

Keith R Solomon

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6461443/keith-r-solomon-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

10,123
citations

51
h-index

94
g-index

192
ext. papers

10,994
ext. citations

4.9
avg, IF

6
L-index

#	Paper	IF	Citations
192	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021.. <i>Photochemical and Photobiological Sciences</i> , 2022 , 21, 275	4.2	4
191	Ecotoxicology of Glyphosate, Its Formulants, and Environmental Degradation Products. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021 , 255, 129-205	3.5	3
190	Assessment of risks to listed species from the use of atrazine in the USA: a perspective. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2021 , 24, 223-306	8.6	0
189	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
188	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
187	Estimated exposure to glyphosate in humans via environmental, occupational, and dietary pathways: an updated review of the scientific literature. <i>Pest Management Science</i> , 2020 , 76, 2878-2885	4.6	14
186	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019 , 2, 569-579	22.1	61
185	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
184	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
183	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
182	Response to Tennekes (2018) "The Resilience of the Beehive" <i>Journal of Toxicology and Environmental Health B</i> 20: 316-386. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018 , 21, 5-7	8.6	
181	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
180	Quantitative weight of evidence assessment of higher tier studies on the toxicity and risks of neonicotinoids in honeybees. 3. Clothianidin. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 346-364	8.6	12
179	Quantitative weight of evidence assessment of higher-tier studies on the toxicity and risks of neonicotinoid insecticides in honeybees 1: Methods. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 316-329	8.6	10
178	Quantitative weight of evidence assessment of higher tier studies on the toxicity and risks of neonicotinoids in honeybees. 4. Thiamethoxam. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 365-382	8.6	9
177	Quantitative weight of evidence assessment of risk to honeybee colonies from use of imidacloprid, clothianidin, and thiamethoxam as seed treatments: a postscript. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 383-386	8.6	4
176	Aquatic hazard assessment of MON 0818, a commercial mixture of alkylamine ethoxylates commonly used in glyphosate-containing herbicide formulations. Part 2: Roles of sediment, temperature, and capacity for recovery following a pulsed exposure. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 512-521	3.8	11

175	Effects of the herbicide surfactant MON 0818 on oviposition and viability of eggs of the ramshorn snail (<i>Planorbella pilsbryi</i>). <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 522-531	3.8	9
174	Aquatic hazard assessment of MON 0818, a commercial mixture of alkylamine ethoxylates commonly used in glyphosate-containing herbicide formulations. Part 1: Species sensitivity distribution from laboratory acute exposures. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 501-511	3.8	13
173	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
172	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
171	Dissipation of a commercial mixture of polyoxyethylene amine surfactants in aquatic outdoor microcosms: Effect of water depth and sediment organic carbon. <i>Science of the Total Environment</i> , 2016 , 550, 449-458	10.2	11
170	The case for establishing a board of review for resolving environmental issues: The science court in Canada. <i>Integrated Environmental Assessment and Management</i> , 2016 , 12, 572-9	2.5	4
169	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
168	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
167	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
166	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
165	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
164	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
163	Effects of atrazine on egg masses of the yellow-spotted salamander (<i>Ambystoma maculatum</i>) and its endosymbiotic alga (<i>Oophila amblystomatis</i>). <i>Environmental Pollution</i> , 2015 , 206, 324-31	9.3	12
162	Toxicity of Cypide 480SL spray mixture formulation of glyphosate to aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1178-84	3.8	9
161	Assessing temporal and spatial variation in sensitivity of communities of periphyton sampled from agroecosystem to, and ability to recover from, atrazine exposure. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 118, 204-216	7	13
160	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
159	Handler, bystander and reentry exposure to TCDD from application of Agent Orange by C-123 aircraft during the Vietnam War. <i>Science of the Total Environment</i> , 2015 , 505, 514-25	10.2	3
158	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

157	Properties and uses of chlorpyrifos in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 13-34	3.5	69
156	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
155	Trophodynamics of current use pesticides and ecological relationships in the Bathurst region vegetation-caribou-wolf food chain of the Canadian Arctic. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1956-66	3.8	10
154	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
153	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
152	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
151	Ecological risk assessment of the uses of the organophosphorus insecticide chlorpyrifos, in the United States. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014 , 231, 1-11	3.5	11
150	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
149	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
148	Interactions between atrazine and phosphorus in aquatic systems: effects on phytoplankton and periphyton. <i>Chemosphere</i> , 2013 , 90, 1069-76	8.4	16
147	Ecological risk assessment of atrazine in North American surface waters. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 10-1	3.8	77
146	Perspectives on communicating risks of chemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4676-91	5.7	8
145	Effects of Herbicides on Fish. <i>Fish Physiology</i> , 2013 , 369-409	2	19
144	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
143	The effect of organism density on bioaccumulation of contaminants from sediment in three aquatic test species: a case for standardizing to sediment organic carbon. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 60, 626-35	3.2	11
142	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
141	Validation of Ontario's new laboratory-based bioaccumulation methods with in situ field data. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 950-8	3.8	5
140	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

139	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
138	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
137	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
136	Letter to the editor and response. Re: Production of illicit drugs, the environment, and human health, <i>J of Toxicology and Environmental Medicine</i> 2009;72 (15-16). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010 , 73, 581; author reply 581-2	3.2	
135	Targets, Effects and Risks in Aquatic Plants Exposed to Veterinary Antibiotics. <i>ACS Symposium Series</i> , 2010 , 169-189	0.4	7
134	Risks of agricultural pharmaceuticals in surface water systems and soils. <i>ACS Symposium Series</i> , 2010 , 191-204	0.4	6
133	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
132	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
131	Detectability of fifteen aquatic micro/mesocosms. <i>Ecotoxicology</i> , 2009 , 18, 838-45	2.9	12
130	Is atrazine a potent endocrine disruptor chemical?. <i>Environmental Science & Technology</i> , 2009 , 43, 2993; author reply 2994	10.3	6
129	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
128	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
127	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
126	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
125	Spray droplet size, drift potential, and risks to nontarget organisms from aeri ally 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
124	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
123	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
122	Coca (<i>Erythroxylum coca</i>) Control is Affected by Glyphosate Formulations and Adjuvants. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 930-6	3.2	6

121	Human health and environmental risks from the use of glyphosate formulations to control the production of coca in Colombia: overview and conclusions. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 914-20	3.2	14
120	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
119	Production of illicit drugs, the environment, and human health. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 913	3.2	1
118	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
117	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
116	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
115	Aquatic plants exposed to pharmaceuticals: effects and risks. <i>Reviews of Environmental Contamination and Toxicology</i> , 2008 , 192, 67-115	3.5	89
114	Toxicity of human pharmaceuticals and personal care products to benthic invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 425-32	3.8	96
113	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
112	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
111	Achieving Rational Use of Agrochemicals: Environmental Chemistry in Action. <i>ACS Symposium Series</i> , 2007 , 2-12	0.4	1
110	PCBs can diminish the influence of temperature on thyroid indices in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2007 , 84, 366-378	5.1	13
109	Comparative Hazard Assessment of the Substances Used for Production and Control of Coca and Poppy in Colombia. <i>ACS Symposium Series</i> , 2007 , 87-99	0.4	5
108	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
107	Sediment TCDD-EQs and EROD and MROD activities in Ranid frogs from agricultural and nonagricultural sites in Michigan (USA). <i>Archives of Environmental Contamination and Toxicology</i> , 2006 , 51, 467-77	3.2	7
106	Biological monitoring of polyfluoroalkyl substances: A review. <i>Environmental Science & Technology</i> , 2006 , 40, 3463-73	10.3	965
105	Herbicidal effects of statin pharmaceuticals in <i>Lemna gibba</i> . <i>Environmental Science & Technology</i> , 2006 , 40, 5116-23	10.3	47
104	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

103	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
102	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
101	An exposure assessment for selected pharmaceuticals within a watershed in Southern Ontario. <i>Chemosphere</i> , 2006 , 64, 717-29	8.4	141
100	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
99	Terminology of Gonadal Anomalies in Fish and Amphibians Resulting from Chemical Exposures. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 103-131	3.5	7
98	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
97	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
96	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
95	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
94	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
93	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
92	Effects of a mixture of tetracyclines to <i>Lemna gibba</i> and <i>Myriophyllum sibiricum</i> evaluated in aquatic microcosms. <i>Environmental Pollution</i> , 2005 , 138, 425-42	9.3	48
91	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
90	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
89	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
88	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
87	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
86	Nonagricultural and residential exposures to pesticides. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005 , 31 Suppl 1, 74-81; discussion 63-5	4.3	2

85	Effects of 25 pharmaceutical compounds to Lemna gibba using a seven-day static-renewal test. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 371-82	3.8	226
84	Effects of pharmaceutical mixtures in aquatic microcosms. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1035-42	3.8	120
83	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
82	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
81	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
80	Effects of perfluorooctane sulfonate and perfluorooctanoic acid on the zooplanktonic community. <i>Ecotoxicology and Environmental Safety</i> , 2004 , 58, 68-76	7	30
79	Haloacetic acids in the aquatic environment. Part I: macrophyte toxicity. <i>Environmental Pollution</i> , 2004 , 130, 371-83	9.3	42
78	Haloacetic acids in the aquatic environment. Part II: ecological risk assessment. <i>Environmental Pollution</i> , 2004 , 130, 385-401	9.3	38
77	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
76	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
75	Distributional Risk Assessment for Agrochemicals: Triazine Herbicides. <i>ACS Symposium Series</i> , 2003 , 227-240	0	0
74	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 pulex</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 44, 307-13	3.2	91
73	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
72	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
71	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
70	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
69	Aquatic ecotoxicology of fluoxetine. <i>Toxicology Letters</i> , 2003 , 142, 169-83	4.4	342
68	Airborne haloacetic acids. <i>Environmental Science & Technology</i> , 2003 , 37, 2889-97	10.3	30

67	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
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	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
64	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
63	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
62	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
61	New concepts in ecological risk assessment: where do we go from here?. <i>Marine Pollution Bulletin</i> , 2002 , 44, 279-85	6.7	59
60	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
59	New technique for estimating thresholds of toxicity in ecological risk assessment. <i>Environmental Science & Technology</i> , 2002 , 36, 3257-64	10.3	54
58	Trichloroacetic acid fate and toxicity to the macrophytes <i>Myriophyllum spicatum</i> and <i>Myriophyllum sibiricum</i> under field conditions. <i>Aquatic Toxicology</i> , 2002 , 56, 241-55	5.1	13
57	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
56	Ecological impact and environmental fate of perfluorooctane sulfonate on the zooplankton community in indoor microcosms 2002 , 21, 1490		2
55	Ecological impact and environmental fate of perfluorooctane sulfonate on the zooplankton community in indoor microcosms. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1490-6	3.8	3
54	Response of zooplankton communities to liquid creosote in freshwater microcosms. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 394-405	3.8	13
53	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
52	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
51	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
50	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

49	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
48	Response of phytoplankton communities to liquid creosote in freshwater microcosms. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2785-2793	3.8	7
47	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
46	ECOLOGICAL RISK ASSESSMENT OF PESTICIDES. <i>Human and Ecological Risk Assessment (HERA)</i> , 2001 , 7, 493-495	4.9	1
45	The fate and persistence of trifluoroacetic and chloroacetic acids in pond waters. <i>Chemosphere</i> , 2001 , 42, 309-18	8.4	72
44	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
43	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, 2758-67	3.8	7
42	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 ⁸⁵	3.8	85
41	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
40	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
39	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
38	Ecotoxicological Risk Assessment for Roundup [®] Herbicide. <i>Reviews of Environmental Contamination and Toxicology</i> , 2000 , 35-120	3.5	244
37	Detection of Chlorodifluoroacetic Acid in Precipitation: A Possible Product of Fluorocarbon Degradation. <i>Environmental Science & Technology</i> , 2000 , 34, 274-281	10.3	37
36	Use of nonlinear regression techniques for describing concentration-response relationships of plant species exposed to contaminated site soils 2000 , 19, 2968		1
35	Chlorpyrifos: ecological risk assessment in North American aquatic environments. <i>Reviews of Environmental Contamination and Toxicology</i> , 1999 , 160, 1-129	3.5	91
34	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
33	Identification of chloro-nitro-trifluoromethyl-substituted dibenzo-p-dioxins in lampricide formulations of 3-trifluoromethyl-4-nitrophenol: Assessment to induce mixed function oxidase activity. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 941-950	3.8	6
32	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

31	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
30	Triazine Herbicides: Ecological Risk Assessment in Surface Waters. <i>ACS Symposium Series</i> , 1998 , 357-368	0.4	6
29	Identification of the lampricide 3-trifluoromethyl-4-nitrophenol as an agonist for the rainbow trout estrogen receptor 1998 , 17, 425		1
28	Persistence and fate of 2,3,4,6-tetrachlorophenol and pentachlorophenol in limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 293-305	3.8	5
27	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
26	Ecological risk assessment of atrazine in North American surface waters. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 31-76	3.8	788
25	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
24	Overview of recent developments in ecotoxicological risk assessment. <i>Risk Analysis</i> , 1996 , 16, 627-33	3.9	43
23	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
22	Experimental designs for aquatic mesocosm studies: A comparison of the [Novo] and [Regression] design for assessing the impact of tetrachlorophenol on zooplankton populations in limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 61-77	3.8	52
21	. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 61	3.8	44
20	Effect of Solanaceous Hosts on Toxicity and Synergism of Permethrin and Fenvalerate in Colorado Potato Beetle (Coleoptera: Chrysomelidae) Larvae. <i>Environmental Entomology</i> , 1991 , 20, 427-432	2.1	5
19	Effects of methoxychlor on zooplankton in freshwater enclosures: Influence of enclosure size and number of applications. <i>Environmental Toxicology and Chemistry</i> , 1989 , 8, 659-669	3.8	14
18	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
17	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
16	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
15	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
14	Methoxychlor distribution, dissipation, and effects in freshwater limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1986 , 5, 577-586	3.8	22

13	Impact of methoxychlor on freshwater communities of plankton in limnocorrals. <i>Environmental Toxicology and Chemistry</i> , 1986 , 5, 587-603	3.8	26
12	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
11	Impact of methoxychlor on freshwater communities of plankton in limnocorrals 1986 , 5, 587		0
10	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
9	Dissipation of Permethrin in Limnocorrals. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985 , 42, 70-76	2.4	36
8	Impact of Permethrin on Zooplankton Communities in Limnocorrals. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985 , 42, 77-85	2.4	82
7	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
6	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
5	The influence of adsorption on glass, pH and temperature on the disappearance of permethrin in aqueous systems. <i>Environmental Pollution Series B: Chemical and Physical</i> , 1982 , 4, 269-279		11
4	Depth integrating samplers for use in limnocorrals. <i>Hydrobiologia</i> , 1982 , 94, 71-75	2.4	46
3	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
2	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
1	The use of frequency diagrams in the survey of resistance to pesticides in ticks in Southern Africa. <i>Onderstepoort Journal of Veterinary Research</i> , 1979 , 46, 171-7	1.9	4