

# Niladri Basu

## 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.

213  
papers

8,544  
citations

47  
h-index

87  
g-index

223  
ext. papers

10,691  
ext. citations

5.9  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
213	Occupational exposures to particulate matter and PM-associated polycyclic aromatic hydrocarbons at the Agbogbloshie waste recycling site in Ghana.. <i>Environment International</i> , <b>2022</b> , 158, 106971	12.9	1
212	Characterizing toxicity pathways of fluoxetine to predict adverse outcomes in adult fathead minnows ( <i>Pimephales promelas</i> ).. <i>Science of the Total Environment</i> , <b>2022</b> , 817, 152747	10.2	1
211	The performance of dried blood spots for the assessment of lead exposure: A narrative review with a systematic search. <i>Microchemical Journal</i> , <b>2022</b> , 172, 106930	4.8	1
210	Innovation in regulatory approaches for endocrine disrupting chemicals: The journey to risk assessment modernization in Canada. <i>Environmental Research</i> , <b>2022</b> , 204, 112225	7.9	4
209	The impact of mercury contamination on human health in the Arctic: A state of the science review.. <i>Science of the Total Environment</i> , <b>2022</b> , 154793	10.2	2
208	Toxicological risk of mercury for fish and invertebrate prey in the Arctic.. <i>Science of the Total Environment</i> , <b>2022</b> , 836, 155702	10.2	4
207	Consideration of metabolomics and transcriptomics data in the context of using avian embryos for toxicity testing.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2022</b> , 109370	3.2	0
206	Dietary nanoparticles compromise epithelial integrity and enhance translocation and antigenicity of milk proteins: An in vitro investigation.. <i>NanoImpact</i> , <b>2021</b> , 24, 100369	5.6	1
205	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. <i>BMC Public Health</i> , <b>2021</b> , 21, 2161	4.1	1
204	EcoToxXplorer: Leveraging Design Thinking to Develop a Standardized Web-Based Transcriptomics Analytics Platform for Diverse Users. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	1
203	Comparative analysis of transcriptomic points-of-departure (tPODs) and apical responses in embryo-larval fathead minnows exposed to fluoxetine.. <i>Environmental Pollution</i> , <b>2021</b> , 295, 118667	9.3	1
202	Spatial Distribution of Heavy Metals and Pollution of Environmental Media Around a Used Lead-acid Battery Recycling Center in Ibadan, Nigeria. <i>Journal of Health and Pollution</i> , <b>2021</b> , 11, 210304	2.6	0
201	Development of a Comprehensive Toxicity Pathway Model for 17βEthinylestradiol in Early Life Stage Fathead Minnows (). <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5024-5036	10.3	8
200	Ultrafast functional profiling of RNA-seq data for nonmodel organisms. <i>Genome Research</i> , <b>2021</b> , 31, 713-720	37.0	2
199	Characterizing the effects of titanium dioxide and silver nanoparticles released from painted surfaces due to weathering on zebrafish (). <i>Nanotoxicology</i> , <b>2021</b> , 15, 527-541	5.3	1
198	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. <i>NeuroToxicology</i> , <b>2021</b> , 84, 136-145	4.4	1
197	Global DNA (LINE-1) methylation is associated with lead exposure and certain job tasks performed by electronic waste workers. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 1931-1944	3.2	2

196	Assessing the Toxicity of 17β-Ethinylestradiol in Rainbow Trout Using a 4-Day Transcriptomics Benchmark Dose (BMD) Embryo Assay. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10608-10618	10.3	5
195	Methylmercury Measurements in Dried Blood Spots from Electronic Waste Workers Sampled from Agbogbloshie, Ghana. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 2183-2188	3.8	0
194	Effects on Apical Outcomes of Regulatory Relevance of Early-Life Stage Exposure of Double-Crested Cormorant Embryos to 4 Environmental Chemicals. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 390-401	3.8	3
193	FastBMD: an online tool for rapid benchmark dose-response analysis of transcriptomics data. <i>Bioinformatics</i> , <b>2021</b> , 37, 1035-1036	7.2	7
192	Lead (Pb) exposure assessment in dried blood spots using Total Reflection X-Ray Fluorescence (TXRF). <i>Environmental Research</i> , <b>2021</b> , 198, 110444	7.9	7
191	Dried blood spots to characterize mercury speciation and exposure in a Colombian artisanal and small-scale gold mining community. <i>Chemosphere</i> , <b>2021</b> , 266, 129001	8.4	5
190	Work-Related Exposures and Musculoskeletal Disorder Symptoms among Informal E-Waste Recyclers at Agbogbloshie, Ghana. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 222, 677-681	0.5	
189	Musculoskeletal Disorder Symptoms among Workers at an Informal Electronic-Waste Recycling Site in Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
188	Environmental Heavy Metal Contamination from Electronic Waste (E-Waste) Recycling Activities Worldwide: A Systematic Review from 2005 to 2017. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	8
187	Envisioning an international validation process for New Approach Methodologies in chemical hazard and risk assessment. <i>Environmental Advances</i> , <b>2021</b> , 4, 100061	3.5	1
186	Sex- and Developmental Stage-Related Differences in the Hepatic Transcriptome of Japanese Quail ( <i>Coturnix japonica</i> ) Exposed to 17β-Trenbolone. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 2559-2570	3.8	1
185	International Consortium to Advance Cross-Species Extrapolation of the Effects of Chemicals in Regulatory Toxicology. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 3226-3233	3.8	2
184	Variation in biomarker levels of metals, persistent organic pollutants, and omega-3 fatty acids in association with genetic polymorphisms among Inuit in Nunavik, Canada. <i>Environmental Research</i> , <b>2021</b> , 200, 111393	7.9	3
183	Using Transcriptomics and Metabolomics to Understand Species Differences in Sensitivity to Chlorpyrifos in Japanese Quail and Double-Crested Cormorant Embryos. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 3019-3033	3.8	0
182	Geolocators link marine mercury with levels in wild seabirds throughout their annual cycle: Consequences for trans-ecosystem biotransport. <i>Environmental Pollution</i> , <b>2021</b> , 284, 117035	9.3	1
181	Comparison and Agreement of Toxic and Essential Elements Between Venous and Capillary Whole Blood. <i>Biological Trace Element Research</i> , <b>2021</b> , 1	4.5	1
180	Biomonitoring of metals in blood and urine of electronic waste (E-waste) recyclers at Agbogbloshie, Ghana. <i>Chemosphere</i> , <b>2021</b> , 280, 130677	8.4	1
179	Registration status, mercury exposure biomarkers, and neuropsychological assessment of artisanal and small-scale gold miners (ASGM) from the Western Region of Ghana. <i>Environmental Research</i> , <b>2021</b> , 201, 111639	7.9	1

178	Mercury exposure in relation to sleep duration, timing, and fragmentation among adolescents in Mexico City. <i>Environmental Research</i> , <b>2020</b> , 191, 110216	7.9	2
177	Drivers of and Obstacles to the Adoption of Toxicogenomics for Chemical Risk Assessment: Insights from Social Science Perspectives. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 105002	8.4	6
176	Effect of Particulate Matter Exposure on Respiratory Health of e-Waste Workers at Agbogbloshie, Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	20
175	Exploring the Impacts of Methylmercury-Induced Behavioral Alterations in Larval Yellow Perch in Lake Michigan Using an Individual-Based Model. <i>Transactions of the American Fisheries Society</i> , <b>2020</b> , 149, 664-680	1.7	0
174	Factors Affecting the Perception of New Approach Methodologies (NAMs) in the Ecotoxicology Community. <i>Integrated Environmental Assessment and Management</i> , <b>2020</b> , 16, 269-281	2.5	3
173	EcoToxModules: Custom Gene Sets to Organize and Analyze Toxicogenomics Data from Ecological Species. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 4376-4387	10.3	5
172	Dried Blood Spot Sampling of Landlocked Arctic Char ( <i>Salvelinus alpinus</i> ) for Estimating Mercury Exposure and Stable Carbon Isotope Fingerprinting of Essential Amino Acids. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 893-903	3.8	2
171	Mercury Speciation in Whole Blood and Dried Blood Spots from Capillary and Venous Sources. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3605-3612	7.8	16
170	Evaluating the concentrations of total mercury, methylmercury, selenium, and selenium:mercury molar ratios in traditional foods of the Bigstone Cree in Alberta, Canada. <i>Chemosphere</i> , <b>2020</b> , 250, 126285	8.4	13
169	Micronutrient Status of Electronic Waste Recyclers at Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
168	An Early-Life Stage Alternative Testing Strategy for Assessing the Impacts of Environmental Chemicals in Birds. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 141-154	3.8	8
167	A State-of-the-Art Review of Indigenous Peoples and Environmental Pollution. <i>Integrated Environmental Assessment and Management</i> , <b>2020</b> , 16, 324-341	2.5	27
166	Alternatives assessment of perovskite solar cell materials and their methods of fabrication. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 133, 110207	16.2	9
165	Micronutrient-rich dietary intake is associated with a reduction in the effects of particulate matter on blood pressure among electronic waste recyclers at Agbogbloshie, Ghana. <i>BMC Public Health</i> , <b>2020</b> , 20, 1067	4.1	6
164	Effects of Non-native Fish on Lacustrine Food Web Structure and Mercury Biomagnification along a Dissolved Organic Carbon Gradient. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 2196-2207	3.8	2
163	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among boys in Mexico City. <i>Environmental Health</i> , <b>2020</b> , 19, 124	6	3
162	Continuous exposure to mercury during embryogenesis and chick development affects later survival and reproduction of zebra finch ( <i>Taeniopygia guttata</i> ). <i>Ecotoxicology</i> , <b>2020</b> , 29, 1117-1127	2.9	5
161	Relationship Between Methylmercury Contamination and Proportion of Aquatic and Terrestrial Prey in Diets of Shoreline Spiders. <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 2503-2508	3.8	11

160	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among girls in Mexico City. <i>Environmental Research</i> , <b>2019</b> , 177, 108630	7.9	25
159	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 133792	10.2	103
158	EcoToxChip: A next-generation toxicogenomics tool for chemical prioritization and environmental management. <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 279-288	3.8	26
157	Occurrence and bioaccessibility of mercury in commercial rice samples in Montreal (Canada). <i>Food and Chemical Toxicology</i> , <b>2019</b> , 126, 72-78	4.7	13
156	Fluoride exposure and pubertal development in children living in Mexico City. <i>Environmental Health</i> , <b>2019</b> , 18, 26	6	12
155	NetworkAnalyst 3.0: a visual analytics platform for comprehensive gene expression profiling and meta-analysis. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, W234-W241	20.1	491
154	Screening-level risk assessment of methylmercury for non-anadromous Arctic char ( <i>Salvelinus alpinus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 489-502	3.8	8
153	A comparative study of 3 alternative avian toxicity testing methods: Effects on hepatic gene expression in the chicken embryo. <i>Environmental Toxicology and Chemistry</i> , <b>2019</b> , 38, 2546-2555	3.8	4
152	Derivation of Time-Activity Data Using Wearable Cameras and Measures of Personal Inhalation Exposure among Workers at an Informal Electronic-Waste Recovery Site in Ghana. <i>Annals of Work Exposures and Health</i> , <b>2019</b> , 63, 829-841	2.4	18
151	Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 105001	8.4	42
150	T1000: a reduced gene set prioritized for toxicogenomic studies. <i>PeerJ</i> , <b>2019</b> , 7, e7975	3.1	8
149	The challenge of pollution and health in Canada. <i>Canadian Journal of Public Health</i> , <b>2019</b> , 110, 159-164	3.2	2
148	Transdisciplinary and social-ecological health frameworks-Novel approaches to emerging parasitic and vector-borne diseases. <i>Parasite Epidemiology and Control</i> , <b>2019</b> , 4, e00084	2.6	22
147	Genetic polymorphisms are associated with exposure biomarkers for metals and persistent organic pollutants among Inuit from the Inuvialuit Settlement Region, Canada. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 569-578	10.2	4
146	Modulators of mercury risk to wildlife and humans in the context of rapid global change. <i>Ambio</i> , <b>2018</b> , 47, 170-197	6.5	168
145	Female reproductive impacts of dietary methylmercury in yellow perch ( <i>Perca flavescens</i> ) and zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2018</b> , 195, 301-311	8.4	5
144	Mercury associated neurochemical response in Arctic barnacle goslings ( <i>Branta leucopsis</i> ). <i>Science of the Total Environment</i> , <b>2018</b> , 624, 1052-1058	10.2	7
143	Ecologically-relevant exposure to methylmercury during early development does not affect adult phenotype in zebra finches ( <i>Taeniopygia guttata</i> ). <i>Ecotoxicology</i> , <b>2018</b> , 27, 259-266	2.9	5

142	Urinary metal concentrations among mothers and children in a Mexico City birth cohort study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 609-615	6.9	25
141	Dried blood spots for estimating mercury exposure in birds. <i>Environmental Pollution</i> , <b>2018</b> , 236, 236-246	9.3	15
140	The Lancet Commission on pollution and health. <i>Lancet, The</i> , <b>2018</b> , 391, 462-512	40	1639
139	Prevention-intervention strategies to reduce exposure to e-waste. <i>Reviews on Environmental Health</i> , <b>2018</b> , 33, 219-228	3.8	23
138	Trapped river otters ( <i>Lontra canadensis</i> ) from central Saskatchewan differ in total and organic mercury concentrations by sex and geographic location. <i>Facets</i> , <b>2018</b> , 3, 139-154	2.3	5
137	Using a Vitellogenesis Model to Link in vitro Neurochemical Effects of Pulp and Paper Mill Effluents to Adverse Reproductive Outcomes in Fish <b>2018</b> , 317-347		1
136	Cell-Free Assays in Environmental Toxicology <b>2018</b> , 31-41		1
135	The Minamata Convention on Mercury and the role for the environmental sciences community. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 2951-2952	3.8	5
134	A State-of-the-Science Review of Mercury Biomarkers in Human Populations Worldwide between 2000 and 2018. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 106001	8.4	91
133	Prenatal fluoride exposure and attention deficit hyperactivity disorder (ADHD) symptoms in children at 6-12 years of age in Mexico City. <i>Environment International</i> , <b>2018</b> , 121, 658-666	12.9	45
132	Subcellular distributions of trace elements (Cd, Pb, As, Hg, Se) in the livers of Alaskan yelloweye rockfish ( <i>Sebastes ruberrimus</i> ). <i>Environmental Pollution</i> , <b>2018</b> , 242, 63-72	9.3	12
131	National estimation of seafood consumption in Mexico: Implications for exposure to methylmercury and polyunsaturated fatty acids. <i>Chemosphere</i> , <b>2017</b> , 174, 289-296	8.4	14
130	A cell-free testing platform to screen chemicals of potential neurotoxic concern across twenty vertebrate species. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 3081-3090	3.8	7
129	A comparison of licensed and un-licensed artisanal and small-scale gold miners (ASGM) in terms of socio-demographics, work profiles, and injury rates. <i>BMC Public Health</i> , <b>2017</b> , 17, 862	4.1	10
128	Prenatal Fluoride Exposure and Cognitive Outcomes in Children at 4 and 6-12 Years of Age in Mexico. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 097017	8.4	94
127	Development and application of a novel method to characterize methylmercury exposure in newborns using dried blood spots. <i>Environmental Research</i> , <b>2017</b> , 159, 276-282	7.9	16
126	Developmental Methylmercury Exposure Affects Swimming Behavior and Foraging Efficiency of Yellow Perch ( <i>Lepomis microlophus</i> ) Larvae. <i>ACS Omega</i> , <b>2017</b> , 2, 4870-4877	3.9	9
125	Mercury speciation and subcellular distribution in experimentally dosed and wild birds. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 3289-3298	3.8	4

124	Pulmonary function and respiratory health of rural farmers and artisanal and small scale gold miners in Ghana. <i>Environmental Research</i> , <b>2017</b> , 158, 522-530	7.9	5
123	Structured identification of response options to address environmental health risks at the Agbogbloshie electronic waste site. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 980-991	2.5	4
122	Dietary predictors of urinary cadmium among pregnant women and children. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 1255-1262	10.2	27
121	Current progress on understanding the impact of mercury on human health. <i>Environmental Research</i> , <b>2017</b> , 152, 419-433	7.9	207
120	Cadmium exposure and age-associated DNA methylation changes in non-smoking women from northern Thailand. <i>Environmental Epigenetics</i> , <b>2017</b> , 3, dx006	2.4	10
119	A Review of Mercury Bioavailability in Humans and Fish. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	106
118	Exposures of dental professionals to elemental mercury and methylmercury. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2016</b> , 26, 78-85	6.7	28
117	Multiple elemental exposures amongst workers at the Agbogbloshie electronic waste (e-waste) site in Ghana. <i>Chemosphere</i> , <b>2016</b> , 164, 68-74	8.4	69
116	Evaluating the effectiveness of the Minamata Convention on Mercury: Principles and recommendations for next steps. <i>Science of the Total Environment</i> , <b>2016</b> , 569-570, 888-903	10.2	69
115	An Ecological and Human Biomonitoring Investigation of Mercury Contamination at the Aamjiwnaang First Nation. <i>EcoHealth</i> , <b>2016</b> , 13, 784-795	3.1	7
114	Acute embryotoxic effects but no long-term reproductive effects of in ovo methylmercury exposure in zebra finches ( <i>Taeniopygia guttata</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1534-1540	3.8	13
113	In vivo and In vitro neurochemical-based assessments of wastewater effluents from the Maumee River area of concern. <i>Environmental Pollution</i> , <b>2016</b> , 211, 9-19	9.3	7
112	Uptake of selenium and mercury by captive mink: Results of a controlled feeding experiment. <i>Chemosphere</i> , <b>2016</b> , 144, 1582-8	8.4	8
111	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 2767-70	10.3	52
110	Genetic polymorphisms are associated with hair, blood, and urine mercury levels in the American Dental Association (ADA) study participants. <i>Environmental Research</i> , <b>2016</b> , 149, 247-258	7.9	22
109	Detectable Blood Lead Level and Body Size in Early Childhood. <i>Biological Trace Element Research</i> , <b>2016</b> , 171, 41-7	4.5	16
108	Childhood Blood Lead Levels and Symptoms of Attention Deficit Hyperactivity Disorder (ADHD): A Cross-Sectional Study of Mexican Children. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 868-74	8.4	54
107	Bioaccessibility and bioavailability of methylmercury from seafood commonly consumed in North America: In vitro and epidemiological studies. <i>Environmental Research</i> , <b>2016</b> , 149, 266-273	7.9	25

106	Parental Whole Life Cycle Exposure to Dietary Methylmercury in Zebrafish ( <i>Danio rerio</i> ) Affects the Behavior of Offspring. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 4808-16	10.3	27
105	DNA methylation is differentially associated with environmental cadmium exposure based on sex and smoking status. <i>Chemosphere</i> , <b>2016</b> , 145, 284-90	8.4	40
104	Neuroendocrine biochemical effects in methylmercury-exposed yellow perch. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 187, 10-8	3.2	5
103	Occupational and Environmental Health Risks Associated with Informal Sector Activities-Selected Case Studies from West Africa. <i>New Solutions</i> , <b>2016</b> , 26, 253-70	1	13
102	Assessment of fish consumption and mercury exposure among pregnant women in Jamaica and Trinidad & Tobago. <i>Chemosphere</i> , <b>2016</b> , 164, 462-468	8.4	10
101	Comparison of Three Analytical Methods for the Quantitation of Mercury in Environmental Samples from the Volta Lake, Ghana. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 677-683	2.7	5
100	One health-Transdisciplinary opportunities for SETAC leadership in integrating and improving the health of people, animals, and the environment. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2383-2391	3.8	13
99	Urinary and plasma fluoride levels in pregnant women from Mexico City. <i>Environmental Research</i> , <b>2016</b> , 150, 489-495	7.9	14
98	The antidepressant venlafaxine may act as a neurodevelopmental toxicant in cuttlefish ( <i>Sepia officinalis</i> ). <i>NeuroToxicology</i> , <b>2016</b> , 55, 142-153	4.4	21
97	Hepatic polybrominated diphenyl ether (PBDE) levels in Wisconsin river otters ( <i>Lutra lutra</i> ) and Michigan bald eagles ( <i>Haliaeetus leucocephalus</i> ). <i>Journal of Great Lakes Research</i> , <b>2015</b> , 41, 222-227	3	11
96	Investigating endocrine and physiological parameters of captive American kestrels exposed by diet to selected organophosphate flame retardants. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 7448-7455	10.3	51
95	In ovo exposure to organophosphorous flame retardants: survival, development, neurochemical, and behavioral changes in white leghorn chickens. <i>Neurotoxicology and Teratology</i> , <b>2015</b> , 52, 228-35	3.9	6
94	Applications and implications of neurochemical biomarkers in environmental toxicology. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 22-9	3.8	28
93	Health seeking behaviours among electronic waste workers in Ghana. <i>BMC Public Health</i> , <b>2015</b> , 15, 10654.1	4.1	40
92	Mercury Exposure and Antinuclear Antibodies among Females of Reproductive Age in the United States: NHANES. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 792-8	8.4	50
91	Integrated assessment of artisanal and small-scale gold mining in Ghana--part 1: human health review. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5143-76	4.6	81
90	Injury Profiles Associated with Artisanal and Small-Scale Gold Mining in Tarkwa, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 7922-37	4.6	31
89	Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghana-Part 2: Natural Sciences Review. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 8971-9011	4.6	55



88	An Investigation of Organic and Inorganic Mercury Exposure and Blood Pressure in a Small-Scale Gold Mining Community in Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 10020-38	4.6	24
87	Mercury Exposure Assessment and Spatial Distribution in A Ghanaian Small-Scale Gold Mining Community. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 10755-82	4.6	43
86	Identification of Response Options to Artisanal and Small-Scale Gold Mining (ASGM) in Ghana via the Delphi Process. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 11345-63	4.6	11
85	An Integrated Assessment Approach to Address Artisanal and Small-Scale Gold Mining in Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 11683-98	4.6	15
84	Understanding the Social Context of the ASGM Sector in Ghana: A Qualitative Description of the Demographic, Health, and Nutritional Characteristics of a Small-Scale Gold Mining Community in Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 12679-96	4.6	17
83	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker responses in east Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Research</i> , <b>2015</b> , 138, 22-31	7.9	50
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80	Molecular and neurochemical biomarkers in Arctic beluga whales ( <i>Delphinapterus leucas</i> ) were correlated to brain mercury and selenium concentrations. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 11551-9	10.3	12
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78	Hydraulic "fracking": are surface water impacts an ecological concern?. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1679-89	3.8	57
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45	Glutathione enzyme and selenoprotein polymorphisms associate with mercury biomarker levels in Michigan dental professionals. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 257, 301-8	4.6	58
44	Mercury exposure and neurochemical impacts in bald eagles across several Great Lakes states. <i>Ecotoxicology</i> , <b>2011</b> , 20, 1669-76	2.9	52
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26	Investigation of spatial trends and neurochemical impacts of mercury in herring gulls across the Laurentian Great Lakes. <i>Environmental Pollution</i> , <b>2010</b> , 158, 2733-7	9.3	15
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19	The effects of mercury on muscarinic cholinergic receptor subtypes (M1 and M2) in captive mink. <i>NeuroToxicology</i> , <b>2008</b> , 29, 328-34	4.4	22
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15	Cholinesterase and monoamine oxidase activity in relation to mercury levels in the cerebral cortex of wild river otters. <i>Human and Experimental Toxicology</i> , <b>2007</b> , 26, 213-20	3.4	34
14	Polychlorinated biphenyls, organochlorinated pesticides, and polybrominated diphenyl ethers in the cerebral cortex of wild river otters ( <i>Lontra canadensis</i> ). <i>Environmental Pollution</i> , <b>2007</b> , 149, 25-30	9.3	23
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12	Decreased N-methyl-D-aspartic acid (NMDA) receptor levels are associated with mercury exposure in wild and captive mink. <i>NeuroToxicology</i> , <b>2007</b> , 28, 587-93	4.4	74
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8	Effects of mercury on neurochemical receptor-binding characteristics in wild mink. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1444-50	3.8	65
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