Kevin C Jones

List of Publications by Citations

109 papers	9,225 citations	50 h-index	95 g-index
112 ext. papers	10,068 ext. citations	9.7 avg, IF	6.18 L-index

#	Paper	IF	Citations
109	A first global production, emission, and environmental inventory for perfluorooctane sulfonate. *Environmental Science & Technology*, **2009**, 43, 386-92	10.3	696
108	Towards a global historical emission inventory for selected PCB congeners--a mass balance approach. 1. Global production and consumption. *Science of the Total Environment*, **2002**, 290, 181-98	10.2	573
107	Passive air sampling of PCBs, PBDEs, and organochlorine pesticides across Europe. *Environmental Science & Technology*, **2004**, 38, 34-41	10.3	435
106	Towards a global historical emission inventory for selected PCB congeners--a mass balance approach. 2. Emissions. *Science of the Total Environment*, **2002**, 290, 199-224	10.2	368
105	Towards a global historical emission inventory for selected PCB congeners--a mass balance approach 3. An update. *Science of the Total Environment*, **2007**, 377, 296-307	10.2	367
104	Toward a global network for persistent organic pollutants in air: results from the GAPS study. *Environmental Science & Technology*, **2006**, 40, 4867-73	10.3	337
103	Hexachlorobenzene in the global environment: emissions, levels, distribution, trends and processes. *Science of the Total Environment*, **2005**, 349, 1-44	10.2	318
102	Exposure of electronics dismantling workers to polybrominated diphenyl ethers, polychlorinated biphenyls, and organochlorine pesticides in South China. *Environmental Science & Technology*, **2007**, 41, 5647-53	10.3	304
101	Oceanic biogeochemical controls on global dynamics of persistent organic pollutants. *Environmental Science & Technology*, **2002**, 36, 4229-37	10.3	300
100	Passive air sampling of polychlorinated biphenyls, organochlorine compounds, and polybrominated diphenyl ethers across Asia. *Environmental Science & Technology*, **2005**, 39, 8638-45	10.3	283
99	Emission factors and importance of PCDD/Fs, PCBs, PCNs, PAHs and PM10 from the domestic burning of coal and wood in the U.K. *Environmental Science & Technology*, **2005**, 39, 1436-47	10.3	212
98	Past, present, and future controls on levels of persistent organic pollutants in the global environment. *Environmental Science & Technology*, **2010**, 44, 6526-31	10.3	181
97	Tracking the global generation and exports of e-waste. Do existing estimates add up?. *Environmental Science & Technology*, **2014**, 48, 8735-43	10.3	174
96	Intrinsic human elimination half-lives of polychlorinated biphenyls derived from the temporal evolution of cross-sectional biomonitoring data from the United Kingdom. *Environmental Health Perspectives*, **2011**, 119, 225-31	8.4	169
95	Passive air sampling of polycyclic aromatic hydrocarbons and polychlorinated naphthalenes across Europe. *Environmental Toxicology and Chemistry*, **2004**, 23, 1355-64	3.8	147
94	The role of soil organic carbon in the global cycling of persistent organic pollutants (POPs): interpreting and modelling field data. *Chemosphere*, **2005**, 60, 959-72	8.4	142
93	Forest Filter Effect: Role of leaves in capturing/releasing air particulate matter and its associated PAHs. *Atmospheric Environment*, **2013**, 74, 378-384	5.3	139

92	Toward an Understanding of the Global Atmospheric Distribution of Persistent Organic Pollutants: The Use of Semipermeable Membrane Devices as Time-Integrated Passive Samplers. *Environmental Science & Technology*, **1998**, 32, 2795-2803	10.3	138
91	Assessing the Contribution of Diffuse Domestic Burning as a Source of PCDD/Fs, PCBs, and PAHs to the U.K. Atmosphere. *Environmental Science & Technology*, **2000**, 34, 2892-2899	10.3	135
90	Evidence and recommendations to support the use of a novel passive water sampler to quantify antibiotics in wastewaters. *Environmental Science & Technology*, **2013**, 47, 13587-93	10.3	117
89	Measurement and Modeling of the Diurnal Cycling of Atmospheric PCBs and PAHs. *Environmental Science & Technology*, **1998**, 32, 2172-2179	10.3	115
88	A novel passive water sampler for in situ sampling of antibiotics. *Journal of Environmental Monitoring*, **2012**, 14, 1523-30		114
87	Particles and vegetation: implications for the transfer of particle-bound organic contaminants to vegetation. *Science of the Total Environment*, **2000**, 246, 207-36	10.2	113
86	Understanding and harnessing the health effects of rapid urbanization in China. *Environmental Science & Technology*, **2011**, 45, 5099-104	10.3	112
85	Chiral organochlorine pesticide signatures in global background soils. *Environmental Science & Technology*, **2005**, 39, 8671-7	10.3	110
84	Increases in the polychlorinated dibenzo-p-dioxin and -furan content of soils and vegetation since the 1840s. *Environmental Science & Technology*, **1991**, 25, 1619-1627	10.3	105
83	Polychlorinated biphenyls (PCBs) in air and seawater of the Atlantic Ocean: sources, trends and processes. *Environmental Science & Technology*, **2008**, 42, 1416-22	10.3	103
82	Measurement of DDT fluxes from a historically treated agricultural soil in Canada. *Environmental Science & Technology*, **2006**, 40, 4578-85	10.3	103
81	Tracking the Global Distribution of Persistent Organic Pollutants Accounting for E-Waste Exports to Developing Regions. *Environmental Science & Technology*, **2016**, 50, 798-805	10.3	96
80	Biological pump control of the fate and distribution of hydrophobic organic pollutants in water and plankton. *Environmental Science & Technology*, **2012**, 46, 3204-11	10.3	95
79	Field calibration of polyurethane foam (PUF) disk passive air samplers for PCBs and OC pesticides. *Environmental Pollution*, **2008**, 156, 1290-7	9.3	93
78	Evidence for major emissions of PCBs in the west African region. *Environmental Science & Technology*, **2011**, 45, 1349-55	10.3	86
77	Passive air sampling for persistent organic pollutants: introductory remarks to the special issue. *Environmental Pollution*, **2006**, 144, 361-4	9.3	84
76	Formation of non-extractable pesticide residues: observations on compound differences, measurement and regulatory issues. *Environmental Pollution*, **2005**, 133, 25-34	9.3	83
75	Are reductions in industrial organic contaminants emissions in rich countries achieved partly by export of toxic wastes?. *Environmental Science & Technology*, **2011**, 45, 9154-60	10.3	82

74	A novel analytical approach for visualizing and tracking organic chemicals in plants. *Environmental Science & Technology*, **2004**, 38, 4195-9	10.3	81
73	Contamination of Environmental Samples Prepared for PCB Analysis. *Environmental Science & Technology*, **1994**, 28, 1838-42	10.3	77
72	Has the burden and distribution of PCBs and PBDEs changed in European background soils between 1998 and 2008? Implications for sources and processes. *Environmental Science & Technology*, **2011**, 45, 7291-7	10.3	74
71	Factors influencing the soil-air partitioning and the strength of soils as a secondary source of polychlorinated biphenyls to the atmosphere. *Environmental Science & Technology*, **2011**, 45, 4785-92	10.3	71
70	The origin and significance of short-term variability of semivolatile contaminants in air. *Environmental Science & Technology*, **2007**, 41, 3249-53	10.3	67
69	Trends in European background air reflect reductions in primary emissions of PCBs and PBDEs. *Environmental Science & Technology*, **2010**, 44, 6760-6	10.3	66
68	The presence of EU priority substances mercury, hexachlorobenzene, hexachlorobutadiene and PBDEs in wild fish from four English rivers. *Science of the Total Environment*, **2013**, 461-462, 441-52	10.2	62
67	Diffusive gradients in thin-films (DGT) for in situ sampling of selected endocrine disrupting chemicals (EDCs) in waters. *Water Research*, **2018**, 137, 211-219	12.5	60
66	Uptake and storage of PCBs by plant cuticles. *Environmental Science & Technology*, **2008**, 42, 100-5	10.3	60
65	Temporal trends and controlling factors for polychlorinated biphenyls in the UK atmosphere (1991-2008). *Environmental Science & Technology*, **2010**, 44, 8068-74	10.3	58
64	Measuring and modeling short-term variability of PCBs in air and characterization of urban source strength in Zurich, Switzerland. *Environmental Science & Technology*, **2009**, 43, 769-76	10.3	57
63	A dynamic level IV multimedia environmental model: Application to the fate of polychlorinated biphenyls in the United Kingdom over a 60-year period. *Environmental Toxicology and Chemistry*, **2002**, 21, 930-940	3.8	57
62	DGT Passive Sampling for Quantitative in Situ Measurements of Compounds from Household and Personal Care Products in Waters. *Environmental Science & Technology*, **2017**, 51, 13274-13281	10.3	56
61	Atlantic ocean surface waters buffer declining atmospheric concentrations of persistent organic pollutants. *Environmental Science & Technology*, **2010**, 44, 6978-84	10.3	56
60	Spatial distribution of atmospheric PAHs and PCNs along a north-south Atlantic transect. *Environmental Pollution*, **2004**, 132, 173-81	9.3	56
59	Accumulation parameters and seasonal trends for PCBs in temperate and boreal forest plant species. *Environmental Science & Technology*, **2008**, 42, 5911-6	10.3	50
58	Interactions of multiwalled carbon nanotubes with algal cells: quantification of association, visualization of uptake, and measurement of alterations in the composition of cells. *Environmental Pollution*, **2015**, 196, 431-9	9.3	49
57	Potential contamination of shipboard air samples by diffusive emissions of PCBs and other organic pollutants: implications and solutions. *Environmental Science & Technology*, **2004**, 38, 3965-70	10.3	46

56	Soil contamination in China: Current priorities, defining background levels and standards for heavy metals. *Journal of Environmental Management*, **2019**, 251, 109512	7.9	44
55	Desorption kinetics of sulfonamide and trimethoprim antibiotics in soils assessed with diffusive gradients in thin-films. *Environmental Science & Technology*, **2014**, 48, 5530-6	10.3	41
54	Passive sampling: A cost-effective method for understanding antibiotic fate, behaviour and impact. *Environment International*, **2015**, 85, 284-91	12.9	40
53	Assessment of flame retardants in river water using a ceramic dosimeter passive sampler. *Environmental Pollution*, **2013**, 172, 163-9	9.3	40
52	PAHs in soils: contemporary UK data and evidence for potential contamination problems caused by exposure of samples to laboratory air. *Science of the Total Environment*, **1997**, 203, 141-156	10.2	40
51	Towards more ecologically realistic scenarios of plant uptake modelling for chemicals: PAHs in a small forest. *Science of the Total Environment*, **2015**, 505, 329-37	10.2	39
50	Air-boreal forest transfer and processing of polychlorinated biphenyls. *Environmental Science & Technology*, **2009**, 43, 5282-9	10.3	38
49	Peer Reviewed: Nonextractable Pesticide Residues in Soil. *Environmental Science & Technology*, **2003**, 37, 138A-144A	10.3	35
48	Maximum reservoir capacity of vegetation for persistent organic pollutants: Implications for global cycling. *Global Biogeochemical Cycles*, **2004**, 18, n/a-n/a	5.9	35
47	The effects of particle size, organic matter content, crop residues and dissolved organic matter on the sorption kinetics of atrazine and isoproturon by clay soil. *Chemosphere*, **1996**, 32, 2345-2358	8.4	35
46	Observations on historical, contemporary, and natural PCDD/Fs. *Environmental Science & Technology*, **2004**, 38, 715-23	10.3	34
45	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. *Environmental Science & Technology*, **2017**, 51, 2838-2845	10.3	33
44	Remoteness from emission sources explains the fractionation pattern of polychlorinated biphenyls in the northern hemisphere. *Environmental Science & Technology*, **2010**, 44, 6183-8	10.3	32
43	Evidence for Major Contributions of Unintentionally Produced PCBs in the Air of China: Implications for the National Source Inventory. *Environmental Science & Technology*, **2020**, 54, 2163-2171	10.3	32
42	Simultaneous determination of 20 trace organic chemicals in waters by solid-phase extraction (SPE) with triple-quadrupole mass spectrometer (QqQ-MS) and hybrid quadrupole Orbitrap high resolution MS (Q-Orbitrap-HRMS). *Chemosphere*, **2016**, 163, 99-107	8.4	31
41	Further evidence for the existence of PCDD/Fs in the environment prior to 1900. *Environmental Science & Technology*, **2001**, 35, 1974-81	10.3	31
40	In situ measurement of solution concentrations and fluxes of sulfonamides and trimethoprim antibiotics in soils using o-DGT. *Talanta*, **2015**, 132, 902-8	6.2	29
39	Soil pollution at a major West African E-waste recycling site: Contamination pathways and implications for potential mitigation strategies. *Environment International*, **2020**, 137, 105563	12.9	28

38	Environmental Distributions of Benzo[a]pyrene in China: Current and Future Emission Reduction Scenarios Explored Using a Spatially Explicit Multimedia Fate Model. *Environmental Science & Technology*, **2015**, 49, 13868-77	10.3	27
37	A new multimedia contaminant fate model for China: how important are environmental parameters in influencing chemical persistence and long-range transport potential?. *Environment International*, **2014**, 69, 18-27	12.9	26
36	Novel Method for in Situ Monitoring of Organophosphorus Flame Retardants in Waters. *Analytical Chemistry*, **2018**, 90, 10016-10023	7.8	25
35	Particulate Matter Measurement Indoors: A Review of Metrics, Sensors, Needs, and Applications. *Environmental Science & Technology*, **2019**, 53, 11644-11656	10.3	23
34	The long shadow of our chemical past - High DDT concentrations in fish near a former agrochemicals factory in England. *Chemosphere*, **2016**, 162, 333-44	8.4	23
33	A Multimedia Fate Model to Support Chemical Management in China: A Case Study for Selected Trace Organics. *Environmental Science & Technology*, **2016**, 50, 7001-9	10.3	23
32	Persistent Organic Pollutants (POPs) and Related Chemicals in the Global Environment: Some Personal Reflections. *Environmental Science & Technology*, **2021**, 55, 9400-9412	10.3	22
31	Drivers of contaminant levels in surface water of China during 2000-2030: Relative importance for illustrative home and personal care product chemicals. *Environment International*, **2018**, 115, 161-169	12.9	19
30	The significance of PCBs in the atmosphere of the southern hemisphere. *Environmental Science and Pollution Research*, **2001**, 8, 189-94	5.1	19
29	Investigating Potential Limitations of Current Diffusive Gradients in Thin Films (DGT) Samplers for Measuring Organic Chemicals. *Analytical Chemistry*, **2019**, 91, 12835-12843	7.8	18
28	Development of a Passive Sampling Technique for Measuring Pesticides in Waters and Soils. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 6397-6406	5.7	18
27	The TOMPs ambient air monitoring network - Continuous data on UK air quality for over 20 years. *Environmental Pollution*, **2016**, 217, 42-51	9.3	17
26	Spatially Explicit Large-Scale Environmental Risk Assessment of Pharmaceuticals in Surface Water in China. *Environmental Science & Technology*, **2019**, 53, 2559-2569	10.3	17
25	A year-long passive sampling of phenolic endocrine disrupting chemicals in the East River, South China. *Environment International*, **2020**, 143, 105936	12.9	15
24	Quantification of PCDD/F concentrations in animal manure and comparison of the effects of the application of cattle manure and sewage sludge to agricultural land on human exposure to PCDD/Fs. *Chemosphere*, **2003**, 50, 1183-91	8.4	14
23	Development and Application of the Diffusive Gradients in Thin-Films Technique for Measuring Psychiatric Pharmaceuticals in Natural Waters. *Environmental Science & Technology*, **2019**, 53, 11223-11231	10.3	12
22	How efficiently can HEPA purifiers remove priority fine and ultrafine particles from indoor air?. *Environment International*, **2020**, 144, 106001	12.9	11
21	Bioavailability and metabolism in a soil-crop system compared using DGT and conventional extraction techniques. *Environment International*, **2019**, 130, 104924	12.9	10

20	A comprehensive comparison and analysis of soil screening values derived and used in China and the UK. *Environmental Pollution*, **2020**, 256, 113404	9.3	10
19	Modeling the Time-Variant Dietary Exposure of PCBs in China over the Period 1930 to 2100. *Environmental Science & Technology*, **2018**, 52, 7371-7379	10.3	9
18	Modeling of Flame Retardants in Typical Urban Indoor Environments in China during 2010-2030: Influence of Policy and Decoration and Implications for Human Exposure. *Environmental Science & Technology*, **2021**, 55, 11745-11755	10.3	8
17	Applying Raman Microspectroscopy to Evaluate the Effects of Nutrient Cations on Alkane Bioavailability to ADP1. *Environmental Science & Technology*, **2020**, 54, 15800-15810	10.3	7
16	China begins to position for leadership on responsible risk-based global chemicals management. *Environmental Pollution*, **2012**, 165, 170-3	9.3	7
15	In Situ Catchment Scale Sampling of Emerging Contaminants Using Diffusive Gradients in Thin Films (DGT) and Traditional Grab Sampling: A Case Study of the River Thames, UK. *Environmental Science & Technology*, **2020**, 54, 11155-11164	10.3	7
14	Fate of 1,2,3,4,6,7,8-heptachlorodibenzofuran and pentachlorophenol during laboratory-scale anaerobic mesophilic sewage sludge digestion. *Chemosphere*, **2003**, 50, 1227-33	8.4	6
13	Development and Applications of Novel DGT Passive Samplers for Measuring 12 Per- and Polyfluoroalkyl Substances in Natural Waters and Wastewaters. *Environmental Science & Technology*, **2021**, 55, 9548-9556	10.3	6
12	Binding of waterborne pharmaceutical and personal care products to natural dissolved organic matter. *Science of the Total Environment*, **2021**, 784, 147208	10.2	6
11	Monitoring Organic Pollutants in Waters Using the Diffusive Gradients in the Thin Films Technique: Investigations on the Effects of Biofouling and Degradation. *Environmental Science & Technology*, **2020**, 54, 7961-7969	10.3	5
10	Decadal shifts in soil pH and organic matter differ between land uses in contrasting regions in China. *Science of the Total Environment*, **2020**, 740, 139904	10.2	5
9	Interrogating the Transient Selectivity of Bacterial Chemotaxis-Driven Affinity and Accumulation of Carbonaceous Substances Raman Microspectroscopy. *Frontiers in Microbiology*, **2019**, 10, 2215	5.7	4
8	Further development of a new flow-through directional passive air sampler for monitoring ambient nitrogen dioxide. *Journal of Environmental Monitoring*, **2010**, 12, 635-41		3
7	Use of the Dynamic Technique DGT to Determine the Labile Pool Size and Kinetic Resupply of Pesticides in Soils and Sediments. *Environmental Science & Technology*, **2021**, 55, 9591-9600	10.3	3
6	Water Browning Controls Adaptation and Associated Trade-Offs in Phytoplankton Stressed by Chemical Pollution. *Environmental Science & Technology*, **2020**, 54, 5569-5579	10.3	3
5	Critical assessment of an equilibrium-based method to study the binding of waterborne organic contaminants to natural dissolved organic matter (DOM). *Chemosphere*, **2021**, 285, 131524	8.4	2
4	Ecological Memory of Historical Contamination Influences the Response of Phytoplankton Communities. *Ecosystems*,1	3.9	1
3	Evaluating the simulated toxicities of metal mixtures and hydrocarbons using the alkane degrading bioreporter Acinetobacter baylyi ADPWH_recA. *Journal of Hazardous Materials*, **2021**, 419, 126471	12.8	1

2	DNA Methylation Biomarkers of IQ Reduction are Associated with Long-term Lead Exposure in School Aged Children in Southern China. *Environmental Science & Technology*, **2021**, 55, 412-422	10.3	0
1	Chemicals management and environmental assessment of chemicals in China. *Environmental Pollution*, **2012**, 165, 169	9.3	