

# Jonathan B Sallach

## List of Publications by Citations

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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	Insight into the distribution of pharmaceuticals in soil-water-plant systems. <i>Water Research</i> , <b>2019</b> , 152, 38-46	12.5	84
28	Antibiotics and Antibiotic Resistance in Agroecosystems: State of the Science. <i>Journal of Environmental Quality</i> , <b>2016</b> , 45, 394-406	3.4	83
27	Challenges in the Measurement of Antibiotics and in Evaluating Their Impacts in Agroecosystems: A Critical Review. <i>Journal of Environmental Quality</i> , <b>2016</b> , 45, 407-19	3.4	74
26	Mechanistic study on uptake and transport of pharmaceuticals in lettuce from water. <i>Environment International</i> , <b>2019</b> , 131, 104976	12.9	48
25	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> , <b>2016</b> , 208, 523-31	9.3	37
24	Concomitant uptake of antimicrobials and Salmonella in soil and into lettuce following wastewater irrigation. <i>Environmental Pollution</i> , <b>2015</b> , 197, 269-277	9.3	27
23	Potential metabolism of pharmaceuticals in radish: Comparison of in vivo and in vitro exposure. <i>Environmental Pollution</i> , <b>2018</b> , 242, 962-969	9.3	22
22	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , <b>2017</b> , 89, 897-920	2.8	21
21	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2019). <i>Water Environment Research</i> , <b>2019</b> , 91, 1103-1113	2.8	17
20	Whole-cell paper strip biosensors to semi-quantify tetracycline antibiotics in environmental matrices. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 168, 112528	11.8	12
19	Development and comparison of four methods for the extraction of antibiotics from a vegetative matrix. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 889-97	3.8	12
18	Uptake kinetics and accumulation of pesticides in wheat ( <i>Triticum aestivum</i> L.): Impact of chemical and plant properties. <i>Environmental Pollution</i> , <b>2021</b> , 275, 116637	9.3	9
17	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> , <b>2017</b> , 36, 2671-2678	3.8	7
16	TCDD administered on activated carbon eliminates bioavailability and subsequent shifts to a key murine gut commensal. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 7409-7415	5.7	6
15	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> , <b>2019</b> , 650, 2231-2238	10.2	6
14	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2020). <i>Water Environment Research</i> , <b>2020</b> , 92, 1741-1750	2.8	5
13	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> , <b>2020</b> , 712, 135525	10.2	4

12	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 &amp; Technology</i> , <b>2021</b> , 55, 7365-7375	10.3	4
11	Synthesis and evaluation of FeO-impregnated activated carbon for dioxin removal. <i>Chemosphere</i> , <b>2021</b> , 263, 128263	8.4	4
10	Direct Prediction of Bioaccumulation of Organic Contaminants in Plant Roots from Soils with Machine Learning Models Based on Molecular Structures. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	4
9	Uptake and Effects of Pharmaceuticals in the Soil-Plant-Earthworm System. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 175	0.8	2
8	Metabolomic Approaches to Studying the Response to Drought Stress in Corn () Cobs. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	2
7	The emerging threat of human-use antifungals in sustainable and circular agriculture schemes. <i>Plants People Planet</i> , <b>2021</b> , 3, 685	4.1	2
6	Emerging Contaminant Exposure To Aquatic Systems In The Southern African Developmental Community.. <i>Environmental Toxicology and Chemistry</i> , <b>2022</b> ,	3.8	1
5	Predicting crop root concentration factors of organic contaminants with machine learning models. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127437	12.8	1
4	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> , <b>2021</b> , 17, 967-981	2.5	1
3	Natural organic matter does not diminish the mammalian bioavailability of 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Chemosphere</i> , <b>2021</b> , 264, 128420	8.4	1
2	TOWARDS A FRAMEWORK FOR ENVIRONMENTAL FATE AND EXPOSURE ASSESSMENT OF POLYMERS.. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	1
1	NaCl salinity enhances tetracycline bioavailability to Escherichia coli on agar surfaces.. <i>Chemosphere</i> , <b>2022</b> , 302, 134921	8.4	0