

Jonathan B Sallach

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.

29
papers

498
citations

11
h-index

22
g-index

30
ext. papers

690
ext. citations

7
avg, IF

4.05
L-index

#	Paper	IF	Citations
29	Emerging Contaminant Exposure To Aquatic Systems In The Southern African Developmental Community.. <i>Environmental Toxicology and Chemistry</i> , 2022 ,	3.8	1
28	Predicting crop root concentration factors of organic contaminants with machine learning models. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127437	12.8	1
27	NaCl salinity enhances tetracycline bioavailability to Escherichia coli on agar surfaces.. <i>Chemosphere</i> , 2022 , 302, 134921	8.4	0
26	Uptake kinetics and accumulation of pesticides in wheat (<i>Triticum aestivum</i> L.): Impact of chemical and plant properties. <i>Environmental Pollution</i> , 2021 , 275, 116637	9.3	9
25	An Automated Methodology for Non-targeted Compositional Analysis of Small Molecules in High Complexity Environmental Matrices Using Coupled Ultra Performance Liquid Chromatography Orbitrap Mass Spectrometry. <i>Environmental Science & Technology</i> , 2021 , 55, 7365-7375	10.3	4
24	Investigating the exposure and impact of chemical UV filters on coral reef ecosystems: Review and research gap prioritization. <i>Integrated Environmental Assessment and Management</i> , 2021 , 17, 967-981	2.5	1
23	Natural organic matter does not diminish the mammalian bioavailability of 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Chemosphere</i> , 2021 , 264, 128420	8.4	1
22	Synthesis and evaluation of FeO-impregnated activated carbon for dioxin removal. <i>Chemosphere</i> , 2021 , 263, 128263	8.4	4
21	Metabolomic Approaches to Studying the Response to Drought Stress in Corn () Cobs. <i>Metabolites</i> , 2021 , 11,	5.6	2
20	The emerging threat of human-use antifungals in sustainable and circular agriculture schemes. <i>Plants People Planet</i> , 2021 , 3, 685	4.1	2
19	TOWARDS A FRAMEWORK FOR ENVIRONMENTAL FATE AND EXPOSURE ASSESSMENT OF POLYMERS.. <i>Environmental Toxicology and Chemistry</i> , 2021 ,	3.8	1
18	Direct Prediction of Bioaccumulation of Organic Contaminants in Plant Roots from Soils with Machine Learning Models Based on Molecular Structures. <i>Environmental Science & Technology</i> , 2021 ,	10.3	4
17	Uptake and Effects of Pharmaceuticals in the Soil-Plant-Earthworm System. <i>Handbook of Environmental Chemistry</i> , 2020 , 175	0.8	2
16	Bioavailability of clay-adsorbed dioxin to <i>Sphingomonas wittichii</i> RW1 and its associated genome-wide shifts in gene expression. <i>Science of the Total Environment</i> , 2020 , 712, 135525	10.2	4
15	Whole-cell paper strip biosensors to semi-quantify tetracycline antibiotics in environmental matrices. <i>Biosensors and Bioelectronics</i> , 2020 , 168, 112528	11.8	12
14	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2020). <i>Water Environment Research</i> , 2020 , 92, 1741-1750	2.8	5
13	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2019). <i>Water Environment Research</i> , 2019 , 91, 1103-1113	2.8	17

12	Mechanistic study on uptake and transport of pharmaceuticals in lettuce from water. <i>Environment International</i> , 2019 , 131, 104976	12.9	48
11	Insight into the distribution of pharmaceuticals in soil-water-plant systems. <i>Water Research</i> , 2019 , 152, 38-46	12.5	84
10	Activated carbons of varying pore structure eliminate the bioavailability of 2,3,7,8-tetrachlorodibenzo-p-dioxin to a mammalian (mouse) model. <i>Science of the Total Environment</i> , 2019 , 650, 2231-2238	10.2	6
9	Potential metabolism of pharmaceuticals in radish: Comparison of in vivo and in vitro exposure. <i>Environmental Pollution</i> , 2018 , 242, 962-969	9.3	22
8	Sequestration of 2,3,7,8-tetrachlorodibenzo-p-dioxin by activated carbon eliminates bioavailability and the suppression of immune function in mice. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2671-2678	3.8	7
7	TCDD administered on activated carbon eliminates bioavailability and subsequent shifts to a key murine gut commensal. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 7409-7415	5.7	6
6	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2017 , 89, 897-920	2.8	21
5	Effects of soil texture and drought stress on the uptake of antibiotics and the internalization of Salmonella in lettuce following wastewater irrigation. <i>Environmental Pollution</i> , 2016 , 208, 523-31	9.3	37
4	Development and comparison of four methods for the extraction of antibiotics from a vegetative matrix. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 889-97	3.8	12
3	Challenges in the Measurement of Antibiotics and in Evaluating Their Impacts in Agroecosystems: A Critical Review. <i>Journal of Environmental Quality</i> , 2016 , 45, 407-19	3.4	74
2	Antibiotics and Antibiotic Resistance in Agroecosystems: State of the Science. <i>Journal of Environmental Quality</i> , 2016 , 45, 394-406	3.4	83
1	Concomitant uptake of antimicrobials and Salmonella in soil and into lettuce following wastewater irrigation. <i>Environmental Pollution</i> , 2015 , 197, 269-277	9.3	27