

Keith R Solomon

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192
papers

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192
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10,994
ext. citations

4.9
avg, IF

6
L-index

#	Paper	IF	Citations
192	Biological monitoring of polyfluoroalkyl substances: A review. <i>Environmental Science & Technology</i> , 2006 , 40, 3463-73	10.3	965
191	Ecological risk assessment of atrazine in North American surface waters. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 31-76	3.8	788
190	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 196-204	3.8	666
189	Aquatic ecotoxicology of fluoxetine. <i>Toxicology Letters</i> , 2003 , 142, 169-83	4.4	342
188	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 189-195	3.8	329
187	Ecotoxicological Risk Assessment for Roundup® Herbicide. <i>Reviews of Environmental Contamination and Toxicology</i> , 2000 , 35-120	3.5	244
186	Effects of 25 pharmaceutical compounds to <i>Lemna gibba</i> using a seven-day static-renewal test. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 371-82	3.8	226
185	Effects of atrazine on fish, amphibians, and aquatic reptiles: a critical review. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 721-72	5.7	187
184	Ecological risk assessment for aquatic organisms from over-water uses of glyphosate. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2003 , 6, 289-324	8.6	176
183	Response of larval <i>Xenopus laevis</i> to atrazine: Assessment of growth, metamorphosis, and gonadal and laryngeal morphology. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 396-405	3.8	158
182	Probabilistic risk assessment of cotton pyrethroids: I. Distributional analyses of laboratory aquatic toxicity data. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 652-659	3.8	153
181	An exposure assessment for selected pharmaceuticals within a watershed in Southern Ontario. <i>Chemosphere</i> , 2006 , 64, 717-29	8.4	141
180	Microcosm evaluation of the effects of an eight pharmaceutical mixture to the aquatic macrophytes <i>Lemna gibba</i> and <i>Myriophyllum sibiricum</i> . <i>Aquatic Toxicology</i> , 2004 , 70, 23-40	5.1	133
179	Effects of pharmaceutical mixtures in aquatic microcosms. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1035-42	3.8	120
178	Chlorophyll fluorescence as a bioindicator of effects on growth in aquatic macrophytes from mixtures of polycyclic aromatic hydrocarbons. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 890-898	3.8	110
177	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 127-179	4.2	105
176	Effects of atrazine on metamorphosis, growth, laryngeal and gonadal development, aromatase activity, and sex steroid concentrations in <i>Xenopus laevis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2005 , 62, 160-73	7	102

175	Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas. <i>Aquatic Toxicology</i> , 2006 , 76, 230-45	5.1	100
174	Toxicity of human pharmaceuticals and personal care products to benthic invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 425-32	3.8	96
173	Laboratory evaluation of the toxicity of Perfluorooctane Sulfonate (PFOS) on <i>Selenastrum capricornutum</i> , <i>Chlorella vulgaris</i> , <i>Lemna gibba</i> , <i>Daphnia magna</i> , and <i>Daphnia pulicaria</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 44, 307-13	3.2	91
172	Chlorpyrifos: ecological risk assessment in North American aquatic environments. <i>Reviews of Environmental Contamination and Toxicology</i> , 1999 , 160, 1-129	3.5	91
171	Aquatic plants exposed to pharmaceuticals: effects and risks. <i>Reviews of Environmental Contamination and Toxicology</i> , 2008 , 192, 67-115	3.5	89
170	Use of nonlinear regression techniques for describing concentration-response relationships of plant species exposed to contaminated site soils. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 2968-2981	3.8	85
169	Impact of Permethrin on Zooplankton Communities in Limnocorrals. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985 , 42, 77-85	2.4	82
168	Effects of atrazine in fish, amphibians, and reptiles: an analysis based on quantitative weight of evidence. <i>Critical Reviews in Toxicology</i> , 2014 , 44 Suppl 5, 1-66	5.7	81
167	Ecological risk assessment of atrazine in North American surface waters. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 10-1	3.8	77
166	Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in <i>Xenopus laevis</i> exposed to estradiol or atrazine. <i>Aquatic Toxicology</i> , 2005 , 72, 383-96	5.1	73
165	A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment. <i>Critical Reviews in Toxicology</i> , 2016 , 46, 3-20	5.7	73
164	The fate and persistence of trifluoroacetic and chloroacetic acids in pond waters. <i>Chemosphere</i> , 2001 , 42, 309-18	8.4	72
163	A protocol for conducting 7-day daily renewal tests with <i>Lemna gibba</i> . <i>Nature Protocols</i> , 2007 , 2, 979-87	18.8	71
162	Impact of Fenvalerate on Enclosed Freshwater Planktonic Communities and on in situ Rates of Filtration of Zooplankton. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1987 , 44, 1714-1728	2.4	70
161	Impact of Atrazine on Periphyton in Freshwater Enclosures and Some Ecological Consequences. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986 , 43, 1917-1925	2.4	70
160	Sources, fates, toxicity, and risks of trifluoroacetic acid and its salts: Relevance to substances regulated under the Montreal and Kyoto Protocols. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016 , 19, 289-304	8.6	70
159	Properties and uses of chlorpyrifos in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 13-34	3.5	69
158	Biomonitoring of genotoxic risk in agricultural workers from five colombian regions: association to occupational exposure to glyphosate. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 986-97	3.2	69

157	Seasonal exposures to triazine and other pesticides in surface waters in the western Highveld corn-production region in South Africa. <i>Environmental Pollution</i> , 2005 , 135, 131-41	9.3	69
156	Toxicity of perfluorooctane sulfonic acid and perfluorooctanoic acid to <i>Chironomus tentans</i> . <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 2116-23	3.8	67
155	Adsorption and Desorption of Permethrin and Other Pesticides on Glass and Plastic Materials used in Bioassay Procedures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1981 , 38, 199-204	2.4	66
154	Gonadal development of larval male <i>Xenopus laevis</i> exposed to atrazine in outdoor microcosms. <i>Environmental Science & Technology</i> , 2005 , 39, 5255-61	10.3	62
153	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019 , 2, 569-579	22.1	61
152	Impact of perfluorooctanoic acid on fathead minnow (<i>Pimephales promelas</i>) fatty acyl-CoA oxidase activity, circulating steroids, and reproduction in outdoor microcosms. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1912-9	3.8	60
151	Effects of atrazine on CYP19 gene expression and aromatase activity in testes and on plasma sex steroid concentrations of male African clawed frogs (<i>Xenopus laevis</i>). <i>Toxicological Sciences</i> , 2005 , 86, 273-80	4.4	60
150	New concepts in ecological risk assessment: where do we go from here?. <i>Marine Pollution Bulletin</i> , 2002 , 44, 279-85	6.7	59
149	Probabilistic risk assessment of cotton pyrethroids: II. Aquatic mesocosm and field studies. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 660-668	3.8	59
148	Plasma sex steroid concentrations and gonadal aromatase activities in African clawed frogs (<i>Xenopus laevis</i>) from South Africa. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1996-2007	3.8	58
147	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 196-204	3.8	56
146	Adsorption-desorption, degradation, and distribution of permethrin in aqueous systems. <i>Journal of Agricultural and Food Chemistry</i> , 1981 , 29, 1122-1125	5.7	55
145	Coca and poppy eradication in Colombia: environmental and human health assessment of aerially applied glyphosate. <i>Reviews of Environmental Contamination and Toxicology</i> , 2007 , 190, 43-125	3.5	54
144	New technique for estimating thresholds of toxicity in ecological risk assessment. <i>Environmental Science & Technology</i> , 2002 , 36, 3257-64	10.3	54
143	Probabilistic ecological hazard assessment: evaluating pharmaceutical effects on aquatic higher plants as an example. <i>Ecotoxicology and Environmental Safety</i> , 2006 , 64, 128-35	7	52
142	Experimental designs for aquatic mesocosm studies: A comparison of the 'Novo' and 'Regression' design for assessing the impact of tetrachlorophenol on zooplankton populations in limnocorals. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 61-77	3.8	52
141	An ecological risk assessment for the use of the biocide, dibromonitripropionamide (DBNPA), in industrial cooling systems. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 21-30	3.8	51
140	The origin and evolution of assessment criteria for persistent, bioaccumulative and toxic (PBT) chemicals and persistent organic pollutants (POPs). <i>Environmental Sciences: Processes and Impacts</i> , 2016 , 18, 1114-28	4.3	50

139	Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval and juvenile colombian frogs 2. Field and laboratory microcosm acute toxicity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 966-73	3.2	49
138	Effects of a mixture of tetracyclines to Lemna gibba and Myriophyllum sibiricum evaluated in aquatic microcosms. <i>Environmental Pollution</i> , 2005 , 138, 425-42	9.3	48
137	Herbicidal effects of statin pharmaceuticals in Lemna gibba. <i>Environmental Science & Technology</i> , 2006 , 40, 5116-23	10.3	47
136	Ecological risks of diazinon from agricultural use in the Sacramento-San Joaquin River Basins, California. <i>Risk Analysis</i> , 2000 , 20, 545-72	3.9	47
135	Depth integrating samplers for use in limnocorrals. <i>Hydrobiologia</i> , 1982 , 94, 71-75	2.4	46
134	Environmental effects of ozone depletion and its interactions with climate change: progress report, 2009. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 275-94	4.2	45
133	Glyphosate in the general population and in applicators: a critical review of studies on exposures. <i>Critical Reviews in Toxicology</i> , 2016 , 46, 21-27	5.7	45
132	Response of the zooplankton community and environmental fate of perfluorooctane sulfonic acid in aquatic microcosms. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2739-45	3.8	44
131	. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 61	3.8	44
130	Impact of perfluorooctanoic acid on the structure of the zooplankton community in indoor microcosms. <i>Aquatic Toxicology</i> , 2003 , 62, 227-34	5.1	43
129	Overview of recent developments in ecotoxicological risk assessment. <i>Risk Analysis</i> , 1996 , 16, 627-33	3.9	43
128	Haloacetic acids in the aquatic environment. Part I: macrophyte toxicity. <i>Environmental Pollution</i> , 2004 , 130, 371-83	9.3	42
127	The impact of atrazine on lake periphyton communities, including carbon uptake dynamics using track autoradiography. <i>Environmental Pollution</i> , 1987 , 46, 83-103	9.3	41
126	Changes in air quality and tropospheric composition due to depletion of stratospheric ozone and interactions with changing climate: implications for human and environmental health. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 149-69	4.2	39
125	Probabilistic risk assessment of cotton pyrethroids: V. Combining landscape-level exposures and ecotoxicological effects data to characterize risks. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 687-692	3.8	39
124	Haloacetic acids in the aquatic environment. Part II: ecological risk assessment. <i>Environmental Pollution</i> , 2004 , 130, 385-401	9.3	38
123	Detection of Chlorodifluoroacetic Acid in Precipitation: A Possible Product of Fluorocarbon Degradation. <i>Environmental Science & Technology</i> , 2000 , 34, 274-281	10.3	37
122	Spatial Distribution of Plankton in Enclosures of Three Sizes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1984 , 41, 1048-1054	2.4	37

121	Changes in air quality and tropospheric composition due to depletion of stratospheric ozone and interactions with climate. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 280-91	4.2	36
120	Dissipation of Permethrin in Limnocorals. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985 , 42, 70-76	2.4	36
119	Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval Colombian frogs 1. Laboratory acute toxicity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 961-5	3.2	35
118	Reproduction, larval growth, and reproductive development in African clawed frogs (<i>Xenopus laevis</i>) exposed to atrazine. <i>Chemosphere</i> , 2008 , 71, 546-52	8.4	34
117	Persistence of hexazinone (Velpar), triclopyr (Garlon), and 2,4-D in a northern Ontario aquatic environment. <i>Journal of Agricultural and Food Chemistry</i> , 1988 , 36, 1314-1318	5.7	34
116	Current-use pesticides in seawater and their bioaccumulation in polar bear-ringed seal food chains of the Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 1695-707	3.8	34
115	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , 2021 , 20, 1-67	4.2	34
114	Ecological impact and environmental fate of perfluorooctane sulfonate on the zooplankton community in indoor microcosms. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1490-1496	3.8	32
113	Measuring bioaccumulation of contaminants from field-collected sediment in freshwater organisms: a critical review of laboratory methods. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2391-401	3.8	31
112	Identification of the lampricide 3-trifluoromethyl-4-nitrophenol as an agonist for the rainbow trout estrogen receptor. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 425-432	3.8	31
111	Variation, replication, and power analysis of <i>Myriophyllum</i> spp. microcosm toxicity data. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1318-1329	3.8	31
110	Assessment of laryngeal muscle and testicular cell types in <i>Xenopus laevis</i> (Anura Pipidae) inhabiting maize and non-maize growing areas of South Africa. <i>African Journal of Herpetology</i> , 2005 , 54, 69-76	0.6	30
109	Airborne haloacetic acids. <i>Environmental Science & Technology</i> , 2003 , 37, 2889-97	10.3	30
108	Effects of perfluorooctane sulfonate and perfluorooctanoic acid on the zooplanktonic community. <i>Ecotoxicology and Environmental Safety</i> , 2004 , 58, 68-76	7	30
107	Chlorpyrifos: Ecotoxicological Risk Assessment for Birds and Mammals in Corn Agroecosystems. <i>Human and Ecological Risk Assessment (HERA)</i> , 2001 , 7, 497-632	4.9	29
106	Interactive effects of changing stratospheric ozone and climate on tropospheric composition and air quality, and the consequences for human and ecosystem health. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 775-803	4.2	29
105	Distribution and composition of polycyclic aromatic hydrocarbons within experimental microcosms treated with liquid creosote. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 2359-2368	3.8	28
104	Changes in tropospheric composition and air quality due to stratospheric ozone depletion and climate change. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 301-10	4.2	26

103	Population structure of the African Clawed Frog (<i>Xenopus laevis</i>) in maize-growing areas with atrazine application versus non-maize-growing areas in South Africa. <i>African Journal of Herpetology</i> , 2005 , 54, 61-68	0.6	26
102	Impact of methoxychlor on freshwater communities of plankton in limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1986 , 5, 587-603	3.8	26
101	Indirect effects of herbicides on biota in terrestrial edge-of-field habitats: A critical review of the literature. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 232, 59-72	5.7	26
100	Risks to aquatic organisms from use of chlorpyrifos in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 119-62	3.5	25
99	Critical assessment of pendimethalin in terms of persistence, bioaccumulation, toxicity, and potential for long-range transport. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 1-21	8.6	25
98	Atrazine does not affect algal biomass or snail populations in microcosm communities at environmentally relevant concentrations. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1689-96	3.8	25
97	Plasma steroid hormone concentrations, aromatase activities and GSI in ranid frogs collected from agricultural and non-agricultural sites in Michigan (USA). <i>Aquatic Toxicology</i> , 2006 , 77, 153-66	5.1	25
96	The effect of creosote on membrane ion leakage in <i>Myriophyllum spicatum</i> L. <i>Aquatic Toxicology</i> , 2000 , 50, 275-284	5.1	25
95	Fate in the environment and long-range atmospheric transport of the organophosphorus insecticide, chlorpyrifos and its oxon. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 35-76	3.5	25
94	Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 542-584	4.2	24
93	Matrix effects on mass spectrometric determinations of four pharmaceuticals and personal care products in water, sediments, and biota. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 662-672	0.9	24
92	Effects of planting system design on the toxicological sensitivity of <i>Myriophyllum spicatum</i> and <i>Elodea canadensis</i> to atrazine. <i>Chemosphere</i> , 2008 , 73, 249-60	8.4	23
91	Chlorodifluoroacetic acid fate and toxicity to the macrophytes <i>Lemna gibba</i> , <i>Myriophyllum spicatum</i> , and <i>Myriophyllum sibiricum</i> in aquatic microcosms. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2758-2767	3.8	23
90	Evaluation of monochloroacetic acid (MCA) degradation and toxicity to <i>Lemna gibba</i> , <i>Myriophyllum spicatum</i> , and <i>Myriophyllum sibiricum</i> in aquatic microcosms. <i>Aquatic Toxicology</i> , 2002 , 61, 251-73	5.1	23
89	Effects of the presence and absence of various fractions of dissolved organic matter on the toxicity of fenvalerate to <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 1993 , 12, 167-176	3.8	23
88	Accumulation and depuration of polychlorinated biphenyls from field-collected sediment in three freshwater organisms. <i>Environmental Science & Technology</i> , 2011 , 45, 7011-8	10.3	22
87	Regional differences in time to pregnancy among fertile women from five Colombian regions with different use of glyphosate. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 949-60	3.2	22
86	Population-specific incidence of testicular ovarian follicles in <i>Xenopus laevis</i> from South Africa: a potential issue in endocrine testing. <i>Aquatic Toxicology</i> , 2009 , 95, 10-6	5.1	22

85	Aquatic microcosm assessment of the effects of tylosin on <i>Lemna gibba</i> and <i>Myriophyllum spicatum</i> . <i>Environmental Pollution</i> , 2005 , 133, 389-401	9.3	22
84	Trichloroacetic acid (TCA) and trifluoroacetic acid (TFA) mixture toxicity to the macrophytes <i>Myriophyllum spicatum</i> and <i>Myriophyllum sibiricum</i> in aquatic microcosms. <i>Science of the Total Environment</i> , 2002 , 285, 247-59	10.2	22
83	Microcosm evaluation of the toxicity and risk to aquatic macrophytes from perfluorooctane sulfonic acid. <i>Archives of Environmental Contamination and Toxicology</i> , 2005 , 48, 329-37	3.2	22
82	The effect of creosote on the growth of an axenic culture of <i>Myriophyllum spicatum</i> L. <i>Aquatic Toxicology</i> , 2000 , 50, 265-274	5.1	22
81	The effect of two applications of atrazine on the water quality of freshwater enclosures. <i>Environmental Pollution</i> , 1989 , 60, 291-304	9.3	22
80	Methoxychlor distribution, dissipation, and effects in freshwater limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1986 , 5, 577-586	3.8	22
79	Quantitative weight-of-evidence analysis of the persistence, bioaccumulation, toxicity, and potential for long-range transport of the cyclic volatile methyl siloxanes. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016 , 19, 345-379	8.6	22
78	Evaluation of evidence that the organophosphorus insecticide chlorpyrifos is a potential persistent organic pollutant (POP) or persistent, bioaccumulative, and toxic (PBT). <i>Environmental Sciences Europe</i> , 2014 , 26,	5	20
77	Spray droplet size, drift potential, and risks to nontarget organisms from aerially applied glyphosate for coca control in Colombia. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 921-9	3.2	20
76	Development and optimization of a Q-RT PCR method to quantify CYP19 mRNA expression in testis of male adult <i>Xenopus laevis</i> : comparisons with aromatase enzyme activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 144, 18-28	2.3	20
75	Changes in tropospheric composition and air quality due to stratospheric ozone depletion. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 62-7	4.2	20
74	Microcosm evaluation of the fate, toxicity, and risk to aquatic macrophytes from perfluorooctanoic acid (PFOA). <i>Archives of Environmental Contamination and Toxicology</i> , 2005 , 49, 307-16	3.2	20
73	Refined avian risk assessment for chlorpyrifos in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 163-217	3.5	19
72	Effects of Herbicides on Fish. <i>Fish Physiology</i> , 2013 , 369-409	2	19
71	Probabilistic risk assessment of cotton pyrethroids: I. Distributional analyses of laboratory aquatic toxicity data. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 652-9	3.8	19
70	Risk to pollinators from the use of chlorpyrifos in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 219-65	3.5	18
69	Laboratory studies on the mechanisms of resistance to permethrin in a field-selected strain of house flies. <i>Pest Management Science</i> , 1985 , 16, 10-16		18
68	Exposures of aquatic organisms to the organophosphorus insecticide, chlorpyrifos resulting from use in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 77-117	3.5	18

67	A comparison of the bioaccumulation potential of three freshwater organisms exposed to sediment-associated contaminants under laboratory conditions. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 939-49	3.8	17
66	Field level evaluation and risk assessment of the toxicity of dichloroacetic acid to the aquatic macrophytes <i>Lemna gibba</i> , <i>Myriophyllum spicatum</i> , and <i>Myriophyllum sibiricum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2003 , 55, 46-63	7	17
65	Use of an mfo-directed toxicity identification evaluation to isolate and characterize bioactive impurities from a lampricide formulation. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 894-905	3.8	17
64	Interactions between atrazine and phosphorus in aquatic systems: effects on phytoplankton and periphyton. <i>Chemosphere</i> , 2013 , 90, 1069-76	8.4	16
63	Assessing sensitivity and recovery of field-collected periphyton acutely exposed to atrazine using PSII inhibition under laboratory conditions. <i>Ecotoxicology</i> , 2013 , 22, 1367-83	2.9	16
62	DEVELOPMENT OF RESISTANCE TO PERMETHRIN AND DICHLORVOS BY THE HOUSE FLY (DIPTERA: MUSCIDAE) FOLLOWING CONTINUOUS AND ALTERNATING INSECTICIDE USE ON FOUR FARMS. <i>Canadian Entomologist</i> , 1983 , 115, 1555-1561	0.7	16
61	Effects of atrazine on fish, amphibians, and reptiles: update of the analysis based on quantitative weight of evidence. <i>Critical Reviews in Toxicology</i> , 2019 , 49, 670-709	5.7	16
60	Terminology of gonadal anomalies in fish and amphibians resulting from chemical exposures. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 187, 103-31	3.5	16
59	Use of (eco)toxicity data as screening criteria for the identification and classification of PBT/POP compounds. <i>Integrated Environmental Assessment and Management</i> , 2009 , 5, 680-96	2.5	15
58	Comparison of the hazards posed to amphibians by the glyphosate spray control program versus the chemical and physical activities of coca production in Colombia. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 937-48	3.2	15
57	Quantitative weight of evidence assessment of higher-tier studies on the toxicity and risks of neonicotinoids in honeybees. 2. Imidacloprid. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 330-345	8.6	14
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55	Distribution and composition of polycyclic aromatic hydrocarbons within experimental microcosms treated with creosote-impregnated Douglas fir pilings. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 2369-2377	3.8	14
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