

# Kevin C Jones

## List of Publications by Year in descending order

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112  
papers

11,102  
citations

30551

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33145

104  
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112  
all docs

112  
docs citations

112  
times ranked

9006  
citing authors

#	ARTICLE	IF	CITATIONS
1	A First Global Production, Emission, And Environmental Inventory For Perfluorooctane Sulfonate. Environmental Science & Technology, 2009, 43, 386-392.	4.6	839
2	Towards a global historical emission inventory for selected PCB congeners – a mass balance approach1. Global production and consumption. Science of the Total Environment, 2002, 290, 181-198.	3.9	647
3	Passive Air Sampling of PCBs, PBDEs, and Organochlorine Pesticides Across Europe. Environmental Science & Technology, 2004, 38, 34-41.	4.6	497
4	Towards a global historical emission inventory for selected PCB congeners – a mass balance approach2. Emissions. Science of the Total Environment, 2002, 290, 199-224.	3.9	458
5	Towards a global historical emission inventory for selected PCB congeners – A mass balance approach. Science of the Total Environment, 2007, 377, 296-307.	3.9	420
6	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. Environmental Science & Technology, 2006, 40, 4867-4873.	4.6	386
7	Hexachlorobenzene in the global environment: Emissions, levels, distribution, trends and processes. Science of the Total Environment, 2005, 349, 1-44.	3.9	369
8	Oceanic Biogeochemical Controls on Global Dynamics of Persistent Organic Pollutants. Environmental Science & Technology, 2002, 36, 4229-4237.	4.6	345
9	Exposure of Electronics Dismantling Workers to Polybrominated Diphenyl Ethers, Polychlorinated Biphenyls, and Organochlorine Pesticides in South China. Environmental Science & Technology, 2007, 41, 5647-5653.	4.6	328
10	Passive Air Sampling of Polychlorinated Biphenyls, Organochlorine Compounds, and Polybrominated Diphenyl Ethers Across Asia. Environmental Science & Technology, 2005, 39, 8638-8645.	4.6	306
11	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, 1436-1447.	4.6	249
12	Past, Present, and Future Controls on Levels of Persistent Organic Pollutants in the Global Environment. Environmental Science & Technology, 2010, 44, 6526-6531.	4.6	214
13	Tracking the Global Generation and Exports of e-Waste. Do Existing Estimates Add up?. Environmental Science & Technology, 2014, 48, 8735-8743.	4.6	201
14	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, 225-231.	2.8	200
15	Forest Filter Effect: Role of leaves in capturing/releasing air particulate matter and its associated PAHs. Atmospheric Environment, 2013, 74, 378-384.	1.9	188
16	The role of soil organic carbon in the global cycling of persistent organic pollutants (POPs): interpreting and modelling field data. Chemosphere, 2005, 60, 959-972.	4.2	169
17	PASSIVE AIR SAMPLING OF POLYCYCLIC AROMATIC HYDROCARBONS AND POLYCHLORINATED NAPHTHALENES ACROSS EUROPE. Environmental Toxicology and Chemistry, 2004, 23, 1355.	2.2	162
18	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.	4.6	150

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19	Evidence and Recommendations to Support the Use of a Novel Passive Water Sampler to Quantify Antibiotics in Wastewaters. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13587-13593.	4.6	146
20	A novel passive water sampler for in situ sampling of antibiotics. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1523.	2.1	145
21	Toward an Understanding of the Global Atmospheric Distribution of Persistent Organic Pollutants: The Use of Semipermeable Membrane Devices as Time-Integrated Passive Samplers. <i>Environmental Science &amp; Technology</i> , 1998, 32, 2795-2803.	4.6	142
22	Understanding and Harnessing the Health Effects of Rapid Urbanization in China. <i>Environmental Science &amp; Technology</i> , 2011, 45, 5099-5104.	4.6	139
23	Particles and vegetation: implications for the transfer of particle-bound organic contaminants to vegetation. <i>Science of the Total Environment</i> , 2000, 246, 207-236.	3.9	122
24	Tracking the Global Distribution of Persistent Organic Pollutants Accounting for E-Waste Exports to Developing Regions. <i>Environmental Science &amp; Technology</i> , 2016, 50, 798-805.	4.6	121
25	Polychlorinated Biphenyls (PCBs) in Air and Seawater of the Atlantic Ocean: Sources, Trends and Processes. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1416-1422.	4.6	119
26	Biological Pump Control of the Fate and Distribution of Hydrophobic Organic Pollutants in Water and Plankton. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3204-3211.	4.6	119
27	Measurement and Modeling of the Diurnal Cycling of Atmospheric PCBs and PAHs. <i>Environmental Science &amp; Technology</i> , 1998, 32, 2172-2179.	4.6	118
28	Chiral Organochlorine Pesticide Signatures in Global Background Soils. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8671-8677.	4.6	117
29	Increases in the polychlorinated dibenzo-p-dioxin and -furan content of soils and vegetation since the 1840s. <i>Environmental Science &amp; Technology</i> , 1991, 25, 1619-1627.	4.6	115
30	Measurement of DDT Fluxes from a Historically Treated Agricultural Soil in Canada. <i>Environmental Science &amp; Technology</i> , 2006, 40, 4578-4585.	4.6	106
31	Field calibration of polyurethane foam (PUF) disk passive air samplers for PCBs and OC pesticides. <i>Environmental Pollution</i> , 2008, 156, 1290-1297.	3.7	105
32	Persistent Organic Pollutants (POPs) and Related Chemicals in the Global Environment: Some Personal Reflections. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9400-9412.	4.6	98
33	Diffusive gradients in thin-films (DGT) for in situ sampling of selected endocrine disrupting chemicals (EDCs) in waters. <i>Water Research</i> , 2018, 137, 211-219.	5.3	97
34	Passive air sampling for persistent organic pollutants: Introductory remarks to the special issue. <i>Environmental Pollution</i> , 2006, 144, 361-364.	3.7	96
35	Are Reductions in Industrial Organic Contaminants Emissions in Rich Countries Achieved Partly by Export of Toxic Wastes?. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9154-9160.	4.6	95
36	Formation of non-extractable pesticide residues: observations on compound differences, measurement and regulatory issues. <i>Environmental Pollution</i> , 2005, 133, 25-34.	3.7	91

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37	Evidence for Major Emissions of PCBs in the West African Region. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1349-1355.	4.6	90
38	Soil contamination in China: Current priorities, defining background levels and standards for heavy metals. <i>Journal of Environmental Management</i> , 2019, 251, 109512.	3.8	90
39	A Novel Analytical Approach for Visualizing and Tracking Organic Chemicals in Plants. <i>Environmental Science &amp; Technology</i> , 2004, 38, 4195-4199.	4.6	87
40	Contamination of Environmental Samples Prepared for PCB Analysis. <i>Environmental Science &amp; Technology</i> , 1994, 28, 1838-1842.	4.6	84
41	Factors Influencing the Soil-Air Partitioning and the Strength of Soils as a Secondary Source of Polychlorinated Biphenyls to the Atmosphere. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4785-4792.	4.6	84
42	DGT Passive Sampling for Quantitative in Situ Measurements of Compounds from Household and Personal Care Products in Waters. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13274-13281.	4.6	79
43	Has the Burden and Distribution of PCBs and PBDEs Changed in European Background Soils between 1998 and 2008? Implications for Sources and Processes. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7291-7297.	4.6	78
44	The presence of EU priority substances mercury, hexachlorobenzene, hexachlorobutadiene and PBDEs in wild fish from four English rivers. <i>Science of the Total Environment</i> , 2013, 461-462, 441-452.	3.9	74
45	The Origin and Significance of Short-Term Variability of Semivolatile Contaminants in Air. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3249-3253.	4.6	73
46	Trends in European Background Air Reflect Reductions in Primary Emissions of PCBs and PBDEs. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6760-6766.	4.6	73
47	Uptake and Storage of PCBs by Plant Cuticles. <i>Environmental Science &amp; Technology</i> , 2008, 42, 100-105.	4.6	68
48	Soil pollution at a major West African E-waste recycling site: Contamination pathways and implications for potential mitigation strategies. <i>Environment International</i> , 2020, 137, 105563.	4.8	67
49	Measuring and Modeling Short-Term Variability of PCBs in Air and Characterization of Urban Source Strength in Zurich, Switzerland. <i>Environmental Science &amp; Technology</i> , 2009, 43, 769-776.	4.6	63
50	Atlantic Ocean Surface Waters Buffer Declining Atmospheric Concentrations of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6978-6984.	4.6	63
51	A dynamic level IV multimedia environmental model: Application to the fate of polychlorinated biphenyls in the United Kingdom over a 60-year period. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 930-940.	2.2	62
52	Spatial distribution of atmospheric PAHs and PCNs along a north-south Atlantic transect. <i>Environmental Pollution</i> , 2004, 132, 173-181.	3.7	61
53	Evidence for Major Contributions of Unintentionally Produced PCBs in the Air of China: Implications for the National Source Inventory. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2163-2171.	4.6	60
54	Temporal Trends and Controlling Factors for Polychlorinated Biphenyls in the UK Atmosphere (1991-2008). <i>Environmental Science &amp; Technology</i> , 2010, 44, 8068-8074.	4.6	59

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55	Desorption Kinetics of Sulfonamide and Trimethoprim Antibiotics in Soils Assessed with Diffusive Gradients in Thin-Films. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5530-5536.	4.6	59
56	Interactions of multiwalled carbon nanotubes with algal cells: Quantification of association, visualization of uptake, and measurement of alterations in the composition of cells. <i>Environmental Pollution</i> , 2015, 196, 431-439.	3.7	58
57	Accumulation Parameters and Seasonal Trends for PCBs in Temperate and Boreal Forest Plant Species. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5911-5916.	4.6	56
58	Passive sampling: A cost-effective method for understanding antibiotic fate, behaviour and impact. <i>Environment International</i> , 2015, 85, 284-291.	4.8	56
59	Potential Contamination of Shipboard Air Samples by Diffusive Emissions of PCBs and Other Organic Pollutants: Implications and Solutions. <i>Environmental Science &amp; Technology</i> , 2004, 38, 3965-3970.	4.6	49
60	Assessment of flame retardants in river water using a ceramic dosimeter passive sampler. <i>Environmental Pollution</i> , 2013, 172, 163-169.	3.7	47
61	Particulate Matter Measurement Indoors: A Review of Metrics, Sensors, Needs, and Applications. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11644-11656.	4.6	47
62	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. <i>Chemosphere</i> , 1996, 32, 2345-2358.	4.2	46
63	PAHs in soils: contemporary UK data and evidence for potential contamination problems caused by exposure of samples to laboratory air. <i>Science of the Total Environment</i> , 1997, 203, 141-156.	3.9	45
64	Towards more ecologically realistic scenarios of plant uptake modelling for chemicals: PAHs in a small forest. <i>Science of the Total Environment</i> , 2015, 505, 329-337.	3.9	44
65	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2838-2845.	4.6	42
66	Air-Boreal Forest Transfer and Processing of Polychlorinated Biphenyls. <i>Environmental Science &amp; Technology</i> , 2009, 43, 5282-5289.	4.6	41
67	In situ measurement of solution concentrations and fluxes of sulfonamides and trimethoprim antibiotics in soils using o-DGT. <i>Talanta</i> , 2015, 132, 902-908.	2.9	41
68	Novel Method for <i>In Situ</i> Monitoring of Organophosphorus Flame Retardants in Waters. <i>Analytical Chemistry</i> , 2018, 90, 10016-10023.	3.2	40
69	Environmental Distributions of Benzo[a]pyrene in China: Current and Future Emission Reduction Scenarios Explored Using a Spatially Explicit Multimedia Fate Model. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13868-13877.	4.6	39
70	Peer Reviewed: Nonextractable Pesticide Residues in Soil. <i>Environmental Science &amp; Technology</i> , 2003, 37, 138A-144A.	4.6	38
71	Maximum reservoir capacity of vegetation for persistent organic pollutants: Implications for global cycling. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	38
72	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). <i>Chemosphere</i> , 2016, 163, 99-107.	4.2	38

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73	Observations on Historical, Contemporary, and Natural PCDD/Fs. <i>Environmental Science &amp; Technology</i> , 2004, 38, 715-723.	4.6	37
74	Remoteness from Emission Sources Explains the Fractionation Pattern of Polychlorinated Biphenyls in the Northern Hemisphere. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6183-6188.	4.6	37
75	How efficiently can HEPA purifiers remove priority fine and ultrafine particles from indoor air?. <i>Environment International</i> , 2020, 144, 106001.	4.8	34
76	Further Evidence for the Existence of PCDD/Fs in the Environment Prior to 1900. <i>Environmental Science &amp; Technology</i> , 2001, 35, 1974-1981.	4.6	31
77	The long shadow of our chemical past – High DDT concentrations in fish near a former agrochemicals factory in England. <i>Chemosphere</i> , 2016, 162, 333-344.	4.2	31
78	A new multimedia contaminant fate model for China: How important are environmental parameters in influencing chemical persistence and long-range transport potential?. <i>Environment International</i> , 2014, 69, 18-27.	4.8	30
79	A Multimedia Fate Model to Support Chemical Management in China: A Case Study for Selected Trace Organics. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7001-7009.	4.6	30
80	Development and Applications of Novel DGT Passive Samplers for Measuring 12 Per- and Polyfluoroalkyl Substances in Natural Waters and Wastewaters. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9548-9556.	4.6	30
81	Drivers of contaminant levels in surface water of China during 2000–2030: Relative importance for illustrative home and personal care product chemicals. <i>Environment International</i> , 2018, 115, 161-169.	4.8	28
82	Development of a Passive Sampling Technique for Measuring Pesticides in Waters and Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6397-6406.	2.4	28
83	Spatially Explicit Large-Scale Environmental Risk Assessment of Pharmaceuticals in Surface Water in China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2559-2569.	4.6	28
84	The significance of PCBs in the atmosphere of the southern hemisphere. <i>Environmental Science and Pollution Research</i> , 2001, 8, 189-194.	2.7	25
85	Identifying the Research and Infrastructure Needs for the Global Assessment of Hazardous Chemicals Ten Years after Establishing the Stockholm Convention. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7617-7619.	4.6	25
86	The TOMPs ambient air monitoring network – Continuous data on UK air quality for over 20 years. <i>Environmental Pollution</i> , 2016, 217, 42-51.	3.7	24
87	Investigating Potential Limitations of Current Diffusive Gradients in Thin Films (DGT) Samplers for Measuring Organic Chemicals. <i>Analytical Chemistry</i> , 2019, 91, 12835-12843.	3.2	24
88	Development and Application of the Diffusive Gradients in Thin-Films Technique for Measuring Psychiatric Pharmaceuticals in Natural Waters. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11223-11231.	4.6	23
89	A year-long passive sampling of phenolic endocrine disrupting chemicals in the East River, South China. <i>Environment International</i> , 2020, 143, 105936.	4.8	23
90	A comprehensive comparison and analysis of soil screening values derived and used in China and the UK. <i>Environmental Pollution</i> , 2020, 256, 113404.	3.7	21

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91	Use of the Dynamic Technique DGT to Determine the Labile Pool Size and Kinetic Resupply of Pesticides in Soils and Sediments. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9591-9600.	4.6	20
92	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. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11155-11164.	4.6	19
93	Bioavailability and metabolism in a soil-crop system compared using DGT and conventional extraction techniques. <i>Environment International</i> , 2019, 130, 104924.	4.8	18
94	Modeling of Flame Retardants in Typical Urban Indoor Environments in China during 2010–2030: Influence of Policy and Decoration and Implications for Human Exposure. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11745-11755.	4.6	18
95	Modeling the Time-Variant Dietary Exposure of PCBs in China over the Period 1930 to 2100. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7371-7379.	4.6	16
96	Applying Raman Microspectroscopy to Evaluate the Effects of Nutrient Cations on Alkane Bioavailability to <i>Acinetobacter baylyi</i> ADP1. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15800-15810.	4.6	15
97	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. <i>Chemosphere</i> , 2003, 50, 1183-1191.	4.2	14
98	Binding of waterborne pharmaceutical and personal care products to natural dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 784, 147208.	3.9	14
99	Decadal shifts in soil pH and organic matter differ between land uses in contrasting regions in China. <i>Science of the Total Environment</i> , 2020, 740, 139904.	3.9	13
100	The Global Legacy of POPs: Special Issue. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9397-9399.	4.6	12
101	Monitoring Organic Pollutants in Waters Using the Diffusive Gradients in the Thin Films Technique: Investigations on the Effects of Biofouling and Degradation. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7961-7969.	4.6	11
102	Evaluating the simulated toxicities of metal mixtures and hydrocarbons using the alkane degrading bioreporter <i>Acinetobacter baylyi</i> ADPWH_recA. <i>Journal of Hazardous Materials</i> , 2021, 419, 126471.	6.5	11
103	Critical assessment of an equilibrium-based method to study the binding of waterborne organic contaminants to natural dissolved organic matter (DOM). <i>Chemosphere</i> , 2021, 285, 131524.	4.2	10
104	China begins to position for leadership on responsible risk-based global chemicals management. <i>Environmental Pollution</i> , 2012, 165, 170-173.	3.7	8
105	Water Browning Controls Adaptation and Associated Trade-Offs in Phytoplankton Stressed by Chemical Pollution. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5569-5579.	4.6	8
106	DNA Methylation Biomarkers of IQ Reduction are Associated with Long-term Lead Exposure in School Aged Children in Southern China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 412-422.	4.6	8
107	Fate of 1,2,3,4,6,7,8-heptachlorodibenzofuran and pentachlorophenol during laboratory-scale anaerobic mesophilic sewage sludge digestion. <i>Chemosphere</i> , 2003, 50, 1227-1233.	4.2	6
108	Interrogating the Transient Selectivity of Bacterial Chemotaxis-Driven Affinity and Accumulation of Carbonaceous Substances via Raman Microspectroscopy. <i>Frontiers in Microbiology</i> , 2019, 10, 2215.	1.5	6



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109	Further development of a new flow-through directional passive air sampler for monitoring ambient nitrogen dioxide. <i>Journal of Environmental Monitoring</i> , 2010, 12, 635-641.	2.1	4
110	Ecological Memory of Historical Contamination Influences the Response of Phytoplankton Communities. <i>Ecosystems</i> , 2021, 24, 1591-1607.	1.6	3
111	Chemicals management and environmental assessment of chemicals in China. <i>Environmental Pollution</i> , 2012, 165, 169.	3.7	1
112	Editorial introducing <i>Environmental Science: Advances</i> . <i>Environmental Science Advances</i> , 2022, 1, 7-8.	1.0	0