

Crispin James Halsall

List of Publications by Year in descending order

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47
papers

2,689
citations

159585
30
h-index

214800
47
g-index

47
all docs

47
docs citations

47
times ranked

3367
citing authors

#	ARTICLE	IF	CITATIONS
1	Polychlorinated biphenyls (PCBs) in the British environment: Sinks, sources and temporal trends. <i>Environmental Pollution</i> , 1994, 85, 131-146.	7.5	221
2	Modelling the behaviour of PAHs during atmospheric transport from the UK to the Arctic. <i>Atmospheric Environment</i> , 2001, 35, 255-267.	4.1	184
3	The role of the global cryosphere in the fate of organic contaminants. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3271-3305.	4.9	128
4	Prioritising anticancer drugs for environmental monitoring and risk assessment purposes. <i>Science of the Total Environment</i> , 2014, 473-474, 159-170.	8.0	123
5	Atmospheric organochlorine pesticides in the western Canadian Arctic: Evidence of transpacific transport. <i>Journal of Geophysical Research</i> , 2000, 105, 11805-11811.	3.3	120
6	The influence of climate change on the global distribution and fate processes of anthropogenic persistent organic pollutants. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2854.	2.1	119
7	The importance of reactive oxygen species on the aqueous phototransformation of sulfonamide antibiotics: kinetics, pathways, and comparisons with direct photolysis. <i>Water Research</i> , 2019, 149, 243-250.	11.3	119
8	Levels and trends of poly- and perfluoroalkyl substances in the Arctic environment – An update. <i>Emerging Contaminants</i> , 2019, 5, 240-271.	4.9	117
9	Monoterpene emissions from soil in a Sitka spruce forest. <i>Atmospheric Environment</i> , 2001, 35, 4081-4087.	4.1	111
10	Investigating the occurrence of persistent organic pollutants (POPs) in the arctic: their atmospheric behaviour and interaction with the seasonal snow pack. <i>Environmental Pollution</i> , 2004, 128, 163-175.	7.5	95
11	Polychlorinated Naphthalenes and Coplanar Polychlorinated Biphenyls in Arctic Air. <i>Environmental Science & Technology</i> , 1998, 32, 3257-3265.	10.0	94
12	Accumulation of Perfluoroalkyl Compounds in Tibetan Mountain Snow: Temporal Patterns from 1980 to 2010. <i>Environmental Science & Technology</i> , 2014, 48, 173-181.	10.0	75
13	Systematic evidence maps as a novel tool to support evidence-based decision-making in chemicals policy and risk management. <i>Environment International</i> , 2019, 130, 104871.	10.0	75
14	Deposition of polycyclic aromatic hydrocarbons in the North Pacific and the Arctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5822-5829.	3.3	70
15	Implementing systematic review techniques in chemical risk assessment: Challenges, opportunities and recommendations. <i>Environment International</i> , 2016, 92-93, 556-564.	10.0	67
16	Temperature dependence of PCBs in the UK atmosphere. <i>Atmospheric Environment</i> , 1999, 33, 541-552.	4.1	65
17	Polyfluoroalkyl compounds in the Canadian Arctic atmosphere. <i>Environmental Chemistry</i> , 2011, 8, 399.	1.5	63
18	Changing sources and environmental factors reduce the rates of decline of organochlorine pesticides in the Arctic atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4033-4044.	4.9	62

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19	Volatile per- and polyfluoroalkyl compounds in the remote atmosphere of the western Antarctic Peninsula: an indirect source of perfluoroalkyl acids to Antarctic waters?. <i>Atmospheric Pollution Research</i> , 2012, 3, 450-455.	3.8	61
20	Recommendations for the conduct of systematic reviews in toxicology and environmental health research (COSTER). <i>Environment International</i> , 2020, 143, 105926.	10.0	57
21	Long-term trends in atmospheric concentrations of $\hat{1}\pm$ - and $\hat{1}^3$ -HCH in the Arctic provide insight into the effects of legislation and climatic fluctuations on contaminant levels. <i>Atmospheric Environment</i> , 2008, 42, 8225-8233.	4.1	56
22	A novel approach to investigating indoor/outdoor pollution links: Combined magnetic and PAH measurements. <i>Atmospheric Environment</i> , 2008, 42, 8902-8909.	4.1	56
23	Exploring the aquatic photodegradation of two ionisable fluoroquinolone antibiotics – Gatifloxacin and balofloxacin: Degradation kinetics, photobyproducts and risk to the aquatic environment. <i>Science of the Total Environment</i> , 2018, 633, 1192-1197.	8.0	56
24	Polychlorinated biphenyls (PCBs) as sentinels for the elucidation of Arctic environmental change processes: a comprehensive review combined with ArcRisk project results. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22499-22528.	5.3	47
25	Polychlorinated dibenzo-p-dioxins (PCDDs) and furans (PCDFs) in urban air and deposition in the United Kingdom. <i>Environmental Science and Pollution Research</i> , 1994, 1, 262-270.	5.3	43
26	Use and validation of novel snow samplers for hydrophobic, semi-volatile organic compounds (SVOCs). <i>Chemosphere</i> , 2004, 56, 227-235.	8.2	37
27	Field investigation into the diffusion of semi-volatile organic compounds into fresh and aged snow. <i>Atmospheric Environment</i> , 2006, 40, 1385-1393.	4.1	36
28	Climate change influence on the levels and trends of persistent organic pollutants (POPs) and chemicals of emerging Arctic concern (CEACs) in the Arctic physical environment – a review. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1577-1615.	3.5	36
29	Organochlorine pesticides and polychlorinated biphenyls in air and soil across Azerbaijan. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1953-1962.	5.3	34
30	Pesticides contaminated dust exposure, risk diagnosis and exposure markers in occupational and residential settings of Lahore, Pakistan. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 375-382.	4.0	32
31	The fate of per- and polyfluoroalkyl substances within a melting snowpack of a boreal forest. <i>Environmental Pollution</i> , 2014, 191, 190-198.	7.5	26
32	Modelling the fate of hydrophobic organic contaminants in a boreal forest catchment: A cross disciplinary approach to assessing diffuse pollution to surface waters. <i>Environmental Pollution</i> , 2010, 158, 2964-2969.	7.5	25
33	The legacy of persistent organic pollutants in Azerbaijan: an assessment of past use and current contamination. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1993-2008.	5.3	21
34	A comparative study on the aqueous photodegradation of two organophosphorus pesticides under simulated and natural sunlight. <i>Journal of Environmental Monitoring</i> , 2009, 11, 654.	2.1	18
35	Currently used pesticides, hexachlorobenzene and hexachlorocyclohexanes in the air and seawater of the German Bight (North Sea). <i>Environmental Chemistry</i> , 2012, 9, 405.	1.5	18
36	Impacts on human health in the Arctic owing to climate-induced changes in contaminant cycling – The EU ArcRisk project policy outcome. <i>Environmental Science and Policy</i> , 2015, 50, 200-213.	4.9	18

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37	Mechanistic Insight into the Uptake and Fate of Persistent Organic Pollutants in Sea Ice. <i>Environmental Science & Technology</i> , 2019, 53, 6757-6764.	10.0	16
38	Investigating the Uptake and Fate of Poly- and Perfluoroalkylated Substances (PFAS) in Sea Ice Using an Experimental Sea Ice Chamber. <i>Environmental Science & Technology</i> , 2021, 55, 9601-9608.	10.0	15
39	Effects of Dissolved Water Constituents on the Photodegradation of Fenitrothion and Diazinon. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 655-666.	2.4	14
40	Emission rates of C8–C15 VOCs from seaweed and sand in the inter-tidal zone at Mace Head, Ireland. <i>Atmospheric Environment</i> , 2002, 36, 5311-5321.	4.1	12
41	High Concentrations of Perfluoroalkyl Acids in Arctic Seawater Driven by Early Thawing Sea Ice. <i>Environmental Science & Technology</i> , 2021, 55, 11049-11059.	10.0	11
42	The aqueous photodegradation of fenitrothion under various agricultural plastics: Implications for pesticide longevity in agricultural “micro-environments”. <i>Chemosphere</i> , 2009, 76, 147-150.	8.2	10
43	A statistical comparison of survival and replacement analyses for the use of censored data in a contaminant air database: A case study from the Canadian Arctic. <i>Atmospheric Environment</i> , 2006, 40, 6528-6540.	4.1	9
44	A contemporary assessment of polybrominated diphenyl ethers (PBDE) in the ambient air and soil of Azerbaijan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31863-31873.	5.3	7
45	Assessing residual status and spatial variation of current-use pesticides under the influence of environmental factors in major cash crop growing areas of Pakistan. <i>Chemosphere</i> , 2018, 212, 486-496.	8.2	6
46	Sources, fate, behaviour and effects of organic chemicals at the regional and global scale. <i>Journal of Environmental Monitoring</i> , 2007, 9, 500.	2.1	2
47	Foreword. <i>Environmental Pollution</i> , 2009, 157, 3183-3184.	7.5	2