

# Alistair B A Boxall

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

7,219

citations

29

h-index

66

g-index

66

ext. papers

8,395

ext. citations

6.4

avg, IF

6.1

L-index

#	Paper	IF	Citations
63	Interactions Between Plastic, Microbial Biofilms and <i>Gammarus pulex</i> : An Initial Investigation.. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2022</b> , 108, 609	2.7	0
62	Pharmaceutical pollution of the world's rivers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	37
61	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. <i>Environmental Sciences Europe</i> , <b>2022</b> , 34, 21	5	2
60	Use of a large dataset to develop new models for estimating the sorption of active pharmaceutical ingredients in soils and sediments. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 415, 125688	12.8	4
59	TOWARDS A FRAMEWORK FOR ENVIRONMENTAL FATE AND EXPOSURE ASSESSMENT OF POLYMERS.. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	1
58	High Concentrations of Pharmaceuticals in a Nigerian River Catchment. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> ,	3.8	8
57	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 1485-1505	3.8	21
56	Evaluation and development of models for estimating the sorption behaviour of pharmaceuticals in soils. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 392, 122469	12.8	10
55	Evaluation of Existing Models to Estimate Sorption Coefficients for Ionisable Pharmaceuticals in Soils and Sludge. <i>Toxics</i> , <b>2020</b> , 8,	4.7	3
54	Environmental pollution from pet parasiticides. <i>Veterinary Record</i> , <b>2020</b> , 186, 97	0.9	5
53	Characterization of the Nairobi River catchment impact zone and occurrence of pharmaceuticals: Implications for an impact zone inclusive environmental risk assessment. <i>Science of the Total Environment</i> , <b>2020</b> , 703, 134925	10.2	20
52	Ecological Risk Dynamics of Pharmaceuticals in Micro-Estuary Environments. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11182-11190	10.3	6
51	A Novel Method to Characterise Levels of Pharmaceutical Pollution in Large-Scale Aquatic Monitoring Campaigns. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1368	2.6	19
50	Emerging investigator series: towards a framework for establishing the impacts of pharmaceuticals in wastewater irrigation systems on agro-ecosystems and human health. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 605-622	4.3	28
49	The Impacts of Pollution for New High-Speed Railways: the Case of Noise in Turkey. <i>Acoustics Australia</i> , <b>2019</b> , 47, 141-151	1.4	2
48	Toward Sustainable Environmental Quality: Priority Research Questions for North America. <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 1606-1624	3.8	29
47	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. <i>Integrated Environmental Assessment and Management</i> , <b>2019</b> , 15, 917-935	2.5	11

46	Temporal and spatial variation in pharmaceutical concentrations in an urban river system. <i>Water Research</i> , <b>2018</b> , 137, 72-85	12.5	87
45	Fate, uptake, and distribution of nanoencapsulated pesticides in soil-earthworm systems and implications for environmental risk assessment. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 1420-1429	3.8	23
44	Emission and fate modelling framework for engineered nanoparticles in urban aquatic systems at high spatial and temporal resolution. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 533-543	7.1	18
43	Application of prioritization approaches to optimize environmental monitoring and testing of pharmaceuticals. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2018</b> , 21, 115-141	8.6	30
42	Toward sustainable environmental quality: Identifying priority research questions for Latin America. <i>Integrated Environmental Assessment and Management</i> , <b>2018</b> , 14, 344-357	2.5	52
41	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 2281-2295	3.8	68
40	Factors affecting the dissipation of pharmaceuticals in freshwater sediments. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 829-838	3.8	9
39	A High-Resolution Spatial Model to Predict Exposure to Pharmaceuticals in European Surface Waters: ePiE. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 12494-12503	10.3	26
38	Microplastics in the aquatic environment: Evidence for or against adverse impacts and major knowledge gaps. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 2776-2796	3.8	267
37	Pharmaceuticals in the Environment and Human Health <b>2018</b> , 123-136		1
36	Prioritization of pharmaceuticals based on risks to aquatic environments in Kazakhstan. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 832-839	2.5	9
35	Novel Approach for Characterizing pH-Dependent Uptake of Ionizable Chemicals in Aquatic Organisms. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6965-6971	10.3	28
34	Determination of pharmaceuticals in freshwater sediments using ultrasonic-assisted extraction with SPE clean-up and HPLC-DAD or LC-ESI-MS/MS detection. <i>Analytical Methods</i> , <b>2017</b> , 9, 4190-4200	3.2	12
33	Three methods for integration of environmental risk into the benefit-risk assessment of veterinary medicinal products. <i>Science of the Total Environment</i> , <b>2017</b> , 605-606, 692-701	10.2	1
32	Are exposure predictions, used for the prioritization of pharmaceuticals in the environment, fit for purpose?. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 2823-2832	3.8	24
31	Does Uptake of Pharmaceuticals Vary Across Earthworm Species?. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 316-22	2.7	12
30	Effects of Antibiotics on the Growth and Physiology of Chlorophytes, Cyanobacteria, and a Diatom. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2016</b> , 71, 589-602	3.2	37
29	Risk-based prioritization of pharmaceuticals in the natural environment in Iraq. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 15712-26	5.1	32

28	Toxicological and ecotoxicological risk-based prioritization of pharmaceuticals in the natural environment. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1550-9	3.8	71
27	Routes of uptake of diclofenac, fluoxetine, and triclosan into sediment-dwelling worms. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 836-42	3.8	25
26	An in vitro method for determining the bioaccessibility of pharmaceuticals in wildlife. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2349-57	3.8	7
25	Comparing the sensitivity of chlorophytes, cyanobacteria, and diatoms to major-use antibiotics. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2587-2596	3.8	31
24	Impacts of compound properties and sediment characteristics on the sorption behaviour of pharmaceuticals in aquatic systems. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 317, 198-209	12.8	48
23	Effects of soil properties on the uptake of pharmaceuticals into earthworms. <i>Environmental Pollution</i> , <b>2016</b> , 213, 922-931	9.3	29
22	Interspecies variation in the risks of metals to bats. <i>Environmental Pollution</i> , <b>2015</b> , 206, 209-16	9.3	12
21	Do Pharmaceuticals Pose a Threat to Primary Producers?. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2015</b> , 45, 2565-2610	11.1	41
20	Do particle size and surface functionality affect uptake and depuration of gold nanoparticles by aquatic invertebrates?. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 850-9	3.8	14
19	Fate and uptake of pharmaceuticals in soil-earthworm systems. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 5955-63	10.3	64
18	Nanopesticides: guiding principles for regulatory evaluation of environmental risks. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 4227-40	5.7	210
17	Minimised bioconcentration tests: a useful tool for assessing chemical uptake into terrestrial and aquatic invertebrates?. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 13497-503	10.3	12
16	International scientists' priorities for research on pharmaceutical and personal care products in the environment. <i>Integrated Environmental Assessment and Management</i> , <b>2014</b> , 10, 576-87	2.5	76
15	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	98
14	Effects of environmental conditions on latex degradation in aquatic systems. <i>Science of the Total Environment</i> , <b>2013</b> , 447, 225-34	10.2	62
13	Environmental fate of processed natural rubber latex. <i>Environmental Sciences: Processes and Impacts</i> , <b>2013</b> , 15, 1359-68	4.3	11
12	Do natural rubber latex condoms pose a risk to aquatic systems?. <i>Environmental Sciences: Processes and Impacts</i> , <b>2013</b> , 15, 2312-20	4.3	3
11	The role of the natural environment in the emergence of antibiotic resistance in gram-negative bacteria. <i>Lancet Infectious Diseases</i> , <b>2013</b> , 13, 155-65	25.5	673

10	Uptake and depuration of pharmaceuticals in aquatic invertebrates. <i>Environmental Pollution</i> , <b>2012</b> , 165, 250-8	9.3	137
9	Environmental Fate of Human Pharmaceuticals. <i>Emerging Topics in Ecotoxicology</i> , <b>2012</b> , 63-83		5
8	Pharmaceuticals and personal care products in the environment: what are the big questions?. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 1221-9	8.4	830
7	Factors affecting the degradation of pharmaceuticals in agricultural soils. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 2546-54	3.8	134
6	Runoff of pharmaceuticals and personal care products following application of biosolids to an agricultural field. <i>Science of the Total Environment</i> , <b>2008</b> , 396, 52-9	10.2	170
5	A global perspective on the use, sales, exposure pathways, occurrence, fate and effects of veterinary antibiotics (VAs) in the environment. <i>Chemosphere</i> , <b>2006</b> , 65, 725-59	8.4	2189
4	When synthetic chemicals degrade in the environment. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 368A-375A	10.3	224
3	Ultrasonic extraction of veterinary antibiotics from soils and pig slurry with SPE clean-up and LC-UV and fluorescence detection. <i>Talanta</i> , <b>2004</b> , 64, 1058-64	6.2	145
2	Are veterinary medicines causing environmental risks?. <i>Environmental Science &amp; Technology</i> , <b>2003</b> , 37, 286A-294A	10.3	585
1	The sorption and transport of a sulphonamide antibiotic in soil systems. <i>Toxicology Letters</i> , <b>2002</b> , 131, 19-28	4.4	359