

Todd A Anderson

List of Publications by Year in Descending Order

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

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	Perfluoroalkyl acids in sediment and water surrounding historical fire training areas at Barksdale Air Force Base.. <i>PeerJ</i> , 2022 , 10, e13054	3.1	2
226	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	3.8	6
225	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	3.8	1
224	Emerging and Historical Contaminants Detected in Desert Rodents Collected Near a Low-Level Radioactive Waste Site. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 727-734	3.8	0
223	The Effects of Soil Organic Carbon Content on Plant Uptake of Soil Perfluoro Alkyl Acids (PFAAs) and the Potential Regulatory Implications. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 820-833	3.8	1
222	Key Considerations for Accurate Exposures in Ecotoxicological Assessments of Perfluorinated Carboxylates and Sulfonates. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 677-688	3.8	10
221	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	3.8	10
220	Determination of phosphite (HPO) by a new IC/MS/MS method using an O-labeled HPO internal standard. <i>Talanta</i> , 2021 , 230, 122198	6.2	0
219	Origin of the isotopic composition of natural perchlorate: Experimental results for the impact of reaction pathway and initial ClOx reactant. <i>Geochimica Et Cosmochimica Acta</i> , 2021 , 311, 292-315	5.5	2
218	Species- and Tissue-Specific Chronic Toxicity Values for Northern Bobwhite Quail (<i>Colinus virginianus</i>) Exposed to PFHxA and a Binary Mixture of PFOS and PFHxA. <i>Environmental Toxicology and Chemistry</i> , 2021 ,	3.8	1
217	Aquatic phytoremediation strategies for chromium removal. <i>Reviews in Environmental Science and Biotechnology</i> , 2020 , 19, 897-944	13.9	13
216	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	3.8	15
215	Terrestrial Toxicity of Synthetic Gas-to-Liquid versus Crude Oil-Derived Drilling Fluids in Soil. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 721-730	3.8	
214	Ecotoxicity of three plant-based biodiesels and diesel using, <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2020 , 260, 113965	9.3	6
213	Sorption of three common nonsteroidal anti-inflammatory drugs (NSAIDs) to microplastics. <i>Science of the Total Environment</i> , 2020 , 715, 136974	10.2	47
212	Polycyclic aromatic hydrocarbons in breast milk of obese vs normal women: Infant exposure and risk assessment. <i>Science of the Total Environment</i> , 2019 , 668, 658-667	10.2	13
211	Plant Uptake of Per- and Polyfluoroalkyl Acids under a Maximum Bioavailability Scenario. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 2497-2502	3.8	9

210	Monitoring cyanobacterial toxins in a large reservoir: relationships with water quality parameters. <i>PeerJ</i> , 2019 , 7, e7305	3.1	5
209	Tracking neonicotinoids following their use as cotton seed treatments. <i>PeerJ</i> , 2019 , 7, e6805	3.1	2
208	Perfluoroalkylsulfonic and carboxylic acids in earthworms (<i>Eisenia fetida</i>): Accumulation and effects results from spiked soils at PFAS concentrations bracketing environmental relevance. <i>Chemosphere</i> , 2018 , 199, 168-173	8.4	28
207	Evaluation of Selected Pharmaceuticals on Plant Stress Markers in Wheat. <i>International Journal of Environmental Research</i> , 2018 , 12, 179-188	2.9	6
206	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	3.8	19
205	Assessment of three plant-based biodiesels using a <i>Daphnia magna</i> bioassay. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4506-4515	5.1	7
204	Heterogeneous Production of Perchlorate and Chlorate by Ozone Oxidation of Chloride: Implications on the Source of (Per)Chlorate in the Solar System. <i>ACS Earth and Space Chemistry</i> , 2018 , 2, 87-94	3.2	15
203	Stable isotopic composition of perchlorate and nitrate accumulated in plants: Hydroponic experiments and field data. <i>Science of the Total Environment</i> , 2017 , 595, 556-566	10.2	9
202	Agrochemical Mixtures Detected on Wildflowers near Cattle Feed Yards. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 216-220	11	17
201	Microplastics in a freshwater environment receiving treated wastewater effluent. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 528-532	2.5	81
200	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	3.8	33
199	Biophysical Viscosity: Thermodynamic Principles of Per Capita Chemical Potentials in Human Populations. <i>ACS Omega</i> , 2017 , 2, 2878-2882	3.9	
198	Preliminary Toxicity Evaluation of Aluminum/Iodine Pentoxide on Terrestrial and Aquatic Invertebrates. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	1
197	Heavy metal content in tea soils and their distribution in different parts of tea plants, <i>Camellia sinensis</i> (L). O. Kuntze. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 428	3.1	17
196	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 arenicolus</i>). <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 1276-83	3.8	1
195	Organochlorine Pesticide Residues in Caudal Scutes of Belize Morelet's Crocodiles (<i>Crocodylus moreletii</i>). <i>Journal of Herpetology</i> , 2016 , 50, 552-558	1.1	4
194	Insights into reptile dermal contaminant exposure: Reptile skin permeability to pesticides. <i>Chemosphere</i> , 2016 , 154, 17-22	8.4	12
193	Local and landscape influences on PAH contamination in urban stormwater. <i>Landscape and Urban Planning</i> , 2015 , 142, 29-37	7.7	18

192	Global patterns and environmental controls of perchlorate and nitrate co-occurrence in arid and semi-arid environments. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 164, 502-522	5.5	77
191	The influence of multiwalled carbon nanotubes on polycyclic aromatic hydrocarbon (PAH) bioavailability and toxicity to soil microbial communities in alfalfa rhizosphere. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 116, 143-9	7	40
190	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, 1778-86	3.8	37
189	The use of chlorate, nitrate, and perchlorate to promote crude oil mineralization in salt marsh sediments. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 15377-85	5.1	5
188	Phytotoxicity of three plant-based biodiesels, unmodified castor oil, and Diesel fuel to alfalfa (<i>Medicago sativa</i> L.), lettuce (<i>Lactuca sativa</i> L.), radish (<i>Raphanus sativus</i>), and wheatgrass (<i>Triticum aestivum</i>). <i>Ecotoxicology and Environmental Safety</i> , 2015 , 122, 268-74	7	14
187	Chemical characterization of <i>Brickellia cavanillesii</i> (Asteraceae) using gas chromatographic methods. <i>Food Science and Nutrition</i> , 2014 , 2, 105-13	3.2	7
186	Atmospheric Plasma Effect on Cotton Nonwovens. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 12587-12593	3.9	7
185	C60 fullerene soil sorption, biodegradation, and plant uptake. <i>Environmental Science & Technology</i> , 2014 , 48, 2792-7	10.3	83
184	A <i>Daphnia</i> population model that considers pesticide exposure and demographic stochasticity. <i>Ecological Modelling</i> , 2014 , 275, 37-47	3	6
183	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	3.7	22
182	Organochlorine pesticides in squamate reptiles from southern Arizona, USA. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 654-9	2.7	3
181	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. <i>Science of the Total Environment</i> , 2013 , 461-462, 560-7	10.2	27
180	Assessing an intermittently operated household scale slow sand filter paired with household bleach for the removal of endocrine disrupting compounds. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013 , 48, 753-9	2.3	4
179	Effects of landuse and precipitation on pesticides and water quality in playa lakes of the southern high plains. <i>Chemosphere</i> , 2013 , 92, 84-90	8.4	103
178	Bioaccumulation of petroleum hydrocarbons in fiddler crabs (<i>Uca minax</i>) exposed to weathered MC-252 crude oil alone and in mixture with an oil dispersant. <i>Science of the Total Environment</i> , 2013 , 444, 121-7	10.2	18
177	Polyaromatic hydrocarbons (PAHs) sorption behavior unaffected by the presence of multi-walled carbon nanotubes (MWNTs) in a natural soil system. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 1130-6	4.3	33
176	Mobility of polyaromatic hydrocarbons (PAHs) in soil in the presence of carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 96, 168-74	7	46
175	Determining the operational limits of the biosand filter. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 56-65	1.4	6

174	Photochemical transformation of the insensitive munitions compound 2,4-dinitroanisole. <i>Science of the Total Environment</i> , 2013 , 443, 692-9	10.2	45
173	Absorption, distribution, and biotransformation of hexahydro-1,3,5-trinitro-1,3,5-triazine in B6C3F1 mice (<i>Mus musculus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1295-303	3.8	1
172	Temporal analysis of the cocaine metabolite benzoylecgonine in wastewater to estimate community drug use. <i>Journal of Forensic Sciences</i> , 2012 , 57, 1349-53	1.8	14
171	Occurrence of synthetic musk fragrances in effluent and non-effluent impacted environments. <i>Science of the Total Environment</i> , 2012 , 416, 253-60	10.2	85
170	Occurrence, fate, and persistence of gemfibrozil in water and soil. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 550-5	3.8	64
169	Perchlorate Depositional History as Recorded in North American Ice Cores from the Eclipse Icefield, Canada, and the Upper Fremont Glacier, USA. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 181-188	2.6	16
168	Accumulation and effects of octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) exposure in the green anole (<i>Anolis carolinensis</i>). <i>Ecotoxicology</i> , 2012 , 21, 304-14	2.9	6
167	Hydraulic Loading Rate Effect on Removal Rates in a BioSand Filter: A Pilot Study of Three Conditions. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4527-4537	2.6	30
166	Uptake of ¹⁷ β-trenbolone and subsequent metabolite trendione by the pinto bean plant (<i>Phaseolus vulgaris</i>). <i>Ecotoxicology and Environmental Safety</i> , 2012 , 85, 110-4	7	5
165	Inorganic and organic contaminants in sediments from an urban playa and associated toxicity among <i>Hyalella azteca</i> . <i>Toxicological and Environmental Chemistry</i> , 2012 , 94, 1746-1757	1.4	3
164	Evaluating RO performance with biological pretreatment of graywater. <i>Journal of Water Reuse and Desalination</i> , 2012 , 2, 109-120	2.6	1
163	Steady state and dynamic modeling of RO desalination modules and system using EES 2011 ,		1
162	Uptake of ¹⁷ Ethinylestradiol and triclosan in pinto bean, <i>Phaseolus vulgaris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1336-42	7	75
161	Determination of fullerenes (C60) in artificial sediments by liquid chromatography. <i>Talanta</i> , 2011 , 87, 35-9	6.2	11
160	Photolytic breakdown of fullerene C60 cages in an aqueous suspension. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 1225-9	1.3	3
159	Occurrence of PPCPs at a Wastewater Treatment Plant and in Soil and Groundwater at a Land Application Site. <i>Water, Air, and Soil Pollution</i> , 2011 , 216, 257-273	2.6	96
158	Microbially Mediated Degradation of Common Pharmaceuticals and Personal Care Products in Soil Under Aerobic and Reduced Oxygen Conditions. <i>Water, Air, and Soil Pollution</i> , 2011 , 216, 633-642	2.6	47
157	Biological Degradation of Common Pharmaceuticals and Personal Care Products in Soils with High Water Content. <i>Water, Air, and Soil Pollution</i> , 2011 , 217, 127-134	2.6	22

156	The effect of fullerenes and functionalized fullerenes on <i>Daphnia magna</i> phototaxis and swimming behavior. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 878-84	3.8	22
155	Effects of predator cues on pesticide toxicity: toward an understanding of the mechanism of the interaction. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1926-34	3.8	30
154	Ocular disease in American crocodiles (<i>Crocodylus acutus</i>) in Costa Rica. <i>Journal of Wildlife Diseases</i> , 2011 , 47, 415-26	1.3	20
153	Perchlorate formation by ozone oxidation of aqueous chlorine/oxy-chlorine species: role of ClxOy radicals. <i>Environmental Science & Technology</i> , 2010 , 44, 2961-7	10.3	75
152	Surface water mitigates the anti-metamorphic effects of perchlorate in New Mexico spadefoot toads (<i>Spea multiplicata</i>) and African clawed frogs (<i>Xenopus laevis</i>). <i>Chemosphere</i> , 2010 , 78, 280-5	8.4	13
151	Lipid Mass and Fatty Acid Composition of <i>Spea</i> spp. in Playa Wetlands as Influenced by Land Use. <i>Wetlands</i> , 2010 , 30, 220-230	1.7	4
150	Sorption of estrogens, triclosan, and caffeine in a sandy loam and a silt loam soil. <i>Journal of Soils and Sediments</i> , 2010 , 10, 1300-1307	3.4	84
149	Adaptive responses and latent costs of multigeneration cadmium exposure in parasite resistant and susceptible strains of a freshwater snail. <i>Ecotoxicology</i> , 2010 , 19, 1466-75	2.9	34
148	Spatial distribution of lead concentrations in urban surface soils of New Orleans, Louisiana USA. <i>Environmental Geochemistry and Health</i> , 2010 , 32, 379-89	4.7	16
147	Acute and chronic toxicity of Roundup Weathermax and Ignite 280 SL to larval <i>Spea multiplicata</i> and <i>S. bombifrons</i> from the Southern High Plains, USA. <i>Environmental Pollution</i> , 2010 , 158, 2610-7	9.3	16
146	Lead distributions and risks in New Orleans following Hurricanes Katrina and Rita. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1429-37	3.8	8
145	Effects of functionalized fullerenes on bifenthrin and tribufos toxicity to <i>Daphnia magna</i> : Survival, reproduction, and growth rate. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2600-6	3.8	29
144	Environmental Toxicology of Munitions-Related Compounds 2010 , 15-38		
143	Toxicity of a glufosinate- and several glyphosate-based herbicides to juvenile amphibians from the Southern High Plains, USA. <i>Science of the Total Environment</i> , 2009 , 407, 1065-71	10.2	40
142	Reproductive toxicity of nitroaromatics to the cricket, <i>Acheta domesticus</i> . <i>Science of the Total Environment</i> , 2009 , 407, 5046-9	10.2	17
141	Assessment of organochlorine pesticides and metals in ring-tailed lemurs (<i>Lemur catta</i>) at Beza Mahafaly Special Reserve, Madagascar. <i>American Journal of Primatology</i> , 2009 , 71, 998-1010	2.5	11
140	Characteristics of perchlorate formation via photodissociation of aqueous chlorite. <i>Environmental Chemistry</i> , 2009 , 6, 53	3.2	28
139	Perchlorate in wet deposition across North America. <i>Environmental Science & Technology</i> , 2009 , 43, 616-22	10.3	99

138	Uptake, bioaccumulation, and biodegradation of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) and its reduced metabolites (MNX and TNX) by the earthworm (<i>Eisenia fetida</i>). <i>Chemosphere</i> , 2009 , 76, 76-82	8.4	8
137	Size estimation, morphometrics, sex ratio, sexual size dimorphism, and biomass of Morelet's crocodile in northern Belize. <i>Caribbean Journal of Science</i> , 2009 , 45, 80-93	0.2	49
136	Perchlorate production by ozone oxidation of chloride in aqueous and dry systems. <i>Science of the Total Environment</i> , 2008 , 405, 301-9	10.2	67
135	Development of a method for the determination of 9 currently used cotton pesticides by gas chromatography with electron capture detection. <i>Talanta</i> , 2008 , 75, 1055-60	6.2	61
134	Plasma vitellogenin in Morelet's crocodiles from contaminated habitats in northern Belize. <i>Environmental Pollution</i> , 2008 , 153, 101-9	9.3	12
133	Effect of two major N-nitroso hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) metabolites on earthworm reproductive success. <i>Environmental Pollution</i> , 2008 , 153, 658-67	9.3	13
132	Effects of HMX exposure upon metabolic rate of northern bobwhite quail (<i>Colinus virginianus</i>) in ovo. <i>Chemosphere</i> , 2008 , 71, 1945-9	8.4	4
131	Monitoring Estrogen Compounds in Wastewater Recycling Systems. <i>Water, Air, and Soil Pollution</i> , 2008 , 188, 31-40	2.6	21
130	Perchlorate Distribution, Excretion, and Depuration in Prairie Voles and Deer Mice. <i>Water, Air, and Soil Pollution</i> , 2008 , 192, 127-139	2.6	6
129	Organochlorine pesticide concentrations in sediment and amphibian tissue in playa wetlands in the southern high plains, USA. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 80, 497-501	2.7	16
128	Treatment of RDX using down-flow constructed wetland mesocosms. <i>Ecological Engineering</i> , 2008 , 32, 72-80	3.9	8
127	Uptake, elimination, and relative distribution of perchlorate in various tissues of channel catfish. <i>Environmental Science & Technology</i> , 2007 , 41, 7581-6	10.3	11
126	CONSUMPTION OF LARGE MAMMALS BY CROCODYLUS MORELETII: FIELD OBSERVATIONS OF NECROPHAGY AND INTERSPECIFIC KLEPTOPARASITISM. <i>Southwestern Naturalist</i> , 2007 , 52, 310-317	0.3	16
125	Effects of perchlorate on sodium-iodide symporter and pendrin gene expression in deer mice. <i>Environmental Toxicology</i> , 2007 , 22, 390-8	4.2	5
124	Metals and organochlorine pesticides in caudal scutes of crocodiles from Belize and Costa Rica. <i>Science of the Total Environment</i> , 2007 , 373, 146-56	10.2	66
123	Spatial and temporal evaluation of metal concentrations in soils and sediments from New Orleans, Louisiana, USA, following hurricanes Katrina and Rita. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2108-14	3.8	12
122	Fatty acid profile in milk from goats, <i>Capra aegagrus hircus</i> , exposed to perchlorate and its relationship with perchlorate residues in human milk. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 472-7	2.7	2
121	Evaluation of Passive Sampling Devices as Potential Surrogates of Perchlorate Uptake into Soybean. <i>Water, Air, and Soil Pollution</i> , 2007 , 182, 107-116	2.6	1

120	microRNAs as oncogenes and tumor suppressors. <i>Developmental Biology</i> , 2007 , 302, 1-12	3.1	1977
119	Extraction and determination of trace amounts of energetic compounds in blood by gas chromatography with electron capture detection (GC/ECD). <i>Talanta</i> , 2007 , 72, 612-9	6.2	12
118	N-Nitroso compounds produced in deer mouse (<i>Peromyscus maniculatus</i>) GI tracts following hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) exposure. <i>Chemosphere</i> , 2007 , 67, 1164-70	8.4	14
117	Identification of cotton microRNAs and their targets. <i>Gene</i> , 2007 , 397, 26-37	3.8	171
116	Widespread natural perchlorate in unsaturated zones of the southwest United States. <i>Environmental Science & Technology</i> , 2007 , 41, 4522-8	10.3	137
115	Evaluation of Passive Sampling Devices as Potential Surrogates of Metal Uptake into Soybean. <i>Journal of Plant Nutrition</i> , 2007 , 31, 1-17	2.3	
114	Evidence that miRNAs are different from other RNAs. <i>Cellular and Molecular Life Sciences</i> , 2006 , 63, 246-54	5.3	442
113	Effects of perchlorate on earthworm (<i>Eisenia fetida</i>) survival and reproductive success. <i>Science of the Total Environment</i> , 2006 , 363, 237-44	10.2	29
112	MicroRNA: a new player in stem cells. <i>Journal of Cellular Physiology</i> , 2006 , 209, 266-9	7	99
111	Occurrence and Formation of Non-Anthropogenic Perchlorate		8
110	Development of an extraction method for perchlorate in soils. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 399-405		3
109	A cleanup method for perchlorate determination in urine. <i>Talanta</i> , 2006 , 68, 1457-62	6.2	8
108	Uptake and exudation behavior of perchlorate in smartweed. <i>International Journal of Phytoremediation</i> , 2006 , 8, 13-24	3.9	15
107	Widespread presence of naturally occurring perchlorate in high plains of Texas and New Mexico. <i>Environmental Science & Technology</i> , 2006 , 40, 3156-62	10.3	132
106	Assessment of pathogens and toxicants in New Orleans, LA following Hurricane Katrina. <i>Environmental Science & Technology</i> , 2006 , 40, 468-74	10.3	131
105	Metal distributions in New Orleans following hurricanes Katrina and Rita: A continuation study. <i>Environmental Science & Technology</i> , 2006 , 40, 4571-7	10.3	33
104	Response to Comment on "Widespread Presence of Naturally Occurring Perchlorate in High Plains of Texas and New Mexico" <i>Environmental Science & Technology</i> , 2006 , 40, 7102-7102	10.3	
103	Organochlorine contaminants in complete clutches of Morelet's crocodile (<i>Crocodylus moreletii</i>) eggs from Belize. <i>Environmental Pollution</i> , 2006 , 144, 151-7	9.3	24

102	Effects of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) metabolites on cricket (<i>Acheta domesticus</i>) survival and reproductive success. <i>Environmental Pollution</i> , 2006 , 144, 540-4	9.3	16
101	Identification of 188 conserved maize microRNAs and their targets. <i>FEBS Letters</i> , 2006 , 580, 3753-62	3.8	181
100	Uptake and elimination of perchlorate in eastern mosquitofish. <i>Chemosphere</i> , 2006 , 63, 1591-7	8.4	9
99	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 <i>Eisenia fetida</i> . <i>Chemosphere</i> , 2006 , 64, 86-95	8.4	27
98	Uptake, accumulation and depuration of sodium perchlorate and sodium arsenate in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2006 , 65, 1679-89	8.4	18
97	The thyroid endocrine disruptor perchlorate affects reproduction, growth, and survival of mosquitofish. <i>Ecotoxicology and Environmental Safety</i> , 2006 , 63, 343-52	7	46
96	Perchlorate in fish from a contaminated site in east-central Texas. <i>Environmental Pollution</i> , 2006 , 139, 59-69	9.3	34
95	Plant microRNA: a small regulatory molecule with big impact. <i>Developmental Biology</i> , 2006 , 289, 3-16	3.1	558
94	Liquid chromatography/electrospray ionization tandem mass spectrometry analysis of octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX). <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2222-6	2.2	14
93	Conservation and divergence of plant microRNA genes. <i>Plant Journal</i> , 2006 , 46, 243-59	6.9	593
92	Challenges in determining perchlorate in biological tissues and fluids: implications for characterizing perchlorate exposure. <i>Analytica Chimica Acta</i> , 2006 , 567, 66-72	6.6	14
91	Photochemical formation of perchlorate from aqueous oxychlorine anions. <i>Analytica Chimica Acta</i> , 2006 , 567, 48-56	6.6	61
90	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. <i>Journal of Chromatography A</i> , 2006 , 1101, 38-45	4.5	19
89	Optimization of operating conditions for the determination of perchlorate in biological samples using preconcentration/preelution ion chromatography. <i>Journal of Chromatography A</i> , 2006 , 1103, 102-945	4.5	17
88	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. <i>Journal of Chromatography A</i> , 2006 , 1107, 2-8	4.5	44
87	Computational identification of microRNAs and their targets. <i>Computational Biology and Chemistry</i> , 2006 , 30, 395-407	3.6	145
86	Thyroid function and reproductive success in rodents exposed to perchlorate via food and water. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1050-9	3.8	12
85	Phytoremediation An Overview. <i>Critical Reviews in Plant Sciences</i> , 2005 , 24, 109-122	5.6	206

84	Perchlorate accumulation in forage and edible vegetation. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 369-73	5.7	109
83	Temporal and spatial variation of perchlorate in streambed sediments: results from in-situ dialysis samplers. <i>Environmental Pollution</i> , 2005 , 136, 283-91	9.3	17
82	Preconcentration/preelution ion chromatography for the determination of perchlorate in complex samples. <i>Talanta</i> , 2005 , 65, 750-5	6.2	33
81	The origin of naturally occurring perchlorate: the role of atmospheric processes. <i>Environmental Science & Technology</i> , 2005 , 39, 1569-75	10.3	324
80	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 824, 277-82	3.2	21
79	Measuring gene flow in the cultivation of transgenic cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Biotechnology</i> , 2005 , 31, 11-20	3	27
78	Organochlorine pesticides and mercury in cottonmouths (<i>Agkistrodon piscivorus</i>) from northeastern Texas, USA. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 665-73	3.8	30
77	Patterns of genotoxicity and contaminant exposure: evidence of genomic instability in the marsh frogs (<i>Rana ridibunda</i>) of Sumgayit, Azerbaijan. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2055-64	3.8	19
76	Novel biomarkers of perchlorate exposure in zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1107-15	3.8	41
75	Identification and characterization of new plant microRNAs using EST analysis. <i>Cell Research</i> , 2005 , 15, 336-60	24.7	364
74	Perchlorate occurrence in the Texas Southern High Plains Aquifer System. <i>Ground Water Monitoring and Remediation</i> , 2005 , 25, 137-149	1.4	48
73	Food chain transfer of perchlorate in largemouth bass, <i>Micropterus salmoides</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 56-63	2.7	9
72	Monitoring perchlorate exposure and thyroid hormone status among raccoons inhabiting a perchlorate-contaminated site. <i>Environmental Monitoring and Assessment</i> , 2005 , 102, 337-47	3.1	6
71	Organochlorine pesticides in chorioallantoic membranes of Morelet's crocodile eggs from Belize. <i>Journal of Wildlife Diseases</i> , 2004 , 40, 493-500	1.3	25
70	Degradation Kinetics of Perchlorate in Sediments and Soils. <i>Water, Air, and Soil Pollution</i> , 2004 , 151, 245-259		43
69	Effect of sediment on the fate of metolachlor and atrazine in surface water. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1145-55	3.8	32
68	Experimental verification of failure of Amontons' law in polymeric textiles. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 3879-3885	2.9	8
67	Perchlorate Remediation by Electrokinetic Extraction and Electrokinetic Injection of Substrates. <i>Bioremediation Journal</i> , 2004 , 8, 65-78	2.3	3

66	A study on perchlorate exposure and absorption in beef cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 3456-61	5.7	22
65	Perchlorate in water, soil, vegetation, and rodents collected from the Las Vegas Wash, Nevada, USA. <i>Environmental Pollution</i> , 2004 , 132, 121-7	9.3	64
64	Fate of perchlorate-contaminated water in upflow wetlands. <i>Water Research</i> , 2004 , 38, 4173-85	12.5	14
63	Uptake of perchlorate in terrestrial plants. <i>Ecotoxicology and Environmental Safety</i> , 2004 , 58, 44-9	7	74
62	Technical Note: Electrochemical Generation of Perchlorate in Municipal Drinking Water Systems. <i>Journal - American Water Works Association</i> , 2004 , 96, 103-108	0.5	14
61	Electrochemical Generation of Perchlorate Ions in Chlorinated Drinking Water. <i>Corrosion</i> , 2004 , 60, 757-763	4	4
60	Accumulation of perchlorate in aquatic and terrestrial plants at a field scale. <i>Journal of Environmental Quality</i> , 2004 , 33, 1638-46	3.4	43
59	Using chorioallantoic membranes for non-lethal assessment of persistent organic pollutant exposure and effect in oviparous wildlife. <i>Ecotoxicology</i> , 2003 , 12, 31-45	2.9	11
58	Environmental exposure to polychlorinated biphenyls among raccoons (<i>Procyon lotor</i>) at the Paducah Gaseous Diffusion Plant, Western Kentucky, USA. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 406-416	3.8	4
57	Effects of ammonium perchlorate on the reproductive performance and thyroid follicle histology of zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1115-1121	3.8	68
56	Determination of trace perchlorate in high-salinity water samples by ion chromatography with on-line preconcentration and preelution. <i>Analytical Chemistry</i> , 2003 , 75, 701-6	7.8	63
55	Organochlorine pesticides in elementary school yards along the Texas-Mexico border. <i>Environmental Pollution</i> , 2003 , 126, 65-71	9.3	15
54	Perchlorate in milk. <i>Environmental Science & Technology</i> , 2003 , 37, 4979-81	10.3	140
53	. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 406	3.8	2
52	Environmental exposure to polychlorinated biphenyls among raccoons (<i>Procyon lotor</i>) at the paducah gaseous diffusion plant, Western Kentucky, USA. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 406-16	3.8	1
51	Environmentally relevant concentrations of ammonium perchlorate inhibit development and metamorphosis in <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 424-430	3.8	80
50	Environmentally relevant concentrations of ammonium perchlorate inhibit thyroid function and alter sex ratios in developing <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 590-597	3.8	121
49	Extraction, cleanup, and analysis of the perchlorate anion in tissue samples. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002 , 68, 684-91	2.7	40

48	Mercury in Morelet's crocodile eggs from northern Belize. <i>Archives of Environmental Contamination and Toxicology</i> , 2002 , 42, 319-24	3.2	33
47	In utero and lactational exposure to ammonium perchlorate in drinking water: effects on developing deer mice at postnatal day 21. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 1061-76	3.2	9
46	Effects of in utero and lactational ammonium perchlorate exposure on thyroid gland histology and thyroid and sex hormones in developing deer mice (<i>peromyscus maniculatus</i>) through postnatal day 21. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 2119-30	3.2	14
45	Organochlorine contaminants in eggs: the influence of contaminated nest material. <i>Chemosphere</i> , 2002 , 47, 585-9	8.4	15
44	. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 424	3.8	38
43	. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 590	3.8	5
42	Environmentally relevant concentrations of ammonium perchlorate inhibit development and metamorphosis in <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 424-30	3.8	21
41	Environmentally relevant concentrations of ammonium perchlorate inhibit thyroid function and alter sex ratios in developing <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 590-7	3.8	29
40	Preliminary assessment of perchlorate in ecological receptors at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas. <i>Ecotoxicology</i> , 2001 , 10, 305-13	2.9	95
39	Degradation of an Atrazine and Metolachlor Herbicide Mixture in Pesticide-Contaminated Soils from Two Agrochemical Dealerships in Iowa. <i>Water, Air, and Soil Pollution</i> , 2000 , 119, 75-90	2.6	26
38	Mineralization of Propylene Glycol in Root Zone Soil. <i>Water, Air, and Soil Pollution</i> , 2000 , 118, 53-64	2.6	13
37	A Chemical Test for Determining Biological Availability of Aged Chemicals in Soil. <i>International Journal of Environmental Analytical Chemistry</i> , 2000 , 78, 41-49	1.8	9
36	European starling nestling response to chlorpyrifos exposure in a corn agroecosystem. <i>Toxicological and Environmental Chemistry</i> , 2000 , 75, 215-234	1.4	3
35	Exposure Assessment of <i>Rana catesbeiana</i> Collected from a Chlorpyrifos-Treated Cornfield. <i>ACS Symposium Series</i> , 2000 , 119-129	0.4	
34	Organochlorine contaminants in Morelet's crocodile (<i>Crocodylus moreletii</i>) eggs from Belize. <i>Chemosphere</i> , 2000 , 40, 671-8	8.4	43
33	Degradation of atrazine, metolachlor, and pendimethalin in pesticide-contaminated soils: effects of aged residues on soil respiration and plant survival. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2000 , 35, 417-38	2.2	18
32	DDE in eggs of two crocodile species from Belize. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 6416-20	5.7	26
31	Passive sampling devices as surrogates for evaluating bio availability of aged chemicals in soil. <i>Toxicological and Environmental Chemistry</i> , 1999 , 73, 25-42	1.4	9

30	Methanotrophic Bacteria in the Rhizosphere of Trichloroethylene-Degrading Plants. <i>International Journal of Phytoremediation</i> , 1999 , 1, 241-253	3.9	12
29	Mobility and Degradation of Pesticides and Their Degradates in Intact Soil Columns. <i>ACS Symposium Series</i> , 1998 , 88-114	0.4	2
28	Enhanced degradation of deethylatrazine in an atrazine-history soil of Iowa. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 1997 , 32, 599-620	2.2	11
27	Evaluation of the Use of Vegetation for Reducing the Environmental Impact of Deicing Agents. <i>ACS Symposium Series</i> , 1997 , 162-176	0.4	7
26	Phytoremediation of Herbicide-Contaminated Surface Water with Aquatic Plants. <i>ACS Symposium Series</i> , 1997 , 133-151	0.4	15
25	Atrazine Degradation in Pesticide-Contaminated Soils: Phytoremediation Potential. <i>ACS Symposium Series</i> , 1997 , 54-64	0.4	5
24	Phytoremediation of Contaminated Water and Soil. <i>ACS Symposium Series</i> , 1997 , 2-17	0.4	107
23	Comparative Fates of Atrazine and Deethylatrazine in Sterile and Nonsterile Soils. <i>Journal of Environmental Quality</i> , 1997 , 26, 95-101	3.4	61
22	Synthesis of 3H-polyethylene and its use for fate studies on degradable plastics. <i>Journal of Polymers and the Environment</i> , 1997 , 5, 119-124		1
21	Phytoremediation of Soils Contaminated with Organic Pollutants. <i>Advances in Agronomy</i> , 1996 , 56, 55-114	1.7	314
20	Use of Undisturbed Soil Columns under Controlled Conditions To Study the Fate of [14C]Deethylatrazine. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 1144-1149	5.7	11
19	Fate of Methyl Bromide in Fumigated Soils. <i>ACS Symposium Series</i> , 1996 , 42-52	0.4	1
18	The influence of soil environmental variables on the degradation and volatility of methyl bromide in soil. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 1723-1729	3.8	3
17	Enhanced Mineralization of [14C]Atrazine in Kochia scoparia Rhizospheric Soil from a Pesticide-Contaminated Site. <i>Pest Management Science</i> , 1996 , 46, 391-396		48
16	Comparative fate of [14C]trichloroethylene in the root zone of plants from a former solvent disposal site. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 2041-2047	3.8	82
15	Consumption and degradation of 3H-polyethylene/starch disks by terrestrial isopods. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1995 , 54, 214-21	2.7	3
14	Degradation of hazardous organic compounds by rhizosphere microbial communities. <i>Progress in Industrial Microbiology</i> , 1995 , 32, 205-225		8
13	Screening rhizosphere soil samples for the ability to mineralize elevated concentrations of atrazine and metolachlor. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 1995 , 30, 473-484	2.2	47

12	Bioremediation in the biosphere. Reply to comments. <i>Environmental Science & Technology</i> , 1995 , 29, 552	10.3	3
11	. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 2041	3.8	9
10	Rhizosphere Microbial Communities as a Plant Defense Against Toxic Substances in Soils. <i>ACS Symposium Series</i> , 1994 , 82-92	0.4	32
9	Biological Degradation of Pesticide Wastes in the Root Zone of Soils Collected at an Agrochemical Dealership. <i>ACS Symposium Series</i> , 1994 , 199-209	0.4	5
8	Enhanced degradation of a mixture of three herbicides in the rhizosphere of a herbicide-tolerant plant. <i>Chemosphere</i> , 1994 , 28, 1551-1557	8.4	110
7	Bioremediation in the rhizosphere.. <i>Environmental Science & Technology</i> , 1993 , 27, 2630-2636	10.3	542
6	The influence of soil macroinvertebrates on primary biodegradation of starch-containing polyethylene films. <i>Journal of Polymers and the Environment</i> , 1993 , 1, 301-306		18
5	Soil Sorption of Volatile and Semivolatile Organic Compounds in a Mixture. <i>Journal of Environmental Quality</i> , 1992 , 21, 552-558	3.4	28
4	Plant-microbe treatment systems for toxic waste. <i>Current Opinion in Biotechnology</i> , 1992 , 3, 267-270	11.4	35
3	Fate of Volatile and Semivolatile Organic Chemicals in Soils: Abiotic Versus Biotic Losses. <i>Journal of Environmental Quality</i> , 1991 , 20, 420-424	3.4	18
2	Physicochemical properties as predictors of organic chemical effects on soil microbial respiration. <i>Environmental Toxicology and Chemistry</i> , 1989 , 8, 53-63	3.8	14
1	Structural properties of organic chemicals as predictors of biodegradation and microbial toxicity in soils. <i>Chemosphere</i> , 1988 , 17, 1501-1507	8.4	17