Martin Scheringer

List of Publications by Year
in descending order

186 papers	14,242 citations	18482 62 h-index	21540 114 g-index
194 all docs	194 docs citations	194 times ranked	12149 citing authors

#	Article	IF	Citations
1	What Are the Sources of Exposure to Eight Frequently Used Phthalic Acid Esters in Europeans?. Risk Analysis, 2006, 26, 803-824.	2.7	851
2	Estimation of cumulative aquatic exposure and risk due to silver: Contribution of nano-functionalized plastics and textiles. Science of the Total Environment, 2008, 390, 396-409.	8.0	843
3	An overview of the uses of per- and polyfluoroalkyl substances (PFAS). Environmental Sciences: Processes and Impacts, 2020, 22, 2345-2373.	3.5	632
4	Fluorinated alternatives to long-chain perfluoroalkyl carboxylic acids (PFCAs), perfluoroalkane sulfonic acids (PFSAs) and their potential precursors. Environment International, 2013, 60, 242-248.	10.0	623
5	Global emission inventories for C4â€“C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, Part I: production and emissions from quantifiable sources. Environment International, 2014, 70, 62-75.	10.0	521
6	Hazard assessment of fluorinated alternatives to long-chain perfluoroalkyl acids (PFAAs) and their precursors: Status quo, ongoing challenges and possible solutions. Environment International, 2015, 75, 172-179.	10.0	420
7	Estimating Consumer Exposure to PFOS and PFOA. Risk Analysis, 2008, 28, 251-269.	2.7	388
8	Health and ecological risk assessment of emerging contaminants (pharmaceuticals, personal care) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Basin, India. Science of the Total Environment, 2019, 646, 1459-1467.	8.0	328
9	Development of Environmental Fate Models for Engineered Nanoparticlesâ€"A Case Study of TiO₂ Nanoparticles in the Rhine River. Environmental Science & Technology, 2012, 46, 6705-6713.	10.0	270
10	Global production, use, and emission volumes of short-chain chlorinated paraffins â€“ A minimum scenario. Science of the Total Environment, 2016, 573, 1132-1146.	8.0	230
11	Using COSMOtherm to predict physicochemical properties of poly- and perfluorinated alkyl substances (PFASs). Environmental Chemistry, 2011, 8, 389.	1.5	202
12	The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2015, 123, A107-11.	6.0	199
13	Considerations of Environmentally Relevant Test Conditions for Improved Evaluation of Ecological Hazards of Engineered Nanomaterials. Environmental Science & Technology, 2016, 50, 6124-6145.	10.0	191
14	Global emission inventories for C4â€“C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, part II: The remaining pieces of the puzzle. Environment International, 2014, 69, 166-176.	10.0	185
15	HelsingÃ¸r Statement on poly- and perfluorinated alkyl substances (PFASs). Chemosphere, 2014, 114, 337-339.	8.2	175
16	Bisphenol A: How the Most Relevant Exposure Sources Contribute to Total Consumer Exposure. Risk Analysis, 2010, 30, 473-487.	2.7	170
17	Improving Data Quality for Environmental Fate Models:Â A Least-Squares Adjustment Procedure for Harmonizing Physicochemical Properties of Organic Compounds. Environmental Science & Technology, 2005, 39, 8434-8441.	10.0	162
18	Estimating the contribution of precursor compounds in consumer exposure to PFOS and PFOA. Chemosphere, 2008, 73, 1617-1624.	8.2	161

#	Article	IF	Citations
19	Modeling the Global Fate and Transport of Perfluorooctane Sulfonate (PFOS) and Precursor Compounds in Relation to Temporal Trends in Wildlife Exposure. Environmental Science & Technology, 2009, 43, 9274-9280.	10.0	158
20	Heteroaggregation of Titanium Dioxide Nanoparticles with Model Natural Colloids under Environmentally Relevant Conditions. Environmental Science & Technology, 2014, 48, 10690-10698.	10.0	155
21	Persistence and Spatial Range as Endpoints of an Exposure-Based Assessment of Organic Chemicals. Environmental Science & Technology, 1996, 30, 1652-1659.	10.0	151
22	The precautionary principle and chemicals management: The example of perfluoroalkyl acids in groundwater. Environment International, 2016, 94, 331-340.	10.0	151
23	Are Fluoropolymers Really of Low Concern for Human and Environmental Health and Separate from Other PFAS?. Environmental Science & Technology, 2020, 54, 12820-12828.	10.0	149
24	A modeling assessment of the physicochemical properties and environmental fate of emerging and novel per- and polyfluoroalkyl substances. Science of the Total Environment, 2015, 505, 981-991.	8.0	144
25	Investigation of the Cold Condensation of Persistent Organic Pollutants with a Global Multimedia Fate Model. Environmental Science & Technology, 2000, 34, 1842-1850.	10.0	143
26	Total Consumer Exposure to Polybrominated Diphenyl Ethers in North America and Europe. Environmental Science & Technology, 2011, 45, 2391-2397.	10.0	143
27	Comparing Estimates of Persistence and Long-Range Transport Potential among Multimedia Models. Environmental Science & Technology, 2005, 39, 1932-1942.	10.0	138
28	The OECD software tool for screening chemicals for persistence and long-range transport potential. Environmental Modelling and Software, 2009, 24, 228-237.	4.5	134
29	Strategies for grouping per- and polyfluoroalkyl substances (PFAS) to protect human and environmental health. Environmental Sciences: Processes and Impacts, 2020, 22, 1444-1460.	3.5	126
30	Screening for PBT Chemicals among the â€œExistingâ€• and â€œNewâ€• Chemicals of the EU. Environmental Science & Technology, 2012, 46, 5680-5687.	10.0	125
31	Exploring the planetary boundary for chemical pollution. Environment International, 2015, 78, 8-15.	10.0	125
32	The concept of essential use for determining when uses of PFASs can be phased out. Environmental Sciences: Processes and Impacts, 2019, 21, 1803-1815.	3.5	125
33	The high persistence of PFAS is sufficient for their management as a chemical class. Environmental Sciences: Processes and Impacts, 2020, 22, 2307-2312.	3.5	125
34	Contribution of Volatile Precursor Substances to the Flux of Perfluorooctanoate to the Arctic. Environmental Science & Technology, 2008, 42, 3710-3716.	10.0	123
35	Modeling the Environmental Fate of Polybrominated Diphenyl Ethers (PBDEs): The Importance of Photolysis for the Formation of Lighter PBDEs. Environmental Science & Technology, 2008, 42, 9244-9249.	10.0	120
36	Envisioning Nano Release Dynamics in a Changing World: Using Dynamic Probabilistic Modeling to Assess Future Environmental Emissions of Engineered Nanomaterials. Environmental Science & Technology, 2017, 51, 2854-2863.	10.0	114

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37	Modeling the Global Levels and Distribution of Polychlorinated Biphenyls in Air under a Climate Change Scenario. Environmental Science & Technology, 2009, 43, 5818-5824.	10.0	110
38	Toward a Comprehensive Global Emission Inventory of C₄â€“C₁₀ Perfluoroalkanesulfonic Acids (PFSAs) and Related Precursors: Focus on the Life Cycle of C₈-Based Products and Ongoing Industrial Transition. Environmental Science & Technology, 2017, 51, 4482-4493.	10.0	109
39	Assessing the persistence, bioaccumulation potential and toxicity of brominated flame retardants: Data availability and quality for 36 alternative brominated flame retardants. Chemosphere, 2014, 116, 118-123.	8.2	108
40	Why is high persistence alone a major cause of concern?. Environmental Sciences: Processes and Impacts, 2019, 21, 781-792.	3.5	106
41	Characterization of the Environmental Distribution Behavior of Organic Chemicals by Means of Persistence and Spatial Range. Environmental Science & Technology, 1997, 31, 2891-2897.	10.0	103
42	Application of Multimedia Models for Screening Assessment of Long-Range Transport Potential and Overall Persistence. Environmental Science & Technology, 2006, 40, 53-60.	10.0	103
43	Longâ€range transport of organic chemicals in the environment. Environmental Toxicology and Chemistry, 2009, 28, 677-690.	4.3	102
44	The State of Multimedia Mass-Balance Modeling in Environmental Science and Decision-Making. Environmental Science & Technology, 2010, 44, 8360-8364.	10.0	100
45	Impacts of food contact chemicals on human health: a consensus statement. Environmental Health, 2020, 19, 25.	4.0	100
46	A proposed framework for the systematic review and integrated assessment (SYRINA) of endocrine disrupting chemicals. Environmental Health, 2016, 15, 74.	4.0	92
47	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2018, 126, 84502.	6.0	91
48	Size-fractionated characterization and quantification of nanoparticle release rates from a consumer spray product containing engineered nanoparticles. Journal of Nanoparticle Research, 2010, 12, 2481-2494.	1.9	90
49	How many persistent organic pollutants should we expect?. Atmospheric Pollution Research, 2012, 3, 383-391.	3.8	88
50	Toxic Ratio as an Indicator of the Intrinsic Toxicity in the Assessment of Persistent, Bioaccumulative, and Toxic Chemicals. Environmental Science & Technology, 2004, 38, 3659-3666.	10.0	86
51	Alternative Approaches for Modeling Gasâˆ'Particle Partitioning of Semivolatile Organic Chemicals:Â Model Development and Comparison. Environmental Science & Technology, 2007, 41, 1272-1278.	10.0	86
52	Environmental risks of nanomaterials. Nature Nanotechnology, 2008, 3, 322-323.	31.5	85
53	Calculation of Physicochemical Properties for Short- and Medium-Chain Chlorinated Paraffins. Journal of Physical and Chemical Reference Data, 2013, 42, .	4.2	79
54	Nanosized aerosols from consumer sprays: experimental analysis and exposure modeling for four commercial products. Journal of Nanoparticle Research, 2011, 13, 3377-3391.	1.9	74

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55	The Origin and Significance of Short-Term Variability of Semivolatile Contaminants in Air. Environmental Science & Technology, 2007, 41, 3249-3253.	10.0	73
56	Trends in European Background Air Reflect Reductions in Primary Emissions of PCBs and PBDEs. Environmental Science & Technology, 2010, 44, 6760-6766.	10.0	73
57	Potential exposure of German consumers to engineered nanoparticles in cosmetics and personal care products. Nanotoxicology, 2011, 5, 12-29.	3.0	73
58	Comprehensive Toxic Plantsâ€"Phytotoxins Database and Its Application in Assessing Aquatic Micropollution Potential. Journal of Agricultural and Food Chemistry, 2018, 66, 7577-7588.	5.2	72
59	Addressing the complexity of water chemistry in environmental fate modeling for engineered nanoparticles. Science of the Total Environment, 2015, 535, 150-159.	8.0	70
60	An overview of worldwide and regional time trends in total mercury levels in human blood and breast milk from 1966 to 2015 and their associations with health effects. Environment International, 2019, 125, 300-319.	10.0	69
61	Assessment of the environmental persistence and long-range transport of endosulfan. Environmental Pollution, 2011, 159, 1737-1743.	7.5	68
62	Critical Assessment of Models for Transport of Engineered Nanoparticles in Saturated Porous Media. Environmental Science & Technology, 2014, 48, 12732-12741.	10.0	66
63	Persistence of Parent Compounds and Transformation Products in a Level IV Multimedia Model. Environmental Science & Technology, 2000, 34, 3809-3817.	10.0	65
64	Environmental assessment of chemicals: methods and application to a case study of organic solvents. Green Chemistry, 2004, 6, 418-427.	9.0	64
65	Short-Chain Chlorinated Paraffins in Zurich, Switzerlandâ€"Atmospheric Concentrations and Emissions. Environmental Science & Technology, 2015, 49, 9778-9786.	10.0	64
66	Measuring and Modeling Short-Term Variability of PCBs in Air and Characterization of Urban Source Strength in Zurich, Switzerland. Environmental Science & Technology, 2009, 43, 769-776.	10.0	63
67	Concentrations in Ambient Air and Emissions of Cyclic Volatile Methylsiloxanes in Zurich, Switzerland. Environmental Science & Technology, 2013, 47, 7045-7051.	10.0	63
68	Atmospheric fate of poly- and perfluorinated alkyl substances (PFASs): I. Dayâ€"night patterns of air concentrations in summer in Zurich, Switzerland. Environmental Pollution, 2012, 169, 196-203.	7.5	62
69	Comparative assessment of the environmental hazards of and exposure to perfluoroalkyl phosphonic and phosphinic acids (PFPAs and PFPiAs): Current knowledge, gaps, challenges and research needs. Environment International, 2016, 89-90, 235-247.	10.0	62
70	Modeling the Effect of Snow and Ice on the Global Environmental Fate and Long-Range Transport Potential of Semivolatile Organic Compounds. Environmental Science & Technology, 2007, 41, 6192-6198.	10.0	59
71	Toward the next generation of air quality monitoring: Persistent organic pollutants. Atmospheric Environment, 2013, 80, 591-598.	4.1	59
72	We need a global science-policy body on chemicals and waste. Science, 2021, 371, 774-776.	12.6	59

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73	Sediment Record and Atmospheric Deposition of Brominated Flame Retardants and Organochlorine Compounds in Lake Thun, Switzerland: Lessons from the Past and Evaluation of the Present. Environmental Science & Technology, 2008, 42, 6817-6822.	10.0	56
74	Estimating Enthalpy of Vaporization from Vapor Pressure Using Trouton's Rule. Environmental Science & Technology, 2007, 41, 2827-2832.	10.0	54
75	Investigating the Global Fate of DDT: Model Evaluation and Estimation of Future Trends. Environmental Science & Technology, 2008, 42, 1178-1184.	10.0	54
76	Multimedia Partitioning, Overall Persistence, and Longâ€Range Transport Potential in the Context of POPs and PBT Chemical Assessments. Integrated Environmental Assessment and Management, 2009, 5, 557-576.	2.9	53
77	From incremental to fundamental substitution in chemical alternatives assessment. Sustainable Chemistry and Pharmacy, 2015, 1, 1-8.	3.3	53
78	Predicting Long-Range Transport:â€‰ A Systematic Evaluation of Two Multimedia Transport Models. Environmental Science & Technology, 2001, 35, 1181-1189.	10.0	50
79	Emissions of Polychlorinated Biphenyls, Polychlorinated Dibenzo-<i>p</i>-dioxins, and Polychlorinated Dibenzofurans during 2010 and 2011 in Zurich, Switzerland. Environmental Science & Technology, 2014, 48, 482-490.	10.0	48
80	Environmental fate and exposure models: advances and challenges in 21st century chemical risk assessment. Environmental Sciences: Processes and Impacts, 2018, 20, 58-71.	3.5	48
81	Measures of Overall Persistence and the Temporal Remote State. Environmental Science & Technology, 2004, 38, 5665-5673.	10.0	46
82	Legacy and alternative halogenated flame retardants in human milk in Europe: Implications for children's health. Environment International, 2017, 108, 137-145.	10.0	45
83	The effect of export to the deep sea on the long-range transport potential of persistent organic pollutants. Environmental Science and Pollution Research, 2004, 11, 41-48.	5.3	44
84	Prediction of nanoparticle transport behavior from physicochemical properties: machine learning provides insights to guide the next generation of transport models. Environmental Science: Nano, 2015, 2, 352-360.	4.3	44
85	Levels, fluxes and time trends of persistent organic pollutants in Lake Thun, Switzerland: Combining trace analysis and multimedia modeling. Science of the Total Environment, 2010, 408, 3654-3663.	8.0	43
86	Oceanic long-range transport of organic additives present in plastic products: an overview. Environmental Sciences Europe, 2021, 33, .	5.5	43
87	Using Information on Uncertainty to Improve Environmental Fate Modeling: A Case Study on DDT. Environmental Science & Technology, 2009, 43, 128-134.	10.0	41
88	Sorption and Mobility of Charged Organic Compounds: How to Confront and Overcome Limitations in Their Assessment. Environmental Science & Technology, 2022, 56, 4702-4710.	10.0	41
89	Including degradation products of persistent organic pollutants in a global multi-media box model. Environmental Science and Pollution Research, 2007, 14, 145-152.	5.3	40
90	Reduction of occupational exposure to perchloroethylene and trichloroethylene in metal degreasing over the last 30 years: influences of technology innovation and legislation. Journal of Exposure Science and Environmental Epidemiology, 2003, 13, 325-340.	3.9	38

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91	Ten years after entry into force of the Stockholm Convention: What do air monitoring data tell about its effectiveness?. Environmental Pollution, 2016, 217, 149-158.	7.5	38
92	Remoteness from Emission Sources Explains the Fractionation Pattern of Polychlorinated Biphenyls in the Northern Hemisphere. Environmental Science & Technology, 2010, 44, 6183-6188.	10.0	37
93	Good modeling practice guidelines for applying multimedia models in chemical assessments. Integrated Environmental Assessment and Management, 2012, 8, 703-708.	2.9	36
94	Facing complexity through informed simplifications: a research agenda for aquatic exposure assessment of nanoparticles. Environmental Sciences: Processes and Impacts, 2013, 15, 161-168.	3.5	35
95	Joint Persistence of Transformation Products in Chemicals Assessment: Case Studies and Uncertainty Analysis. Risk Analysis, 2003, 23, 35-53.	2.7	33
96	Quantifying Diffuse and Point Inputs of Perfluoroalkyl Acids in a Nonindustrial River Catchment. Environmental Science & Technology, 2011, 45, 9901-9909.	10.0	32
97	Toward a Comprehensive Global Emission Inventory of C₄â€“C₁₀ Perfluoroalkanesulfonic Acids (PFSAs) and Related Precursors: Focus on the Life Cycle of C₆- and C₁₀-Based Products. Environmental Science and Technology Letters, 2019, 6, 1-7.	8.7	32
98	Information Requirements under the Essential-Use Concept: PFAS Case Studies. Environmental Science & Technology, 2022, 56, 6232-6242.	10.0	32
99	A Framework for Evaluating the Contribution of Transformation Products to Chemical Persistence in the Environment. Environmental Science & Technology, 2011, 45, 111-117.	10.0	30
100	Atmospheric fate of poly- and perfluorinated alkyl substances (PFASs): II. Emission source strength in summer in Zurich, Switzerland. Environmental Pollution, 2012, 169, 204-209.	7.5	29
101	Quantifying Remoteness from Emission Sources of Persistent Organic Pollutants on a Global Scale. Environmental Science & Technology, 2010, 44, 2791-2796.	10.0	28
102	A network perspective reveals decreasing material diversity in studies on nanoparticle interactions with dissolved organic matter. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1756-E1765.	7.1	28
103	Systematic evidence on migrating and extractable food contact chemicals: Most chemicals detected in food contact materials are not listed for use. Critical Reviews in Food Science and Nutrition, 2023, 63, 9425-9435.	10.3	28
104	Describing the environmental fate of diuron in a tropical river catchment. Science of the Total Environment, 2012, 440, 178-185.	8.0	27
105	The Need for Chemical Simplification As a Logical Consequence of Ever-Increasing Chemical Pollution. Environmental Science & Technology, 2021, 55, 14470-14472.	10.0	27
106	Development of Policy Relevant Human Biomonitoring Indicators for Chemical Exposure in the European Population. International Journal of Environmental Research and Public Health, 2018, 15, 2085.	2.6	26
107	Temporal Trends of Persistent Organic Pollutants across Africa after a Decade of MONET Passive Air Sampling. Environmental Science & Technology, 2021, 55, 9413-9424.	10.0	26
108	Scenario-Based Risk Assessment of Multi-Use Chemicals: Application to Solvents. Risk Analysis, 2001, 21, 481-498.	2.7	25

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109	Estimation of the Source Strength of Polybrominated Diphenyl Ethers Based on Their Diel Variability in Air in Zurich, Switzerland. Environmental Science & Technology, 2010, 44, 4225-4231.	10.0	25
110	PBDE exposure from food in Ireland: optimising data exploitation in probabilistic exposure modelling. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 565-575.	3.9	25
111	Emissions of polybrominated diphenyl ethers (PBDEs) in Zurich, Switzerland, determined by a combination of measurements and modeling. Chemosphere, 2014, 116, 15-23.	8.2	25
112	Comparing measured and modelled PFOS concentrations in a UK freshwater catchment and estimating emission rates. Environment International, 2014, 70, 25-31.	10.0	25
113	What determines PCB concentrations in soils in rural and urban areas? Insights from a multi-media fate model for Switzerland as a case study. Science of the Total Environment, 2016, 550, 1152-1162.	8.0	25
114	Fate modelling within LCA. International Journal of Life Cycle Assessment, 2000, 5, 335.	4.7	24
115	Junge relationships in measurement data for cyclic siloxanes in air. Chemosphere, 2013, 93, 830-834.	8.2	24
116	USING CONDITIONAL INFERENCE TREES AND RANDOM FORESTS TO PREDICT THE BIOACCUMULATION POTENTIAL OF ORGANIC CHEMICALS. Environmental Toxicology and Chemistry, 2013, 32, 1187-1195.	4.3	24
117	Estimation of physicochemical properties of 52 non-PBDE brominated flame retardants and evaluation of their overall persistence and long-range transport potential. Science of the Total Environment, 2014, 491-492, 108-117.	8.0	24
118	Long-term time trends in human intake of POPs in the Czech Republic indicate a need for continuous monitoring. Environment International, 2017, 108, 1-10.	10.0	24
119	Local organochlorine pesticide concentrations in soil put into a global perspective. Environmental Pollution, 2016, 217, 11-18.	7.5	23
120	Developmental neurotoxicants in human milk: Comparison of levels and intakes in three European countries. Science of the Total Environment, 2017, 579, 637-645.	8.0	22
121	Passive Air Samplers As a Tool for Assessing Long-Term Trends in Atmospheric Concentrations of Semivolatile Organic Compounds. Environmental Science & Technology, 2017, 51, 7047-7054.	10.0	22
122	"Is there anybody else out there?" â€“ First Insights from a Suspect Screening for Phytotoxins in Surface Water. Chimia, 2020, 74, 129.	0.6	22
123	Linking the Use of Scented Consumer Products to Consumer Exposure to Polycyclic Musk Fragrances. Journal of Industrial Ecology, 2008, 9, 237-258.	5.5	21
124	Primary source regions of polychlorinated biphenyls (PCBs) measured in the Arctic. Atmospheric Environment, 2012, 62, 391-399.	4.1	21
125	Assessments of Direct Human Exposureâ€"The Approach of EU Risk Assessments Compared to Scenario-Based Risk Assessment. Risk Analysis, 2007, 27, 979-990.	2.7	20
126	A Temperate Alpine Glacier as a Reservoir of Polychlorinated Biphenyls: Model Results of Incorporation, Transport, and Release. Environmental Science & Technology, 2016, 50, 5572-5579.	10.0	20

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127	Regional differences in gasâ€"particle partitioning and deposition of semivolatile organic compounds on a global scale. Atmospheric Environment, 2008, 42, 554-567.	4.1	18
128	Long-Range and Regional Atmospheric Transport of POPs and Implications for Global Cycling. Comprehensive Analytical Chemistry, 2015, 67, 363-387.	1.3	18
129	Retrospective HRMS Screening and Dedicated Target Analysis Reveal a Wide Exposure to Pyrrolizidine Alkaloids in Small Streams. Environmental Science & Technology, 2021, 55, 1036-1044.	10.0	18
130	Probabilistic approaches in the effect assessment of toxic chemicals. Environmental Science and Pollution Research, 2002, 9, 307-314.	5.3	17
131	Polychlorinated Biphenyls in a Temperate Alpine Glacier: 2. Model Results of Chemical Fate Processes. Environmental Science & Technology, 2015, 49, 14092-14100.	10.0	17
132	Characterisation of suspended particulate matter in the Rhone River: insights into analogue selection. Environmental Chemistry, 2016, 13, 804.	1.5	17
133	Addressing Urgent Questions for PFAS in the 21st Century. Environmental Science & Technology, 2021, 55, 12755-12765.	10.0	17
134	Assessing Occupational Exposure to Perchloroethylene in Dry Cleaning. Journal of Occupational and Environmental Hygiene, 2006, 3, 606-619.	1.0	16
135	First investigations of mountainous cold condensation effects with the CliMoChem model. Ecotoxicology and Environmental Safety, 2006, 63, 42-51.	6.0	16
136	Insights into natural organic matter and pesticide characterisation and distribution in the Rhone River. Environmental Chemistry, 2017, 14, 64.	1.5	16
137	Finding essentiality feasible: common questions and misinterpretations concerning the â€œessential-useâ€• concept. Environmental Sciences: Processes and Impacts, 2021, 23, 1079-1087.	3.5	16
138	Comparing representations of the environmental spatial scale of organic chemicals. Environmental Toxicology and Chemistry, 2001, 20, 922-927.	4.3	15
139	Do Persistent Organic Pollutants Reach a Thermodynamic Equilibrium in the Global Environment?. Environmental Science & Technology, 2014, 48, 5017-5024.	10.0	15
140	Dependence of Persistence and Long-Range Transport Potential on Gas-Particle Partitioning in Multimedia Models. Environmental Science & Technology, 2008, 42, 3690-3696.	10.0	14
141	Emissions of decamethylcyclopentasiloxane from Chicago. Chemosphere, 2014, 107, 473-475.	8.2	14
142	Environmental chemistry and ecotoxicology: in greater demand than ever. Environmental Sciences Europe, 2017, 29, 3.	5.5	14
143	Comparison of different lifeâ€cycle impact assessment methods for aquatic ecotoxicity. Environmental Toxicology and Chemistry, 2001, 20, 2122-2132.	4.3	13
144	Comparability of long-term temporal trends of POPs from co-located active and passive air monitoring networks in Europe. Environmental Sciences: Processes and Impacts, 2019, 21, 1132-1142.	3.5	13

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145	Evaluation of the OECD <i>P</i>_{OV} and LRTP screening tool for estimating the long-range transport of organophosphate esters. Environmental Sciences: Processes and Impacts, 2020, 22, 207-216.	3.5	13
146	Implementing the EU Chemicals Strategy for Sustainability: The case of food contact chemicals of concern. Journal of Hazardous Materials, 2022, 437, 129167.	12.4	13
147	Assessing the impact of weather events at mid-latitudes on the atmospheric transport of chemical pollutants using a 2-dimensional multimedia meteorological model. Atmospheric Environment, 2010, 44, 4489-4496.	4.1	12
148	Investigations into titanium dioxide nanoparticle and pesticide interactions in aqueous environments. Environmental Science: Nano, 2017, 4, 2055-2065.	4.3	12
149	Relationships between Atmospheric Transport Regimes and PCB Concentrations in the Air at Zeppelin, Spitsbergen. Environmental Science & Technology, 2017, 51, 9784-9791.	10.0	12
150	Persistent organic pollutants (POPs) in the focus of science and politics. Environmental Science and Pollution Research, 2004, 11, 1-2.	5.3	11
151	What Factors Determine the Retention Behavior of Engineered Nanomaterials in Saturated Porous Media?. Environmental Science & Technology, 2017, 51, 2729-2737.	10.0	11
152	Characterizing Spatial Diversity of Passive Sampling Sites for Measuring Levels and Trends of Semivolatile Organic Chemicals. Environmental Science & Technology, 2018, 52, 10599-10608.	10.0	11
153	Modelled environmental exposure to persistent organic chemicals is independent of the time course of emissions: Proof and significance for chemical exposure assessments. Ecological Modelling, 2008, 219, 256-259.	2.5	10
154	Comparing the Performance of Computational Estimation Methods for Physicochemical Properties of Dimethylsiloxanes and Selected Siloxanols. Journal of Chemical & Engineering Data, 2013, 58, 3170-3178.	1.9	10
155	INVESTIGATING THE MECHANICS OF MULTIMEDIA BOX MODELS: HOW TO EXPLAIN DIFFERENCES BETWEEN MODELS IN TERMS OF MASS FLUXES?. Environmental Toxicology and Chemistry, 2004, 23, 2433.	4.3	9
156	Socio-economic analysis for the authorisation of chemicals under REACH: A case of very high concern?. Regulatory Toxicology and Pharmacology, 2014, 70, 564-571.	2.7	9
157	Historical emissions of octachlorodibenzodioxin in a watershed in Queensland, Australia: Estimation from field data and an environmental fate model. Science of the Total Environment, 2015, 502, 680-687.	8.0	9
158	Aquatic Exposure Predictions of Insecticide Field Concentrations Using a Multimedia Mass-Balance Model. Environmental Science & Technology, 2016, 50, 3721-3728.	10.0	9
159	Towards guidelines for time-trend reviews examining temporal variability in human biomonitoring data of pollutants. Environment International, 2021, 151, 106437.	10.0	9
160	Aquatic occurrence of phytotoxins in small streams triggered by biogeography, vegetation growth stage, and precipitation. Science of the Total Environment, 2021, 798, 149128.	8.0	9
161	Effects of multi-media partitioning of chemicals on Junge's variabilityâ€“lifetime relationship. Science of the Total Environment, 2006, 367, 888-898.	8.0	8
162	Comment on â€œThe environmental photolysis of perfluorooctanesulfonate, perfluorooctanoate, and related fluorochemicalsâ€. Chemosphere, 2015, 122, 301-303.	8.2	8

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163	Empirical Investigation of the Junge Variabilityâ˜'Lifetime Relationship Using Long-Term Monitoring Data on Polychlorinated Biphenyl Concentrations in Air. Environmental Science & Technology, 2009, 43, 2746-2752.	10.0	7
164	Environmental Fate and Exposure Modeling of Nanomaterials. Frontiers of Nanoscience, 2014, , 89-125.	0.6	6
165	Comment on â€œFluorotechnology Is Critical to Modern Life: The FluoroCouncil Counterpoint to the Madrid Statementâ€ Environmental Health Perspectives, 2015, 123, A170.	6.0	6
166	To be or not to be degraded: in defense of persistence assessment of chemicals. Environmental Sciences: Processes and Impacts, 2022, 24, 1104-1109.	3.5	6
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