Todd A Anderson

List of Publications by Citations

227 papers	11,561 citations	47 h-index	103 g-index
229 ext. papers	12,460 ext. citations	5.1 avg, IF	6.17 L-index

#	Paper	IF	Citations
227	microRNAs as oncogenes and tumor suppressors. *Developmental Biology*, **2007**, 302, 1-12	3.1	1977
226	Conservation and divergence of plant microRNA genes. *Plant Journal*, **2006**, 46, 243-59	6.9	593
225	Plant microRNA: a small regulatory molecule with big impact. *Developmental Biology*, **2006**, 289, 3-16	3.1	558
224	Bioremediation in the rhizosphere.. *Environmental Science & Technology*, **1993**, 27, 2630-2636	10.3	542
223	Evidence that miRNAs are different from other RNAs. *Cellular and Molecular Life Sciences*, **2006**, 63, 246-54	5.3	442
222	Identification and characterization of new plant microRNAs using EST analysis. *Cell Research*, **2005**, 15, 336-60	24.7	364
221	The origin of naturally occurring perchlorate: the role of atmospheric processes. *Environmental Science & Technology*, **2005**, 39, 1569-75	10.3	324
220	Phytoremediation of Soils Contaminated with Organic Pollutants. *Advances in Agronomy*, **1996**, 56, 55-114	7.7	314
219	Phytoremediation: An Overview. *Critical Reviews in Plant Sciences*, **2005**, 24, 109-122	5.6	206
218	Identification of 188 conserved maize microRNAs and their targets. *FEBS Letters*, **2006**, 580, 3753-62	3.8	181
217	Identification of cotton microRNAs and their targets. *Gene*, **2007**, 397, 26-37	3.8	171
216	Computational identification of microRNAs and their targets. *Computational Biology and Chemistry*, **2006**, 30, 395-407	3.6	145
215	Perchlorate in milk. *Environmental Science & Technology*, **2003**, 37, 4979-81	10.3	140
214	Widespread natural perchlorate in unsaturated zones of the southwest United States. *Environmental Science & Technology*, **2007**, 41, 4522-8	10.3	137
213	Widespread presence of naturally occurring perchlorate in high plains of Texas and New Mexico. *Environmental Science & Technology*, **2006**, 40, 3156-62	10.3	132
212	Assessment of pathogens and toxicants in New Orleans, LA following Hurricane Katrina. *Environmental Science & Technology*, **2006**, 40, 468-74	10.3	131
211	Environmentally relevant concentrations of ammonium perchlorate inhibit thyroid function and alter sex ratios in developing Xenopus laevis. *Environmental Toxicology and Chemistry*, **2002**, 21, 590-597	3.8	121

210	Enhanced degradation of a mixture of three herbicides in the rhizosphere of a herbicide-tolerant plant. *Chemosphere*, **1994**, 28, 1551-1557	8.4	110
209	Perchlorate accumulation in forage and edible vegetation. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 369-73	5.7	109
208	Phytoremediation of Contaminated Water and Soil. *ACS Symposium Series*, **1997**, 2-17	0.4	107
207	Effects of landuse and precipitation on pesticides and water quality in playa lakes of the southern high plains. *Chemosphere*, **2013**, 92, 84-90	8.4	103
206	Perchlorate in wet deposition across North America. *Environmental Science & Technology*, **2009** , 43, 616-22	10.3	99
205	MicroRNA: a new player in stem cells. *Journal of Cellular Physiology*, **2006**, 209, 266-9	7	99
204	Occurrence of PPCPs at a Wastewater Treatment Plant and in Soil and Groundwater at a Land Application Site. *Water, Air, and Soil Pollution*, **2011**, 216, 257-273	2.6	96
203	Preliminary assessment of perchlorate in ecological receptors at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas. *Ecotoxicology*, **2001**, 10, 305-13	2.9	95
202	Occurrence of synthetic musk fragrances in effluent and non-effluent impacted environments. *Science of the Total Environment*, **2012**, 416, 253-60	10.2	85
201	Sorption of estrogens, triclosan, and caffeine in a sandy loam and a silt loam soil. *Journal of Soils and Sediments*, **2010**, 10, 1300-1307	3.4	84
200	C60 fullerene soil sorption, biodegradation, and plant uptake. *Environmental Science & Technology*, **2014**, 48, 2792-7	10.3	83
199	Comparative fate of [14C]trichloroethylene in the root zone of plants from a former solvent disposal site. *Environmental Toxicology and Chemistry*, **1995**, 14, 2041-2047	3.8	82
198	Microplastics in a freshwater environment receiving treated wastewater effluent. *Integrated Environmental Assessment and Management*, **2017**, 13, 528-532	2.5	81
197	Environmentally relevant concentrations of ammonium perchlorate inhibit development and metamorphosis in Xenopus laevis. *Environmental Toxicology and Chemistry*, **2002**, 21, 424-430	3.8	80
196	Global patterns and environmental controls of perchlorate and nitrate co-occurrence in arid and semi-arid environments. *Geochimica Et Cosmochimica Acta*, **2015**, 164, 502-522	5.5	77
195	Uptake of 17□ethynylestradiol and triclosan in pinto bean, Phaseolus vulgaris. *Ecotoxicology and Environmental Safety*, **2011**, 74, 1336-42	7	75
194	Perchlorate formation by ozone oxidation of aqueous chlorine/oxy-chlorine species: role of ClxOy radicals. *Environmental Science & Technology*, **2010**, 44, 2961-7	10.3	75
193	Uptake of perchlorate in terrestrial plants. *Ecotoxicology and Environmental Safety*, **2004**, 58, 44-9	7	74

192	Effects of ammonium perchlorate on the reproductive performance and thyroid follicle histology of zebrafish. *Environmental Toxicology and Chemistry*, **2003**, 22, 1115-1121	3.8	68
191	Perchlorate production by ozone oxidation of chloride in aqueous and dry systems. *Science of the Total Environment*, **2008**, 405, 301-9	10.2	67
190	Metals and organochlorine pesticides in caudal scutes of crocodiles from Belize and Costa Rica. *Science of the Total Environment*, **2007**, 373, 146-56	10.2	66
189	Occurrence, fate, and persistence of gemfibrozil in water and soil. *Environmental Toxicology and Chemistry*, **2012**, 31, 550-5	3.8	64
188	Perchlorate in water, soil, vegetation, and rodents collected from the Las Vegas Wash, Nevada, USA. *Environmental Pollution*, **2004**, 132, 121-7	9.3	64
187	Determination of trace perchlorate in high-salinity water samples by ion chromatography with on-line preconcentration and preelution. *Analytical Chemistry*, **2003**, 75, 701-6	7.8	63
186	Comparative Fates of Atrazine and Deethylatrazine in Sterile and Nonsterile Soils. *Journal of Environmental Quality*, **1997**, 26, 95-101	3.4	61
185	Development of a method for the determination of 9 currently used cotton pesticides by gas chromatography with electron capture detection. *Talanta*, **2008**, 75, 1055-60	6.2	61
184	Photochemical formation of perchlorate from aqueous oxychlorine anions. *Analytica Chimica Acta*, **2006**, 567, 48-56	6.6	61
183	Size estimation, morphometrics, sex ratio, sexual size dimorphism, and biomass of Morelet's crocodile in northern Belize. *Caribbean Journal of Science*, **2009**, 45, 80-93	0.2	49
182	Perchlorate occurrence in the Texas Southern High Plains Aquifer System. *Ground Water Monitoring and Remediation*, **2005**, 25, 137-149	1.4	48
181	Enhanced Mineralization of [14C]Atrazine in Kochia scoparia Rhizospheric Soil from a Pesticide-Contaminated Site. *Pest Management Science*, **1996**, 46, 391-396		48
180	Microbially Mediated Degradation of Common Pharmaceuticals and Personal Care Products in Soil Under Aerobic and Reduced Oxygen Conditions. *Water, Air, and Soil Pollution*, **2011**, 216, 633-642	2.6	47
179	Screening rhizosphere soil samples for the ability to mineralize elevated concentrations of atrazine and metolachlor. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **1995**, 30, 473-484	2.2	47
178	Sorption of three common nonsteroidal anti-inflammatory drugs (NSAIDs) to microplastics. *Science of the Total Environment*, **2020**, 715, 136974	10.2	47
177	Mobility of polyaromatic hydrocarbons (PAHs) in soil in the presence of carbon nanotubes. *Ecotoxicology and Environmental Safety*, **2013**, 96, 168-74	7	46
176	The thyroid endocrine disruptor perchlorate affects reproduction, growth, and survival of mosquitofish. *Ecotoxicology and Environmental Safety*, **2006**, 63, 343-52	7	46
175	Photochemical transformation of the insensitive munitions compound 2,4-dinitroanisole. *Science of the Total Environment*, **2013**, 443, 692-9	10.2	45

174	Determination of N-nitroso derivatives of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in soils by pressurized liquid extraction and liquid chromatography-electrospray ionization mass spectrometry. *Journal of Chromatography A*, **2006**, 1107, 2-8	4.5	44
173	Degradation Kinetics of Perchlorate in Sediments and Soils. *Water, Air, and Soil Pollution*, **2004**, 151, 245-259	2.9	43
172	Accumulation of perchlorate in aquatic and terrestrial plants at a field scale. *Journal of Environmental Quality*, **2004**, 33, 1638-46	3.4	43
171	Organochlorine contaminants in Morelet's crocodile (Crocodylus moreletii) eggs from Belize. *Chemosphere*, **2000**, 40, 671-8	8.4	43
170	Novel biomarkers of perchlorate exposure in zebrafish. *Environmental Toxicology and Chemistry*, **2005**, 24, 1107-15	3.8	41
169	The influence of multiwalled carbon nanotubes on polycyclic aromatic hydrocarbon (PAH) bioavailability and toxicity to soil microbial communities in alfalfa rhizosphere. *Ecotoxicology and Environmental Safety*, **2015**, 116, 143-9	7	40
168	Toxicity of a glufosinate- and several glyphosate-based herbicides to juvenile amphibians from the Southern High Plains, USA. *Science of the Total Environment*, **2009**, 407, 1065-71	10.2	40
167	Extraction, cleanup, and analysis of the perchlorate anion in tissue samples. *Bulletin of Environmental Contamination and Toxicology*, **2002**, 68, 684-91	2.7	40
166	. *Environmental Toxicology and Chemistry*, **2002**, 21, 424	3.8	38
165	Improving reptile ecological risk assessment: oral and dermal toxicity of pesticides to a common lizard species (Sceloporus occidentalis). *Environmental Toxicology and Chemistry*, **2015**, 34, 1778-86	3.8	37
164	Plant-microbe treatment systems for toxic waste. *Current Opinion in Biotechnology*, **1992**, 3, 267-270	11.4	35
163	Adaptive responses and latent costs of multigeneration cadmium exposure in parasite resistant and susceptible strains of a freshwater snail. *Ecotoxicology*, **2010**, 19, 1466-75	2.9	34
162	Perchlorate in fish from a contaminated site in east-central Texas. *Environmental Pollution*, **2006**, 139, 59-69	9.3	34
161	Temporal monitoring of perfluorooctane sulfonate accumulation in aquatic biota downstream of historical aqueous film forming foam use areas. *Environmental Toxicology and Chemistry*, **2017**, 36, 2022-2029	3.8	33
160	Polyaromatic hydrocarbons (PAHs) sorption behavior unaffected by the presence of multi-walled carbon nanotubes (MWNTs) in a natural soil system. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 1130-6	4.3	33
159	Preconcentration/preelution ion chromatography for the determination of perchlorate in complex samples. *Talanta*, **2005**, 65, 750-5	6.2	33
158	Metal distributions in New Orleans following hurricanes Katrina and Rita: A continuation study. *Environmental Science & Technology*, **2006**, 40, 4571-7	10.3	33
157	Mercury in Morelet's crocodile eggs from northern Belize. *Archives of Environmental Contamination and Toxicology*, **2002**, 42, 319-24	3.2	33

156	Effect of sediment on the fate of metolachlor and atrazine in surface water. *Environmental Toxicology and Chemistry*, **2004**, 23, 1145-55	3.8	32
155	Rhizosphere Microbial Communities as a Plant Defense Against Toxic Substances in Soils. *ACS Symposium Series*, **1994**, 82-92	0.4	32
154	Hydraulic Loading Rate Effect on Removal Rates in a BioSand Filter: A Pilot Study of Three Conditions. *Water, Air, and Soil Pollution*, **2012**, 223, 4527-4537	2.6	30
153	Effects of predator cues on pesticide toxicity: toward an understanding of the mechanism of the interaction. *Environmental Toxicology and Chemistry*, **2011**, 30, 1926-34	3.8	30
152	Organochlorine pesticides and mercury in cottonmouths (Agkistrodon piscivorus) from northeastern Texas, USA. *Environmental Toxicology and Chemistry*, **2005**, 24, 665-73	3.8	30
151	Effects of functionalized fullerenes on bifenthrin and tribufos toxicity to Daphnia magna: Survival, reproduction, and growth rate. *Environmental Toxicology and Chemistry*, **2010**, 29, 2600-6	3.8	29
150	Effects of perchlorate on earthworm (Eisenia fetida) survival and reproductive success. *Science of the Total Environment*, **2006**, 363, 237-44	10.2	29
149	Environmentally relevant concentrations of ammonium perchlorate inhibit thyroid function and alter sex ratios in developing Xenopus laevis. *Environmental Toxicology and Chemistry*, **2002**, 21, 590-7	3.8	29
148	Perfluoroalkylsulfonic and carboxylic acids in earthworms (Eisenia fetida): Accumulation and effects results from spiked soils at PFAS concentrations bracketing environmental relevance. *Chemosphere*, **2018**, 199, 168-173	8.4	28
147	Characteristics of perchlorate formation via photodissociation of aqueous chlorite. *Environmental Chemistry*, **2009**, 6, 53	3.2	28
146	Soil Sorption of Volatile and Semivolatile Organic Compounds in a Mixture. *Journal of Environmental Quality*, **1992**, 21, 552-558	3.4	28
145	Comparative studies of multi-walled carbon nanotubes (MWNTs) and octadecyl (C18) as sorbents in passive sampling devices for biomimetic uptake of polycyclic aromatic hydrocarbons (PAHs) from soils. *Science of the Total Environment*, **2013**, 461-462, 560-7	10.2	27
144	Toxicity of the explosive metabolites hexahydro-1,3,5-trinitroso-1,3,5-triazine (TNX) and hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine (MNX) to the earthworm Eisenia fetida. *Chemosphere*, **2006**, 64, 86-95	8.4	27
143	Measuring gene flow in the cultivation of transgenic cotton (Gossypium hirsutum L.). *Molecular Biotechnology*, **2005**, 31, 11-20	3	27
142	Degradation of an Atrazine and Metolachlor Herbicide Mixture in Pesticide-Contaminated Soils from Two Agrochemical Dealerships in Iowa. *Water, Air, and Soil Pollution*, **2000**, 119, 75-90	2.6	26
141	DDE in eggs of two crocodile species from Belize. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 6416-20	5.7	26
140	Organochlorine pesticides in chorioallantoic membranes of Morelet's crocodile eggs from belize. *Journal of Wildlife Diseases*, **2004**, 40, 493-500	1.3	25
139	Organochlorine contaminants in complete clutches of Morelet's crocodile (Crocodylus moreletii) eggs from Belize. *Environmental Pollution*, **2006**, 144, 151-7	9.3	24

138	Biological Degradation of Common Pharmaceuticals and Personal Care Products in Soils with High Water Content. *Water, Air, and Soil Pollution*, **2011**, 217, 127-134	2.6	22
137	The effect of fullerenes and functionalized fullerenes on Daphnia magna phototaxis and swimming behavior. *Environmental Toxicology and Chemistry*, **2011**, 30, 878-84	3.8	22
136	A study on perchlorate exposure and absorption in beef cattle. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 3456-61	5.7	22
135	Unraveling the relative importance of oral and dermal contaminant exposure in reptiles: insights from studies using the western fence lizard (Sceloporus occidentalis). *PLoS ONE*, **2014**, 9, e99666	3.7	22
134	Monitoring Estrogen Compounds in Wastewater Recycling Systems. *Water, Air, and Soil Pollution*, **2008**, 188, 31-40	2.6	21
133	Use of pressurized liquid extraction (PLE)/gas chromatography-electron capture detection (GC-ECD) for the determination of biodegradation intermediates of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in soils. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2005**, 824, 277-82	3.2	21
132	Environmentally relevant concentrations of ammonium perchlorate inhibit development and metamorphosis in Xenopus laevis. *Environmental Toxicology and Chemistry*, **2002**, 21, 424-30	3.8	21
131	Ocular disease in American crocodiles (Crocodylus acutus) in Costa Rica. *Journal of Wildlife Diseases*, **2011**, 47, 415-26	1.3	20
130	Ecological risk assessment of perfluorooctane sulfonate to aquatic fauna from a bayou adjacent to former fire training areas at a US Air Force installation. *Environmental Toxicology and Chemistry*, **2018**, 37, 2198-2209	3.8	19
129	Evaluating the bioavailability of explosive metabolites, hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine (MNX) and hexahydro-1,3,5-trinitroso-1,3,5-triazine (TNX), in soils using passive sampling devices. *Journal of Chromatography A*, **2006**, 1101, 38-45	4.5	19
128	Patterns of genotoxicity and contaminant exposure: evidence of genomic instability in the marsh frogs (Rana ridibunda) of Sumgayit, Azerbaijan. *Environmental Toxicology and Chemistry*, **2005**, 24, 2055-64	3.8	19
127	Local and landscape influences on PAH contamination in urban stormwater. *Landscape and Urban Planning*, **2015**, 142, 29-37	7.7	18
126	Bioaccumulation of petroleum hydrocarbons in fiddler crabs (Uca minax) exposed to weathered MC-252 crude oil alone and in mixture with an oil dispersant. *Science of the Total Environment*, **2013**, 444, 121-7	10.2	18
125	Uptake, accumulation and depuration of sodium perchlorate and sodium arsenate in zebrafish (Danio rerio). *Chemosphere*, **2006**, 65, 1679-89	8.4	18
124	Degradation of atrazine, metolachlor, and pendimethalin in pesticide-contaminated soils: effects of aged residues on soil respiration and plant survival. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2000**, 35, 417-38	2.2	18
123	The influence of soil macroinvertebrates on primary biodegradation of starch-containing polyethylene films. *Journal of Polymers and the Environment*, **1993**, 1, 301-306		18
122	Fate of Volatile and Semivolatile Organic Chemicals in Soils: Abiotic Versus Biotic Losses. *Journal of Environmental Quality*, **1991**, 20, 420-424	3.4	18
121	Agrochemical Mixtures Detected on Wildflowers near Cattle Feed Yards. *Environmental Science and Technology Letters*, **2017**, 4, 216-220	11	17

120	Heavy metal content in tea soils and their distribution in different parts of tea plants, Camellia sinensis (L). O. Kuntze. *Environmental Monitoring and Assessment*, **2016**, 188, 428	3.1	17
119	Reproductive toxicity of nitroaromatics to the cricket, Acheta domesticus. *Science of the Total Environment*, **2009**, 407, 5046-9	10.2	17
118	Temporal and spatial variation of perchlorate in streambed sediments: results from in-situ dialysis samplers. *Environmental Pollution*, **2005**, 136, 283-91	9.3	17
117	Optimization of operating conditions for the determination of perchlorate in biological samples using preconcentration/preelution ion chromatography. *Journal of Chromatography A*, **2006**, 1103, 102-9	4.5	17
116	Structural properties of organic chemicals as predictors of biodegradation and microbial toxicity in soils. *Chemosphere*, **1988**, 17, 1501-1507	8.4	17
115	Perchlorate Depositional History as Recorded in North American Ice Cores from the Eclipse Icefield, Canada, and the Upper Fremont Glacier, USA. *Water, Air, and Soil Pollution*, **2012**, 223, 181-188	2.6	16
114	Spatial distribution of lead concentrations in urban surface soils of New Orleans, Louisiana USA. *Environmental Geochemistry and Health*, **2010**, 32, 379-89	4.7	16
113	Acute and chronic toxicity of Roundup Weathermax and Ignite 280 SL to larval Spea multiplicata and S. bombifrons from the Southern High Plains, USA. *Environmental Pollution*, **2010**, 158, 2610-7	9.3	16
112	CONSUMPTION OF LARGE MAMMALS BY CROCODYLUS MORELETII: FIELD OBSERVATIONS OF NECROPHAGY AND INTERSPECIFIC KLEPTOPARASITISM. *Southwestern Naturalist*, **2007**, 52, 310-317	0.3	16
111	Organochlorine pesticide concentrations in sediment and amphibian tissue in playa wetlands in the southern high plains, USA. *Bulletin of Environmental Contamination and Toxicology*, **2008**, 80, 497-501	2.7	16
110	Effects of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) metabolites on cricket (Acheta domesticus) survival and reproductive success. *Environmental Pollution*, **2006**, 144, 540-4	9.3	16
109	Chronic Reproductive Toxicity of Perfluorooctane Sulfonic Acid and a Simple Mixture of Perfluorooctane Sulfonic Acid and Perfluorohexane Sulfonic Acid to Northern Bobwhite Quail (Colinus virginianus). *Environmental Toxicology and Chemistry*, **2020**, 39, 1101-1111	3.8	15
108	Phytoremediation of Herbicide-Contaminated Surface Water with Aquatic Plants. *ACS Symposium Series*, **1997**, 133-151	0.4	15
107	Uptake and exudation behavior of perchlorate in smartweed. *International Journal of Phytoremediation*, **2006**, 8, 13-24	3.9	15
106	Organochlorine pesticides in elementary school yards along the Texas-Mexico border. *Environmental Pollution*, **2003**, 126, 65-71	9.3	15
105	Organochlorine contaminants in eggs: the influence of contaminated nest material. *Chemosphere*, **2002**, 47, 585-9	8.4	15
104	Heterogeneous Production of Perchlorate and Chlorate by Ozone Oxidation of Chloride: Implications on the Source of (Per)Chlorate in the Solar System. *ACS Earth and Space Chemistry*, **2018**, 2, 87-94	3.2	15
103	Phytotoxicity of three plant-based biodiesels, unmodified castor oil, and Diesel fuel to alfalfa (Medicago sativa L.), lettuce (Lactuca sativa L.), radish (Raphanus sativus), and wheatgrass (Triticum aestivum). *Ecotoxicology and Environmental Safety*, **2015**, 122, 268-74	7	14

102	Temporal analysis of the cocaine metabolite benzoylecgonine in wastewater to estimate community drug use. *Journal of Forensic Sciences*, **2012**, 57, 1349-53	1.8	14
101	N-Nitroso compounds produced in deer mouse (Peromyscus maniculatus) GI tracts following hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) exposure. *Chemosphere*, **2007**, 67, 1164-70	8.4	14
100	Liquid chromatography/electrospray ionization tandem mass spectrometry analysis of octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX). *Rapid Communications in Mass Spectrometry*, **2006**, 20, 2222-6	2.2	14
99	Challenges in determining perchlorate in biological tissues and fluids: implications for characterizing perchlorate exposure. *Analytica Chimica Acta*, **2006**, 567, 66-72	6.6	14
98	Fate of perchlorate-contaminated water in upflow wetlands. *Water Research*, **2004**, 38, 4173-85	12.5	14
97	Technical Note: Electrochemical Generation of Perchlorate in Municipal Drinking Water Systems. *Journal - American Water Works Association*, **2004**, 96, 103-108	0.5	14
96	Effects of in utero and lactational ammonium perchlorate exposure on thyroid gland histology and thyroid and sex hormones in developing deer mice (peromyscus maniculatus) through postnatal day 21. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2002**, 65, 2119-30	3.2	14
95	Physicochemical properties as predictors of organic chemical effects on soil microbial respiration. *Environmental Toxicology and Chemistry*, **1989**, 8, 53-63	3.8	14
94	Polycyclic aromatic hydrocarbons in breast milk of obese vs normal women: Infant exposure and risk assessment. *Science of the Total Environment*, **2019**, 668, 658-667	10.2	13
93	Aquatic phytoremediation strategies for chromium removal. *Reviews in Environmental Science and Biotechnology*, **2020**, 19, 897-944	13.9	13
92	Surface water mitigates the anti-metamorphic effects of perchlorate in New Mexico spadefoot toads (Spea multiplicata) and African clawed frogs (Xenopus laevis). *Chemosphere*, **2010**, 78, 280-5	8.4	13
91	Effect of two major N-nitroso hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) metabolites on earthworm reproductive success. *Environmental Pollution*, **2008**, 153, 658-67	9.3	13
90	Mineralization of Propylene Glycol in Root Zone Soil. *Water, Air, and Soil Pollution*, **2000**, 118, 53-64	2.6	13
89	Plasma vitellogenin in Morelet's crocodiles from contaminated habitats in northern Belize. *Environmental Pollution*, **2008**, 153, 101-9	9.3	12
88	Spatial and temporal evaluation of metal concentrations in soils and sediments from New Orleans, Louisiana, USA, following hurricanes Katrina and Rita. *Environmental Toxicology and Chemistry*, **2007**, 26, 2108-14	3.8	12
87	Extraction and determination of trace amounts of energetic compounds in blood by gas chromatography with electron capture detection (GC/ECD). *Talanta*, **2007**, 72, 612-9	6.2	12
86	Thyroid function and reproductive success in rodents exposed to perchlorate via food and water. *Environmental Toxicology and Chemistry*, **2006**, 25, 1050-9	3.8	12
85	Methanotrophic Bacteria in the Rhizosphere of Trichloroethylene-Degrading Plants. *International Journal of Phytoremediation*, **1999**, 1, 241-253	3.9	12

84	Insights into reptile dermal contaminant exposure: Reptile skin permeability to pesticides. *Chemosphere*, **2016**, 154, 17-22	8.4	12
83	Determination of fullerenes (C60) in artificial sediments by liquid chromatography. *Talanta*, **2011**, 87, 35-9	6.2	11
82	Assessment of organochlorine pesticides and metals in ring-tailed lemurs (Lemur catta) at Beza Mahafaly Special Reserve, Madagascar. *American Journal of Primatology*, **2009**, 71, 998-1010	2.5	11
81	Enhanced degradation of deethylatrazine in an atrazine-history soil of Iowa. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **1997**, 32, 599-620	2.2	11
80	Uptake, elimination, and relative distribution of perchlorate in various tissues of channel catfish. *Environmental Science & Technology*, **2007**, 41, 7581-6	10.3	11
79	Using chorioallantoic membranes for non-lethal assessment of persistent organic pollutant exposure and effect in oviparous wildlife. *Ecotoxicology*, **2003**, 12, 31-45	2.9	11
78	Use of Undisturbed Soil Columns under Controlled Conditions To Study the Fate of [14C]Deethylatrazine *Journal of Agricultural and Food Chemistry*, **1996**, 44, 1144-1149	5.7	11
77	Key Considerations for Accurate Exposures in Ecotoxicological Assessments of Perfluorinated Carboxylates and Sulfonates. *Environmental Toxicology and Chemistry*, **2021**, 40, 677-688	3.8	10
76	Species- and Tissue-Specific Avian Chronic Toxicity Values for Perfluorooctane Sulfonate (PFOS) and a Binary Mixture of PFOS and Perfluorohexane Sulfonate. *Environmental Toxicology and Chemistry*, **2021**, 40, 899-909	3.8	10
75	Stable isotopic composition of perchlorate and nitrate accumulated in plants: Hydroponic experiments and field data. *Science of the Total Environment*, **2017**, 595, 556-566	10.2	9
74	Plant Uptake of Per- and Polyfluoroalkyl Acids under a Maximum Bioavailability Scenario. *Environmental Toxicology and Chemistry*, **2019**, 38, 2497-2502	3.8	9
73	Uptake and elimination of perchlorate in eastern mosquitofish. *Chemosphere*, **2006**, 63, 1591-7	8.4	9
72	Food chain transfer of perchlorate in largemouth bass, Micropterus salmoides. *Bulletin of Environmental Contamination and Toxicology*, **2005**, 74, 56-63	2.7	9
71	In utero and lactational exposure to ammonium perchlorate in drinking water: effects on developing deer mice at postnatal day 21. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2002**, 65, 1061-76	3.2	9
70	A Chemical Test for Determining Biological Availability of Aged Chemicals in Soil. *International Journal of Environmental Analytical Chemistry*, **2000**, 78, 41-49	1.8	9
69	Passive sampling devices as surrogates for evaluating bio availability of aged chemicals in soil. *Toxicological and Environmental Chemistry*, **1999**, 73, 25-42	1.4	9
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