2.2	126
32	Mixture Effects on Biodegradation Kinetics of Hydrocarbons in Surface Water: Increasing Concentrations Inhibited Degradation whereas Multiple Substrates Did Not. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3087-3094.	4.6	35
33	Biodegradation of Volatile Chemicals in Soil: Separating Volatilization and Degradation in an Improved Test Setup (OECD 307). <i>Environmental Science &amp; Technology</i> , 2019, 53, 20-28.	4.6	8
34	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.	4.2	12
35	Determining Biodegradation Kinetics of Hydrocarbons at Low Concentrations: Covering 5 and 9 Orders of Magnitude of $K_{ow}$ and $K_{aw}$ . <i>Environmental Science &amp; Technology</i> , 2018, 52, 2143-2151.	4.6	35
36	Meta-analysis of fish early life stage tests – Association of toxic ratios and acute to chronic ratios with modes of action. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 955-969.	2.2	17

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37	Assessing PCB pollution in the Baltic Sea - An equilibrium partitioning based study. Chemosphere, 2018, 191, 886-894.	4.2	14
38	Thermodynamic assessment of (semi-)volatile hydrophobic organic chemicals in WWTP sludge â€“ combining solid phase microextraction with non-target GC/MS. Environmental Sciences: Processes and Impacts, 2018, 20, 1728-1735.	1.7	4
39	Genotoxicity of three biofuel candidates compared to reference fuels. Environmental Toxicology and Pharmacology, 2018, 64, 131-138.	2.0	10
40	Equilibrium sampling reveals increasing thermodynamic potential of polycyclic aromatic hydrocarbons during sewage sludge digestion. Chemosphere, 2018, 207, 421-429.	4.2	4
41	Linking algal growth inhibition to chemical activity: Excess toxicity below 0.1% of saturation. Chemosphere, 2018, 208, 880-886.	4.2	10
42	Headspace passive dosing of volatile hydrophobic chemicals â€“ Aquatic toxicity testing exactly at the saturation level. Chemosphere, 2018, 211, 694-700.	4.2	14
43	Comparison of freely dissolved concentrations of PAHs in contaminated pot soils under saturated and unsaturated water conditions. Science of the Total Environment, 2018, 644, 835-843.	3.9	12
44	A chemical activity approach to exposure and risk assessment of chemicals. Environmental Toxicology and Chemistry, 2018, 37, 1235-1251.	2.2	40
45	Comment on â€œAssessing Aromatic-Hydrocarbon Toxicity to Fish Early Life Stages Using Passive-Dosing Methods and Target-Lipid and Chemical-Activity Modelsâ€: Environmental Science & Technology, 2017, 51, 3584-3585.	4.6	4
46	Biodegradation testing of chemicals with high Henry's constants â€“ Separating mass and effective concentration reveals higher rate constants. Chemosphere, 2017, 174, 716-721.	4.2	26
47	Bioavailability and bioaccessibility of polycyclic aromatic hydrocarbons from (post-pyrolytically) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	4.2	49
48	Microplastics as vectors for environmental contaminants: Exploring sorption, desorption, and transfer to biota. Integrated Environmental Assessment and Management, 2017, 13, 488-493.	1.6	443
49	Biodegradation of hydrocarbon mixtures in surface waters at environmentally relevant levels â€“ Effect of inoculum origin on kinetics and sequence of degradation. Chemosphere, 2017, 184, 400-407.	4.2	27
50	Enhanced Accessibility of Polycyclic Aromatic Hydrocarbons (PAHs) and Heterocyclic PAHs in Industrially Contaminated Soil after Passive Dosing of a Competitive Sorbate. Environmental Science & Technology, 2017, 51, 8017-8026.	4.6	35
51	Partitioning of hydrophobic organic contaminants between polymer and lipids for two silicones and low density polyethylene. Chemosphere, 2017, 186, 948-957.	4.2	36
52	Cross Validation of Two Partitioning-Based Sampling Approaches in Mesocosms Containing PCB Contaminated Field Sediment, Biota, and Activated Carbon Amendment. Environmental Science & Technology, 2017, 51, 9996-10004.	4.6	19
53	Determining lower threshold concentrations for synergistic effects. Aquatic Toxicology, 2017, 182, 79-90.	1.9	27
54	Aquatic toxicity testing of liquid hydrophobic chemicals â€“ Passive dosing exactly at the saturation limit. Chemosphere, 2017, 167, 551-558.	4.2	26

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55	Passive dosing of triclosan in multigeneration tests with copepods – stable exposure concentrations and effects at the low 1/4g/L range. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1254-1260.	2.2	19
56	Microscale In Vitro Assays for the Investigation of Neutral Red Retention and Ethoxyresorufin-O-Deethylase of Biofuels and Fossil Fuels. <i>PLoS ONE</i> , 2016, 11, e0163862.	1.1	14
57	Polymers as Reference Partitioning Phase: Polymer Calibration for an Analytically Operational Approach To Quantify Multimedia Phase Partitioning. <i>Analytical Chemistry</i> , 2016, 88, 5818-5826.	3.2	51
58	Including Bioconcentration Kinetics for the Prioritization and Interpretation of Regulatory Aquatic Toxicity Tests of Highly Hydrophobic Chemicals. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12004-12011.	4.6	16
59	Limited recovery of soil microbial activity after transient exposure to gasoline vapors. <i>Environmental Pollution</i> , 2016, 216, 826-835.	3.7	18
60	Utilizing the partitioning properties of silicone for the passive sampling of polychlorinated biphenyls (PCBs) in indoor air. <i>Chemosphere</i> , 2016, 160, 280-286.	4.2	15
61	Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment. <i>Environmental Science &amp; Technology</i> , 2016, 50, 3-17.	4.6	131
62	A passive dosing method to determine fugacity capacities and partitioning properties of leaves. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1325-1332.	1.7	8
63	Strategies for Transferring Mixtures of Organic Contaminants from Aquatic Environments into Bioassays. <i>Environmental Science &amp; Technology</i> , 2016, 50, 5424-5431.	4.6	44
64	How to Determine the Environmental Exposure of PAHs Originating from Biochar. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1941-1948.	4.6	57
65	Response to Comment on –Application of the Activity Framework for Assessing Aquatic Ecotoxicology Data for Organic Chemicals–. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4141-4142.	4.6	3
66	Fate of polychlorinated biphenyls in a contaminated lake ecosystem: Combining equilibrium passive sampling of sediment and water with total concentration measurements of biota. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2463-2474.	2.2	28
67	Polyacrylate –water partitioning of biocidal compounds: Enhancing the understanding of biocide partitioning between render and water. <i>Chemosphere</i> , 2015, 119, 1021-1026.	4.2	17
68	A high throughput passive dosing format for the Fish Embryo Acute Toxicity test. <i>Chemosphere</i> , 2015, 139, 9-17.	4.2	39
69	Equilibrium passive sampling as a tool to study polycyclic aromatic hydrocarbons in Baltic Sea sediment pore-water systems. <i>Marine Pollution Bulletin</i> , 2015, 101, 296-303.	2.3	46
70	Bioaccumulation in aquatic systems: methodological approaches, monitoring and assessment. <i>Environmental Sciences Europe</i> , 2015, 27, 5.	2.6	48
71	Differential immunomodulatory responses to nine polycyclic aromatic hydrocarbons applied by passive dosing. <i>Toxicology in Vitro</i> , 2015, 29, 345-351.	1.1	14
72	Transfer and effects of 1,2,3,5,7-pentachloronaphthalene in an experimental food chain. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 169, 46-54.	1.3	1

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73	Determining High-Quality Critical Body Residues for Multiple Species and Chemicals by Applying Improved Experimental Design and Data Interpretation Concepts. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1879-1887.	4.6	32
74	Differences between Lipids Extracted from Five Species Are Not Sufficient To Explain Biomagnification of Nonpolar Organic Chemicals. <i>Environmental Science and Technology Letters</i> , 2015, 2, 193-197.	3.9	9
75	Application of the Activity Framework for Assessing Aquatic Ecotoxicology Data for Organic Chemicals. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12289-12296.	4.6	26
76	Endocrine activity of persistent organic pollutants accumulated in human silicone implants â€” Dosing assays by partitioning from silicone. <i>Environment International</i> , 2015, 84, 107-114.	4.8	16
77	Equilibrium sampling of polychlorinated biphenyls in River Elbe sediments â€” Linking bioaccumulation in fish to sediment contamination. <i>Chemosphere</i> , 2015, 138, 856-862.	4.2	30
78	Linking algal growth inhibition to chemical activity: Baseline toxicity required 1% of saturation. <i>Chemosphere</i> , 2015, 120, 305-308.	4.2	27
79	Passive sampling methods for contaminated sediments: Scientific rationale supporting use of freely dissolved concentrations. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 197-209.	1.6	153
80	Impact of soil amendments and the plant rhizosphere on PAH behaviour in soil. <i>Environmental Pollution</i> , 2014, 188, 124-131.	3.7	34
81	PAH toxicity at aqueous solubility in the fish embryo test with <i>Danio rerio</i> using passive dosing. <i>Chemosphere</i> , 2014, 112, 77-84.	4.2	42
82	The effect of humic acids on biodegradation of polycyclic aromatic hydrocarbons depends on the exposure regime. <i>Environmental Pollution</i> , 2014, 184, 435-442.	3.7	85
83	Silicone passive equilibrium samplers as â€”chemometersâ€”™ in eels and sediments of a Swedish lake. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 464-472.	1.7	49
84	Co-Transport of Polycyclic Aromatic Hydrocarbons by Motile Microorganisms Leads to Enhanced Mass Transfer under Diffusive Conditions. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4368-4375.	4.6	35
85	Simultaneous Control of Phenanthrene and Drought by Dual Exposure System: The Degree of Synergistic Interactions in Springtails was Exposure Dependent. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9737-9744.	4.6	12
86	Equilibrium Sampling to Determine the Thermodynamic Potential for Bioaccumulation of Persistent Organic Pollutants from Sediment. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11352-11359.	4.6	40
87	Advancing passive sampling of contaminants in environmental science. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 366.	1.7	9
88	Physiological and molecular responses of springtails exposed to phenanthrene and drought. <i>Environmental Pollution</i> , 2014, 184, 370-376.	3.7	14
89	Baseline Toxic Mixtures of Non-Toxic Chemicals: â€”Solubility Additionâ€”Increases Exposure for Solid Hydrophobic Chemicals. <i>Environmental Science &amp; Technology</i> , 2013, 47, 2026-2033.	4.6	68
90	Changes in <i>Lumbriculus variegatus</i> metabolites under hypoxic exposure to benzo(a)pyrene, chlorpyrifos and pentachlorophenol: Consequences on biotransformation. <i>Chemosphere</i> , 2013, 93, 302-310.	4.2	8

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91	Is there sufficient "sink"™ in current bioaccessibility determinations of organic pollutants in soils?. <i>Environmental Pollution</i> , 2013, 181, 128-132.	3.7	45
92	Loss of artemisinin produced by <i>Artemisia annua</i> L. to the soil environment. <i>Industrial Crops and Products</i> , 2013, 43, 132-140.	2.5	23
93	Sorptive Physiologically Based Extraction of Contaminated Solid Matrices: Incorporating Silicone Rod As Absorption Sink for Hydrophobic Organic Contaminants. <i>Environmental Science &amp; Technology</i> , 2013, 47, 941-948.	4.6	52
94	Uptake and toxicity of polycyclic aromatic hydrocarbons in terrestrial springtails" studying bioconcentration kinetics and linking toxicity to chemical activity. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 361-369.	2.2	23
95	Methods to assess bioavailability of hydrophobic organic contaminants: Principles, operations, and limitations. <i>Environmental Pollution</i> , 2013, 172, 223-234.	3.7	188
96	The dosing determines mutagenicity of hydrophobic compounds in the Ames II assay with metabolic transformation: Passive dosing versus solvent spiking. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 750, 12-18.	0.9	29
97	Passive Dosing of Polycyclic Aromatic Hydrocarbon (PAH) Mixtures to Terrestrial Springtails: Linking Mixture Toxicity to Chemical Activities, Equilibrium Lipid Concentrations, and Toxic Units. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7020-7027.	4.6	34
98	Passive Equilibrium Sampler for in Situ Measurements of Freely Dissolved Concentrations of Hydrophobic Organic Chemicals in Sediments. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7830-7839.	4.6	51
99	Partitioning of fluoranthene between free and bound forms in stormwater runoff and other urban discharges using passive dosing. <i>Water Research</i> , 2012, 46, 6002-6012.	5.3	7
100	Pulmonary Surfactant Suppressed Phenanthrene Adsorption on Carbon Nanotubes through Solubilization and Competition As Examined by Passive Dosing Technique. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5369-5377.	4.6	56
101	Sensitive Equilibrium Sampling To Study Polychlorinated Biphenyl Disposition in Baltic Sea Sediment. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10114-10122.	4.6	68
102	Sorptive Bioaccessibility Extraction (SBE) of Soils: Combining a Mobilization Medium with an Absorption Sink. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10682-10689.	4.6	56
103	Dynamic Passive Dosing for Studying the Biotransformation of Hydrophobic Organic Chemicals: Microbial Degradation as an Example. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4852-4860.	4.6	50
104	Measuring Binding and Speciation of Hydrophobic Organic Chemicals at Controlled Freely Dissolved Concentrations and without Phase Separation. <i>Analytical Chemistry</i> , 2012, 84, 1601-1608.	3.2	61
105	Recreating the seawater mixture composition of HOCs in toxicity tests with <i>Artemia franciscana</i> by passive dosing. <i>Aquatic Toxicology</i> , 2012, 120-121, 27-34.	1.9	34
106	Time-Weighted Average SPME Analysis for <i>in Planta</i> Determination of cVOCs. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3319-3325.	4.6	21
107	Soil microbial and physical properties and their relations along a steep copper gradient. <i>Agriculture, Ecosystems and Environment</i> , 2012, 159, 9-18.	2.5	37
108	A flow-through passive dosing system for continuously supplying aqueous solutions of hydrophobic chemicals to bioconcentration and aquatic toxicity tests. <i>Chemosphere</i> , 2012, 86, 593-599.	4.2	18

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109	Towards a renewed research agenda in ecotoxicology. <i>Environmental Pollution</i> , 2012, 160, 201-206.	3.7	78
110	Occurrence of organochlorine pesticides in indoor dust. <i>Journal of Environmental Monitoring</i> , 2011, 13, 522.	2.1	25
111	A Contaminant Trap as a Tool for Isolating and Measuring the Desorption Resistant Fraction of Soil Pollutants. <i>Environmental Science &amp; Technology</i> , 2011, 45, 2932-2937.	4.6	36
112	Equilibrium Sampling of Persistent and Bioaccumulative Compounds in Soil and Sediment: Comparison of Two Approaches To Determine Equilibrium Partitioning Concentrations in Lipids. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1041-1047.	4.6	64
113	Aquatic toxicity of PAHs and PAH mixtures at saturation to benthic amphipods: Linking toxic effects to chemical activity. <i>Aquatic Toxicology</i> , 2011, 102, 142-149.	1.9	93
114	Equilibrium sampling of environmental pollutants in fish: Comparison with lipid-normalized concentrations and homogenization effects on chemical activity. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1515-1521.	2.2	32
115	Crucial role of mechanisms and modes of toxic action for understanding tissue residue toxicity and internal effect concentrations of organic chemicals. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 28-49.	1.6	121
116	Low accessibility and chemical activity of PAHs restrict bioremediation and risk of exposure in a manufactured gas plant soil. <i>Environmental Pollution</i> , 2010, 158, 1214-1220.	3.7	50
117	Do complex matrices modify the sorptive properties of polydimethylsiloxane (PDMS) for non-polar organic chemicals?. <i>Journal of Chromatography A</i> , 2010, 1217, 4765-4770.	1.8	66
118	Passive Dosing for Producing Defined and Constant Exposure of Hydrophobic Organic Compounds during in Vitro Toxicity Tests. <i>Chemical Research in Toxicology</i> , 2010, 23, 55-65.	1.7	117
119	Response to Comment on "More of EPA's SPARC Online Calculator" The Need for High Quality Predictions of Chemical Properties. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7746-7747.	4.6	3
120	Passive Dosing to Determine the Speciation of Hydrophobic Organic Chemicals in Aqueous Samples. <i>Analytical Chemistry</i> , 2010, 82, 1142-1146.	3.2	62
121	Controlling and maintaining exposure of hydrophobic organic compounds in aquatic toxicity tests by passive dosing. <i>Aquatic Toxicology</i> , 2010, 98, 15-24.	1.9	143
122	Bioavailability of organochlorine compounds in aqueous suspensions of fullerene: Evaluated with medaka ( <i>Oryzias latipes</i> ) and negligible depletion solid-phase microextraction. <i>Chemosphere</i> , 2010, 80, 693-700.	4.2	24
123	More of EPA's SPARC Online Calculator The Need for High-Quality Predictions of Chemical Properties. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4400-4401.	4.6	18
124	Effect of vegetable oil addition on bioaccessibility and biodegradation of polycyclic aromatic hydrocarbons in historically contaminated soils. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 827-835.	1.6	30
125	In Situ Silicone Tube Microextraction: A New Method for Undisturbed Sampling of Root-exuded Thiophenes from Marigold ( <i>Tagetes erecta</i> L.) in Soil. <i>Journal of Chemical Ecology</i> , 2009, 35, 1279-1287.	0.9	49
126	COMBINED CHEMICAL (FLUORANTHENE) AND DROUGHT EFFECTS ON LUMBRICUS RUBELLUS DEMONSTRATE THE APPLICABILITY OF THE INDEPENDENT ACTION MODEL FOR MULTIPLE STRESSOR ASSESSMENT. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 629.	2.2	29



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127	MEASURING PYRETHROIDS IN SEDIMENT PORE WATER USING MATRIX-SOLID PHASE MICROEXTRACTION. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 36.	2.2	33
128	Silicone Membrane Equilibrator: Measuring Chemical Activity of Nonpolar Chemicals with Poly(dimethylsiloxane) Microtubes Immersed Directly in Tissue and Lipids. <i>Analytical Chemistry</i> , 2009, 81, 1536-1542.	3.2	57
129	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, 522-529.	4.2	60
130	Development of a dynamic delivery method for in vitro bioassays. <i>Chemosphere</i> , 2009, 76, 83-90.	4.2	54
131	Equilibrium sampling through membranes (ESTM) of acidic organic pollutants using hollow fibre modules in continuous steady-state mode. <i>Chemosphere</i> , 2009, 76, 1213-1220.	4.2	10
132	Possibilities and limitations of equilibrium sampling using polydimethylsiloxane in fish tissue. <i>Chemosphere</i> , 2009, 77, 764-770.	4.2	63
133	Determining the chemical activity of hydrophobic organic compounds in soil using polymer coated vials. <i>Chemistry Central Journal</i> , 2008, 2, 8.	2.6	82
134	Field testing of equilibrium passive samplers to determine freely dissolved native polycyclic aromatic hydrocarbon concentrations. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 499-508.	2.2	155
135	Impacts of some environmentally relevant parameters on the sorption of polycyclic aromatic hydrocarbons to aqueous suspensions of fullerene. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1868-1874.	2.2	80
136	Immersed solid phase microextraction to measure chemical activity of lipophilic organic contaminants in fatty tissue samples. <i>Chemosphere</i> , 2008, 71, 1502-1510.	4.2	44
137	Equilibrium sampling: Partitioning of organochlorine compounds from lipids into polydimethylsiloxane. <i>Chemosphere</i> , 2008, 73, 1575-1581.	4.2	82
138	Passive Dosing of Soil Invertebrates with Polycyclic Aromatic Hydrocarbons: Limited Chemical Activity Explains Toxicity Cutoff. <i>Environmental Science &amp; Technology</i> , 2008, 42, 7516-7521.	4.6	102
139	Isomer-Specific Biodegradation of Methylphenanthrenes by Soil Bacteria. <i>Environmental Science &amp; Technology</i> , 2008, 42, 4790-4796.	4.6	21
140	Multivariate Analysis of Selected Metal Ion Transport through a Hollow-Fiber Supported Liquid Membrane Device used for Passive Sampling Monitoring. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 602-623.	0.8	8
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#	ARTICLE	IF	CITATIONS
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