

# Philip N Smith

## List of Publications by Year in descending order

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72  
papers

1,964  
citations

331670

21  
h-index

265206

42  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics, Bacteria, and Antibiotic Resistance Genes: Aerial Transport from Cattle Feed Yards via Particulate Matter. <i>Environmental Health Perspectives</i> , 2015, 123, 337-343.	6.0	278
2	Contaminant exposure in terrestrial vertebrates. <i>Environmental Pollution</i> , 2007, 150, 41-64.	7.5	166
3	Perchlorate Accumulation in Forage and Edible Vegetation. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 369-373.	5.2	119
4	Preliminary assessment of perchlorate in ecological receptors at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas. <i>Ecotoxicology</i> , 2001, 10, 305-313.	2.4	116
5	Toxicity of Three Polyethoxylated Tallowamine Surfactant Formulations to Laboratory and Field Collected Fairy Shrimp, <i>Thamnocephalus platyurus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 217-221.	4.1	107
6	Mercury speciation and biomagnification in the food web of Caddo Lake, Texas and Louisiana, USA, a subtropical freshwater ecosystem. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1153-1162.	4.3	79
7	Perchlorate in water, soil, vegetation, and rodents collected from the Las Vegas Wash, Nevada, USA. <i>Environmental Pollution</i> , 2004, 132, 121-127.	7.5	71
8	Acute and Sub-Lethal Toxicity of Three POEA Surfactant Formulations to <i>Daphnia magna</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 510-514.	2.7	56
9	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, 1065-1071.	8.0	49
10	Accumulation of Perchlorate in Aquatic and Terrestrial Plants at a Field Scale. <i>Journal of Environmental Quality</i> , 2004, 33, 1638-1646.	2.0	47
11	Canine toys and training devices as sources of exposure to phthalates and bisphenol A: Quantitation of chemicals in leachate and in vitro screening for endocrine activity. <i>Chemosphere</i> , 2013, 93, 2245-2253.	8.2	41
12	ORGANOCHLORINE PESTICIDES AND MERCURY IN COTTONMOUTHS ( <i>AGKISTRODON PISCIVORUS</i> ) FROM NORTHEASTERN TEXAS, USA. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 665.	4.3	36
13	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, 2600-2606.	4.3	33
14	Pesticide resistance from historical agricultural chemical exposure in <i>Thamnocephalus platyurus</i> (Crustacea: Anostraca). <i>Environmental Pollution</i> , 2009, 157, 481-487.	7.5	32
15	Development of resistance to cyfluthrin and naphthalene among <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2009, 18, 600-609.	2.4	31
16	Occurrence and Characterization of Steroid Growth Promoters Associated with Particulate Matter Originating from Beef Cattle Feedyards. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8796-8803.	10.0	30
17	Pesticides Used on Beef Cattle Feed Yards Are Aerially Transported into the Environment Via Particulate Matter. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13008-13015.	10.0	30
18	Embryotoxicity of weathered crude oil from the Gulf of Mexico in mallard ducks ( <i>Anas</i> )	4.3	29

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19	The effect of fullerenes and functionalized fullerenes on <i>Daphnia magna</i> phototaxis and swimming behavior. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 878-884.	4.3	26
20	Agrochemical Mixtures Detected on Wildflowers near Cattle Feed Yards. <i>Environmental Science and Technology Letters</i> , 2017, 4, 216-220.	8.7	24
21	Inorganic elements in green sea turtles ( <i>Chelonia mydas</i> ): Relationships among external and internal tissues. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2020-2027.	4.3	23
22	A Study on Perchlorate Exposure and Absorption in Beef Cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3456-3461.	5.2	22
23	Mechanisms of resistance and cross-resistance to agrochemicals in the fairy shrimp <i>Thamnocephalus platyurus</i> (Crustacea: Anostraca). <i>Aquatic Toxicology</i> , 2009, 92, 140-145.	4.0	22
24	Embryotoxicity of mixtures of weathered crude oil collected from the Gulf of Mexico and Corexit 9500 in mallard ducks ( <i>Anas platyrhynchos</i> ). <i>Science of the Total Environment</i> , 2012, 426, 155-159.	8.0	21
25	Characterization of trenbolone acetate and estradiol metabolite excretion profiles in implanted steers. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2850-2858.	4.3	21
26	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.	3.7	19
27	Effects of 17 $\beta$ -trenbolone and melengestrol acetate on <i>Xenopus laevis</i> growth, development, and survival. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1151-1160.	5.3	19
28	Comparison of white-footed mice and rice rats as biomonitors of polychlorinated biphenyl and metal contamination. <i>Environmental Pollution</i> , 2002, 119, 261-268.	7.5	18
29	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.	6.5	18
30	Reproductive toxicity of nitroaromatics to the cricket, <i>Acheta domesticus</i> . <i>Science of the Total Environment</i> , 2009, 407, 5046-5049.	8.0	17
31	Acute and chronic toxicity of Roundup Weathermax <sup>®</sup> and Ignite <sup>®</sup> 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, 2610-2617.	7.5	17
32	Liquid chromatography-tandem mass spectrometry analysis of 17 $\beta$ -trenbolone, 17 $\alpha$ -trenbolone and trendione in airborne particulate matter. <i>Talanta</i> , 2011, 85, 1317-1323.	5.5	17
33	Embryotoxicity of Corexit 9500 in mallard ducks ( <i>Anas platyrhynchos</i> ). <i>Ecotoxicology</i> , 2012, 21, 662-666.	2.4	17
34	Transport mechanisms for veterinary pharmaceuticals from beef cattle feedyards to wetlands: Is aerial deposition a contributing source?. <i>Agriculture, Ecosystems and Environment</i> , 2018, 252, 14-21.	5.3	17
35	Exposure of Foraging Bees (Hymenoptera) to Neonicotinoids in the U.S. Southern High Plains. <i>Environmental Entomology</i> , 2020, 49, 528-535.	1.4	17
36	EFFECTS OF PERCHLORATE EXPOSURE ON RESTING METABOLISM, PEAK METABOLISM, AND THYROID FUNCTION IN THE PRAIRIE VOLE ( <i>MICROTUS OCHROGASTER</i> ). <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 678.	4.3	16

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37	Ractopamine in particulate matter emitted from beef cattle feedyards and playa wetlands in the Central Plains. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 970-974.	4.3	16
38	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, 280-285.	8.2	15
39	Airborne particulate matter collected near beef cattle feedyards induces androgenic and estrogenic activity in vitro. <i>Agriculture, Ecosystems and Environment</i> , 2015, 203, 29-35.	5.3	15
40	Use of nest bundles to monitor agrochemical exposure and effects among cavity nesting pollinators. <i>Environmental Pollution</i> , 2021, 286, 117142.	7.5	15
41	Phthalate ester leachates in aquatic mesocosms: Implications for ecotoxicity studies of endocrine disrupting compounds. <i>Chemosphere</i> , 2014, 103, 44-50.	8.2	14
42	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. <i>Chemosphere</i> , 2015, 138, 901-907.	8.2	14
43	Toxic responses of blue orchard mason bees ( <i>Osmia lignaria</i> ) following contact exposure to neonicotinoids, macrocyclic lactones, and pyrethroids. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111681.	6.0	13
44	THYROID FUNCTION AND REPRODUCTIVE SUCCESS IN RODENTS EXPOSED TO PERCHLORATE VIA FOOD AND WATER. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1050.	4.3	12
45	Plasma vitellogenin in Morelet's crocodiles from contaminated habitats in northern Belize. <i>Environmental Pollution</i> , 2008, 153, 101-109.	7.5	12
46	Effects of Polycyclic Aromatic Hydrocarbons in Northern Bobwhite Quail ( <i>Colinus virginianus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 540-551.	10.23	5038711
47	Toxicity of Agrochemicals Among Larval Painted Lady Butterflies ( <i>Vanessa cardui</i> ). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2629-2636.	4.3	10
48	Effects of Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) Exposure on Reproduction and Hatchling Development in Northern Bobwhite Quail. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 682-687.	2.3	9
49	Development of an extraction and cleanup procedure for a liquid chromatographic-mass spectrometric method to analyze octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine in eggs. <i>Talanta</i> , 2007, 71, 627-631.	5.5	8
50	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, 304-314.	2.4	8
51	Agrochemical occurrence on colocated wildflowers and wild bees collected near beef cattle feed yards and row crops. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 163-173.	2.9	8
52	Peer Reviewed: Wildlife Toxicology Revisited. <i>Environmental Science &amp; Technology</i> , 2003, 37, 178A-183A.	10.0	7
53	Perchlorate Distribution, Excretion, and Depuration in Prairie Voles and Deer Mice. <i>Water, Air, and Soil Pollution</i> , 2008, 192, 127-139.	2.4	7
54	Uptake of <sup>14</sup> C-trenbolone and subsequent metabolite trendione by the pinto bean plant ( <i>Phaseolus vulgaris</i> ). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 850-857.	10.7	107

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55	Monitoring perchlorate exposure and thyroid hormone status among raccoons inhabiting a perchlorate-contaminated site. <i>Environmental Monitoring and Assessment</i> , 2005, 102, 337-347.	2.7	6
56	Persistence of elevated concentrations of PM, affiliated pharmaceuticals, and tetracycline resistance genes downwind of feedyards. <i>Environmental Pollution</i> , 2019, 247, 467-473.	7.5	6
57	Radiative Properties of Coal Ash Deposits with Sintering Effects. <i>Energy &amp; Fuels</i> , 2019, 33, 5903-5910.	5.1	6
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.	4.3	5
59	Transfer of phthalates from c-polyvinyl chloride and cross-linked polyethylene pipe (PEX-b) into drinking water. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 588-596.	2.1	5
60	A preliminary evaluation of veterinary antibiotics, estrogens, in vitro estrogenic activity and microbial communities in airborne particulate matter collected near dairy production facilities. <i>Aerobiologia</i> , 2019, 35, 315-326.	1.7	5
61	Environmental polychlorinated biphenyl exposure and cytochromes P450 in raccoons ( <i>Procyon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	4
62	Effects of HMX exposure upon metabolic rate of northern bobwhite quail ( <i>Colinus virginianus</i> ) in ovo. <i>Chemosphere</i> , 2008, 71, 1945-1949.	8.2	4
63	The Ecotoxicology of Perchlorate in the Environment. , 2006, , 153-168.		4
64	Development of an enzyme-linked immunosorbent assay for vitellogenin of Morelet's crocodile ( <i>Crocodylus moreletii</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 50-58.	2.6	3
65	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.	1.2	3
66	The Meat of the Matter: Environmental Dissemination of Beef Cattle Agrochemicals. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 965-966.	4.3	3
67	ENVIRONMENTAL EXPOSURE TO POLYCHLORINATED BIPHENYLS AMONG RACCOONS (PROCYON LOTOR) AT THE PADUCAH GASEOUS DIFFUSION PLANT, WESTERN KENTUCKY, USA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 406.	4.3	2
68	Experimental diffusivity of energetic compounds determined by peak parking. <i>Journal of Hazardous Materials</i> , 2022, 424, 127681.	12.4	2
69	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.	4.3	2
70	Surface water mitigates the anti-metamorphic effects of elevated perchlorate concentrations in New Mexico spadefoot toad larvae ( <i>Spea multiplicata</i> ). <i>Environmental Science and Pollution Research</i> , 2017, 24, 17839-17844.	5.3	1
71	Environmental polychlorinated biphenyl exposure and cytochromes P450 in raccoons ( <i>Procyon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	1
72	Aqueous ractopamine exposure below 0.22â€‰mg/L has no effect on mortality, malformation, or growth of developing <i>Xenopus laevis</i> tadpoles. <i>Toxicological and Environmental Chemistry</i> , 2020, 102, 261-271.	1.2	0