

Christopher J Salice

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,157
citations

361045

20
h-index

414034

32
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docs citations

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times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State-of-the Science and a Proposed Path Forward. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 564-605.	2.2	166
2	Ecological risk of anthropogenic pollutants to reptiles: Evaluating assumptions of sensitivity and exposure. <i>Environmental Pollution</i> , 2010, 158, 3596-3606.	3.7	86
3	The pros and cons of ecological risk assessment based on data from different levels of biological organization. <i>Critical Reviews in Toxicology</i> , 2016, 46, 756-784.	1.9	83
4	Environmental Fate and Effects of Dichloroacetamide Herbicide Safeners: Inert yet Biologically Active Agrochemical Ingredients. <i>Environmental Science and Technology Letters</i> , 2015, 2, 260-269.	3.9	49
5	Resistance to cadmium and parasite infection are inversely related in two strains of a freshwater gastropod. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1398-1403.	2.2	47
6	Improving reptile ecological risk assessment: Oral and dermal toxicity of pesticides to a common lizard species (<i>Sceloporus occidentalis</i>). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1778-1786.	2.2	43
7	Temporal monitoring of perfluorooctane sulfonate accumulation in aquatic biota downstream of historical aqueous film forming foam use areas. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2022-2029.	2.2	42
8	Per- and Polyfluoroalkyl Substances (PFAS) in Surface Water Near US Air Force Bases: Prioritizing Individual Chemicals and Mixtures for Toxicity Testing and Risk Assessment. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 871-882.	2.2	41
9	Multiple stressors and complex life cycles: Insights from a population-level assessment of breeding site contamination and terrestrial habitat loss in an amphibian. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2874-2882.	2.2	40
10	High tolerance to abiotic stressors and invasion success of the slow growing freshwater snail, <i>Melanooides tuberculatus</i> . <i>Biological Invasions</i> , 2012, 14, 385-394.	1.2	39
11	Adaptive responses and latent costs of multigeneration cadmium exposure in parasite resistant and susceptible strains of a freshwater snail. <i>Ecotoxicology</i> , 2010, 19, 1466-1475.	1.1	35
12	Chronic Reproductive Toxicity of Perfluorooctane Sulfonic Acid and a Simple Mixture of Perfluorooctane Sulfonic Acid and Perfluorohexane Sulfonic Acid to Northern Bobwhite Quail (<i>Colinus virginianus</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1101-1111.	2.2	30
13	Ecological risk assessment of perfluorooctane sulfonate to aquatic fauna from a bayou adjacent to former fire training areas at a US Air Force installation. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2198-2209.	2.2	28
14	Unraveling the Relative Importance of Oral and Dermal Contaminant Exposure in Reptiles: Insights from Studies Using the Western Fence Lizard (<i>Sceloporus occidentalis</i>). <i>PLoS ONE</i> , 2014, 9, e99666.	1.1	28
15	Transgenerational cross-tolerance to stress: parental exposure to predators increases offspring contaminant tolerance. <i>Ecotoxicology</i> , 2013, 22, 854-861.	1.1	25
16	Multiple Stressors and Amphibians: Contributions of Adverse Health Effects and Altered Hydroperiod to Population Decline and Extinction. <i>Journal of Herpetology</i> , 2012, 46, 675-681.	0.2	24
17	If you could turn back time: Understanding transgenerational latent effects of developmental exposure to contaminants. <i>Environmental Pollution</i> , 2014, 184, 419-425.	3.7	24
18	Toxicological Response of <i>Chironomus dilutus</i> in Single-Chemical and Binary Mixture Exposure Experiments with 6 Perfluoroalkyl Substances. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2319-2333.	2.2	24

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19	Population-level responses to long-term cadmium exposure in two strains of the freshwater gastropod <i>Biomphalaria glabrata</i> : Results from a life-table response experiment. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 678-688.	2.2	23
20	Complex interactions between climate change and toxicants: evidence that temperature variability increases sensitivity to cadmium. <i>Ecotoxicology</i> , 2014, 23, 809-817.	1.1	22
21	Species- and Tissue-Specific Avian Chronic Toxicity Values for Perfluorooctane Sulfonate (PFOS) and a Binary Mixture of PFOS and Perfluorohexane Sulfonate. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 899-909.	2.2	21
22	Chronic Effects of 17 β -Ethinylestradiol, Fluoxetine, and the Mixture on Individual and Population-Level End Points in <i>Daphnia magna</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 603-611.	2.1	20
23	Energetic endpoints provide early indicators of life history effects in a freshwater gastropod exposed to the fungicide, pyraclostrobin. <i>Environmental Pollution</i> , 2016, 211, 183-190.	3.7	20
24	Assessing the toxicity of the "inert" safener benoxacor toward <i>Chironomus riparius</i> : Effects of agrochemical mixtures. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2660-2670.	2.2	20
25	Plasticity in offspring contaminant tolerance traits: developmental cadmium exposure trumps parental effects. <i>Ecotoxicology</i> , 2013, 22, 847-853.	1.1	18
26	Key Considerations for Accurate Exposures in Ecotoxicological Assessments of Perfluorinated Carboxylates and Sulfonates. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 677-688.	2.2	16
27	Transgenerational endpoints provide increased sensitivity and insight into multigenerational responses of <i>Lymnaea stagnalis</i> exposed to cadmium. <i>Environmental Pollution</i> , 2017, 224, 572-580.	3.7	15
28	Effects of 17 β -ethinylestradiol, fluoxetine, and the mixture on life history traits and population growth rates in a freshwater gastropod. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2771-2778.	2.2	14
29	Sensitivity and Accumulation of Perfluorooctanesulfonate and Perfluorohexanesulfonic Acid in Fathead Minnows (<i>Pimephales promelas</i>) Exposed over Critical Life Stages of Reproduction and Development. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 811-819.	2.2	14
30	Environmentally relevant concentrations of a common insecticide increase predation risk in a freshwater gastropod. <i>Ecotoxicology</i> , 2013, 22, 42-49.	1.1	13
31	Comparative Toxicity of Herbicide Active Ingredients, Safener Additives, and Commercial Formulations to the Nontarget Alga <i>Raphidocelis subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1466-1476.	2.2	10
32	Dietary acclimation affects dietary selection in the freshwater snail <i>Planorbella trivolvis</i> . <i>Journal of Molluscan Studies</i> , 2012, 78, 256-261.	0.4	9
33	Species-specific and transgenerational responses to increasing salinity in sympatric freshwater gastropods. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2517-2524.	2.2	9
34	Parental diet affects embryogenesis of the great pond snail (<i>Lymnaea stagnalis</i>) exposed to cadmium, pyraclostrobin, and tributyltin. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2428-2438.	2.2	9
35	Will temperature increases associated with climate change potentiate toxicity of environmentally relevant concentrations of chloride on larval green frogs (<i>Lithobates clamitans</i>)?. <i>Science of the Total Environment</i> , 2019, 682, 282-290.	3.9	9
36	Species- and Tissue-Specific Chronic Toxicity Values for Northern Bobwhite Quail (<i>Colinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sulfonic Acid and Perfluorohexane Sulfonic Acid. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 219-229.	2.2	7

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37	New insights into parental effects and toxicity: Mate availability and diet in the parental environment affect offspring responses to contaminants. <i>Environmental Pollution</i> , 2013, 180, 41-47.	3.7	6
38	A cost or a benefit? Counterintuitive effects of diet quality and cadmium in <i>Lymnaea stagnalis</i> . <i>Ecotoxicology</i> , 2016, 25, 1771-1781.	1.1	6
39	Chronic Reproductive Toxicity Thresholds for Northern Bobwhite Quail (<i>Colinus virginianus</i>) Exposed to Perfluorohexanoic Acid (PFHxA) and a Mixture of Perfluorooctane Sulfonic Acid (PFOS) and PFHxA. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2601-2614.	2.2	6
40	Diet quality affects chemical tolerance in the freshwater snail <i>Lymnaea stagnalis</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1158-1167.	2.2	4
41	Perfluoroalkyl acids in sediment and water surrounding historical fire training areas at Barksdale Air Force Base. <i>PeerJ</i> , 2022, 10, e13054.	0.9	4
42	Intraspecific interactions affect outcomes of pulse toxicity at different <i>Daphnia magna</i> population phases. <i>Environmental Pollution</i> , 2020, 267, 115398.	3.7	3
43	Investigating potential toxic effects of pollutants on population growth rates and probability of extinction for a representative squamate. <i>Ecotoxicology</i> , 2021, 30, 175-186.	1.1	3
44	Direct and indirect effects of petroleum production activities on the western fence lizard (<i>Sceloporus occidentalis</i>) as a surrogate for the dunes sagebrush lizard (<i>Sceloporus</i>)	1.1	3
45	Increased temperature and lower resource quality exacerbate chloride toxicity to larval <i>Lithobates sylvaticus</i> (wood frog). <i>Environmental Pollution</i> , 2020, 266, 115188.	3.7	1