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List of Publications by Year in descending order

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72
papers

4,152
citations

147801

31
h-index

118850

62
g-index

90
all docs

90
docs citations

90
times ranked

4080
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Risks and Challenges Associated with Neonicotinoid Insecticides. <i>Environmental Science & Technology</i> , 2018, 52, 3329-3335.	10.0	316
2	Widespread occurrence of neonicotinoid insecticides in streams in a high corn and soybean producing region, USA. <i>Environmental Pollution</i> , 2014, 193, 189-196.	7.5	297
3	Expanded Target-Chemical Analysis Reveals Extensive Mixed-Organic-Contaminant Exposure in U.S. Streams. <i>Environmental Science & Technology</i> , 2017, 51, 4792-4802.	10.0	245
4	Occurrence of Neonicotinoid Insecticides in Finished Drinking Water and Fate during Drinking Water Treatment. <i>Environmental Science and Technology Letters</i> , 2017, 4, 168-173.	8.7	206
5	A critical review on the potential impacts of neonicotinoid insecticide use: current knowledge of environmental fate, toxicity, and implications for human health. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1315-1346.	3.5	187
6	Exposure of native bees foraging in an agricultural landscape to current-use pesticides. <i>Science of the Total Environment</i> , 2016, 542, 469-477.	8.0	177
7	First national-scale reconnaissance of neonicotinoid insecticides in streams across the USA. <i>Environmental Chemistry</i> , 2016, 13, 12.	1.5	170
8	Occurrence and Potential Sources of Pyrethroid Insecticides in Stream Sediments from Seven U.S. Metropolitan Areas. <i>Environmental Science & Technology</i> , 2012, 46, 4297-4303.	10.0	163
9	Urban Stormwater: An Overlooked Pathway of Extensive Mixed Contaminants to Surface and Groundwaters in the United States. <i>Environmental Science & Technology</i> , 2019, 53, 10070-10081.	10.0	149
10	Year-round presence of neonicotinoid insecticides in tributaries to the Great Lakes, USA. <i>Environmental Pollution</i> , 2018, 235, 1022-1029.	7.5	116
11	Complex mixtures of dissolved pesticides show potential aquatic toxicity in a synoptic study of Midwestern U.S. streams. <i>Science of the Total Environment</i> , 2018, 613-614, 1469-1488.	8.0	116
12	Pesticide concentrations in frog tissue and wetland habitats in a landscape dominated by agriculture. <i>Science of the Total Environment</i> , 2015, 502, 80-90.	8.0	115
13	Discharges of produced waters from oil and gas extraction via wastewater treatment plants are sources of disinfection by-products to receiving streams. <i>Science of the Total Environment</i> , 2014, 466-467, 1085-1093.	8.0	109
14	Increasing neonicotinoid use and the declining butterfly fauna of lowland California. <i>Biology Letters</i> , 2016, 12, 20160475.	2.3	97
15	Assessing the Occurrence and Distribution of Pyrethroids in Water and Suspended Sediments. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9079-9085.	5.2	78
16	Neutral chloroacetamide herbicide degradates and related compounds in Midwestern United States drinking water sources. <i>Science of the Total Environment</i> , 2008, 390, 155-165.	8.0	73
17	A Multi-residue Method for the Analysis of Pesticides and Pesticide Degradates in Water Using HLB Solid-phase Extraction and Gas Chromatography–Ion Trap Mass Spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 139-144.	2.7	71
18	Chlorinated Byproducts of Neonicotinoids and Their Metabolites: An Unrecognized Human Exposure Potential?. <i>Environmental Science and Technology Letters</i> , 2019, 6, 98-105.	8.7	70

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19	Bifenthrin Causes Trophic Cascade and Altered Insect Emergence in Mesocosms: Implications for Small Streams. <i>Environmental Science & Technology</i> , 2016, 50, 11974-11983.	10.0	61
20	Are Neutral Chloroacetamide Herbicide Degradates of Potential Environmental Concern? Analysis and Occurrence in the Upper Chesapeake Bay. <i>Environmental Science & Technology</i> , 2005, 39, 6561-6574.	10.0	58
21	Pyrethroid insecticide concentrations and toxicity in streambed sediments and loads in surface waters of the San Joaquin Valley, California, USA. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 813-823.	4.3	57
22	Beyond neonicotinoids – Wild pollinators are exposed to a range of pesticides while foraging in agroecosystems. <i>Science of the Total Environment</i> , 2020, 742, 140436.	8.0	50
23	Neutral degradates of chloroacetamide herbicides: Occurrence in drinking water and removal during conventional water treatment. <i>Water Research</i> , 2008, 42, 4905-4914.	11.3	49
24	Pyrethroid insecticides in bed sediments from urban and agricultural streams across the United States. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1838.	2.1	48
25	Storm-event-transport of urban-use pesticides to streams likely impairs invertebrate assemblages. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 345.	2.7	48
26	The effects of fipronil and the photodegradation product fipronil desulfinyl on growth and gene expression in juvenile blue crabs, <i>Callinectes sapidus</i> , at different salinities. <i>Aquatic Toxicology</i> , 2017, 186, 96-104.	4.0	47
27	Organic geochemistry and toxicology of a stream impacted by unconventional oil and gas wastewater disposal operations. <i>Applied Geochemistry</i> , 2017, 80, 155-167.	3.0	46
28	Toxicokinetics of Imidacloprid-Coated Wheat Seeds in Japanese Quail (<i>Coturnix japonica</i>) and an Evaluation of Hazard. <i>Environmental Science & Technology</i> , 2019, 53, 3888-3897.	10.0	46
29	Removal of neutral chloroacetamide herbicide degradates during simulated unit processes for drinking water treatment. <i>Water Research</i> , 2005, 39, 5033-5044.	11.3	44
30	Reconnaissance of Mixed Organic and Inorganic Chemicals in Private and Public Supply Tapwaters at Selected Residential and Workplace Sites in the United States. <i>Environmental Science & Technology</i> , 2018, 52, 13972-13985.	10.0	41
31	Neonicotinoid insecticide removal by prairie strips in row-cropped watersheds with historical seed coating use. <i>Agriculture, Ecosystems and Environment</i> , 2017, 241, 160-167.	5.3	37
32	Biofilms Provide New Insight into Pesticide Occurrence in Streams and Links to Aquatic Ecological Communities. <i>Environmental Science & Technology</i> , 2020, 54, 5509-5519.	10.0	34
33	Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. <i>Science of the Total Environment</i> , 2020, 719, 137236.	8.0	32
34	Differences in Neonicotinoid and Metabolite Sorption to Activated Carbon Are Driven by Alterations to the Insecticidal Pharmacophore. <i>Environmental Science & Technology</i> , 2020, 54, 14694-14705.	10.0	29
35	Exploring the amphibian exposome in an agricultural landscape using telemetry and passive sampling. <i>Scientific Reports</i> , 2018, 8, 10045.	3.3	28
36	Dairy-Impacted Wastewater Is a Source of Iodinated Disinfection Byproducts in the Environment. <i>Environmental Science and Technology Letters</i> , 2016, 3, 190-193.	8.7	27

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37	Leaching and sorption of neonicotinoid insecticides and fungicides from seed coatings. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 176-183.	1.5	27
38	Occurrence of Dichloroacetamide Herbicide Safeners and Co-Applied Herbicides in Midwestern U.S. Streams. <i>Environmental Science and Technology Letters</i> , 2018, 5, 3-8.	8.7	26
39	Pesticide exposure of wild bees and honey bees foraging from field border flowers in intensively managed agriculture areas. <i>Science of the Total Environment</i> , 2022, 831, 154697.	8.0	24
40	Concentrations and loads of suspended sediment-associated pesticides in the San Joaquin River, California and tributaries during storm events. <i>Science of the Total Environment</i> , 2009, 408, 356-364.	8.0	23
41	Nitrapyrin in Streams: The First Study Documenting Off-Field Transport of a Nitrogen Stabilizer Compound. <i>Environmental Science and Technology Letters</i> , 2016, 3, 387-392.	8.7	23
42	Exposure and potential effects of pesticides and pharmaceuticals in protected streams of the US National park Service southeast region. <i>Science of the Total Environment</i> , 2020, 704, 135431.	8.0	23
43	Uptake, Metabolism, and Elimination of Fungicides from Coated Wheat Seeds in Japanese Quail (<i>Coturnix japonica</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1514-1524.	5.2	23
44	Widespread Use of the Nitrification Inhibitor Nitrapyrin: Assessing Benefits and Costs to Agriculture, Ecosystems, and Environmental Health. <i>Environmental Science & Technology</i> , 2021, 55, 1345-1353.	10.0	23
45	Environmental and anthropogenic drivers of contaminants in agricultural watersheds with implications for land management. <i>Science of the Total Environment</i> , 2021, 774, 145687.	8.0	23
46	Fate and transport of nitrapyrin in agroecosystems: Occurrence in agricultural soils, subsurface drains, and receiving streams in the Midwestern US. <i>Science of the Total Environment</i> , 2019, 650, 2830-2841.	8.0	22
47	Widespread occurrence and potential for biodegradation of bioactive contaminants in Congaree National Park, USA. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3045-3056.	4.3	21
48	Analysis of Chlorothalonil and Three Degradates in Sediment and Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2310-2314.	5.2	20
49	Management of Arthropod Pathogen Vectors in North America: Minimizing Adverse Effects on Pollinators. <i>Journal of Medical Entomology</i> , 2017, 54, 1463-1475.	1.8	20
50	Cross-Ecosystem Fluxes of Pesticides from Prairie Wetlands Mediated by Aquatic Insect Emergence: Implications for Terrestrial Insectivores. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2282-2296.	4.3	20
51	Spatiotemporal variation in occurrence and co-occurrence of pesticides, hormones, and other organic contaminants in rivers in the Chesapeake Bay Watershed, United States. <i>Science of the Total Environment</i> , 2020, 728, 138765.	8.0	19
52	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. <i>Environment International</i> , 2021, 152, 106487.	10.0	18
53	Esfenvalerate toxicity to the cladoceran <i>Ceriodaphnia dubia</i> in the presence of green algae, <i>Pseudokirchneriella subcapitata</i> . <i>Ecotoxicology</i> , 2012, 21, 2409-2418.	2.4	17
54	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. <i>Science of the Total Environment</i> , 2021, 788, 147721.	8.0	17

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55	Prevalence of neonicotinoids and sulfoxaflor in alluvial aquifers in a high corn and soybean producing region of the Midwestern United States. <i>Science of the Total Environment</i> , 2021, 782, 146762.	8.0	16
56	Uptake and toxicity of clothianidin to monarch butterflies from milkweed consumption. <i>PeerJ</i> , 2020, 8, e8669.	2.0	16
57	Salinity Changes the Dynamics of Pyrethroid Toxicity in Terms of Behavioral Effects on Newly Hatched Delta Smelt Larvae. <i>Toxics</i> , 2021, 9, 40.	3.7	15
58	Watershed-Scale Risk to Aquatic Organisms from Complex Chemical Mixtures in the Shenandoah River. <i>Environmental Science & Technology</i> , 2022, 56, 845-861.	10.0	14
59	Impact of wastewater infrastructure upgrades on the urban water cycle: Reduction in halogenated reaction byproducts following conversion from chlorine gas to ultraviolet light disinfection. <i>Science of the Total Environment</i> , 2015, 529, 264-274.	8.0	11
60	Effects of the Neonicotinoid Insecticide Clothianidin on Southern Leopard Frog (<i>Rana sphenoccephala</i>) Tadpole Behavior. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 717-722.	2.7	11
61	Evaluation of ELISA for the analysis of imidacloprid in biological matrices: Cross-reactivities, matrix interferences, and comparison to LC-MS/MS. <i>Chemosphere</i> , 2022, 286, 131746.	8.2	7
62	Effects of two fungicide formulations on microbial and macroinvertebrate leaf decomposition under laboratory conditions. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2834-2844.	4.3	6
63	Highlighting the complexities of a groundwater pilot study during an avian influenza outbreak: Methods, lessons learned, and select contaminant results. <i>Environmental Research</i> , 2017, 158, 212-224.	7.5	5
64	Exploring Biophysical Linkages between Coastal Forestry Management Practices and Aquatic Bivalve Contaminant Exposure. <i>Toxics</i> , 2021, 9, 46.	3.7	4
65	Cyprosulfamide: Analysis of the Herbicide Safener and Two of Its Degradates in Surface Water and Groundwater from the Midwestern United States. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 355-361.	2.3	4
66	Juvenile African Clawed Frogs (<i>Xenopus laevis</i>) Express Growth, Metamorphosis, Mortality, Gene Expression, and Metabolic Changes When Exposed to Thiamethoxam and Clothianidin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13291.	4.1	4
67	Occurrence of Pyrethroids in Bed and Suspended Sediments in California. <i>ACS Symposium Series</i> , 2008, , 55-71.	0.5	3
68	Review of and Recommendations for Monitoring Contaminants and their Effects in the San Francisco BayâDelta. <i>San Francisco Estuary and Watershed Science</i> , 2019, 17, .	0.4	3
69	The silence of the clams: Forestry registered pesticides as multiple stressors on soft-shell clams. <i>Science of the Total Environment</i> , 2021, , 152053.	8.0	2
70	Siteâand individualâlevel contamination affects infection prevalence of an emerging infectious disease of amphibians. <i>Environmental Toxicology and Chemistry</i> , 2022, , .	4.3	1
71	Assessing the ecological functionality and integrity of natural ponds, excavated ponds and stormwater basins for conserving amphibian diversity. <i>Global Ecology and Conservation</i> , 2021, 30, e01765.	2.1	0
72	Exposure to crop production alters cecal prokaryotic microbiota, inflates virulome and resistome in wild prairie grouse. <i>Environmental Pollution</i> , 2022, 306, 119418.	7.5	0