Niladri Basu

List of Publications by Year
in descending order

222	12,587	39113 52	34195 103
papers	citations	h-index	g-index

223	223	223	16255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of Electronic and Electrical Wasteâ€“Contaminated Soils on Growth and Reproduction of Earthworm (Alma nilotica). Environmental Toxicology and Chemistry, 2022, 41, 287-297.	2.2	7
2	The performance of dried blood spots for the assessment of lead exposure: A narrative review with a systematic search. Microchemical Journal, 2022, 172, 106930.	2.3	1
3	Innovation in regulatory approaches for endocrine disrupting chemicals: The journey to risk assessment modernization in Canada. Environmental Research, 2022, 204, 112225.	3.7	18
4	Occupational exposures to particulate matter and PM2.5-associated polycyclic aromatic hydrocarbons at the Agbogbloshie waste recycling site in Ghana. Environment International, 2022, 158, 106971.	4.8	11
5	EcoToxXplorer: Leveraging Design Thinking to Develop a Standardized Webâ€Based Transcriptomics Analytics Platform for Diverse Users. Environmental Toxicology and Chemistry, 2022, 41, 21-29.	2.2	6
6	Characterizing toxicity pathways of fluoxetine to predict adverse outcomes in adult fathead minnows (Pimephales promelas). Science of the Total Environment, 2022, 817, 152747.	3.9	5
7	Comparative analysis of transcriptomic points-of-departure (tPODs) and apical responses in embryo-larval fathead minnows exposed to fluoxetine. Environmental Pollution, 2022, 295, 118667.	3.7	10
8	Soil Contamination and Bioaccumulation of Heavy Metals by a Tropical Earthworm Species (Alma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemistry, 2022, 41, 356-368.	2.2	7
9	Are Substitutes to Cd-Based Quantum Dots in Displays More Sustainable, Effective, and Cost Competitive? An Alternatives Assessment Approach. ACS Sustainable Chemistry and Engineering, 2022, 10, 2294-2307.	3.2	2
10	The impact of mercury contamination on human health in the Arctic: A state of the science review. Science of the Total Environment, 2022, 831, 154793.	3.9	31
11	Toxicological risk of mercury for fish and invertebrate prey in the Arctic. Science of the Total Environment, 2022, 836, 155702.	3.9	18
12	Consideration of metabolomics and transcriptomics data in the context of using avian embryos for toxicity testing. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 258, 109370.	1.3	3
13	Transcriptomic Points of Departure Calculated from Rainbow Trout Gill, Liver, and Gut Cell Lines Exposed to Methylmercury and Fluoxetine. Environmental Toxicology and Chemistry, 2022, 41, 1982-1992.	2.2	9
14	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. Science of the Total Environment, 2022, 844, 156944.	3.9	23
15	Effects on Apical Outcomes of Regulatory Relevance of Earlyâ€Life Stage Exposure of Doubleâ€Crested Cormorant Embryos to 4 Environmental Chemicals. Environmental Toxicology and Chemistry, 2021, 40, 390-401.	2.2	10
16	FastBMD: an online tool for rapid benchmark doseâ€“response analysis of transcriptomics data. Bioinformatics, 2021, 37, 1035-1036.	1.8	19
17	Lead (Pb) exposure assessment in dried blood spots using Total Reflection X-Ray Fluorescence (TXRF). Environmental Research, 2021, 198, 110444.	3.7	13
18	Dried blood spots to characterize mercury speciation and exposure in a Colombian artisanal and small-scale gold mining community. Chemosphere, 2021, 266, 129001.	4.2	13

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19	Work-Related Exposures and Musculoskeletal Disorder Symptoms Among Informal E-Waste Recyclers at Agbogbloshie, Ghana. Lecture Notes in Networks and Systems, 2021, 222, 677-681.	0.5	3
20	Musculoskeletal Disorder Symptoms among Workers at an Informal Electronic-Waste Recycling Site in Agbogbloshie, Ghana. International Journal of Environmental Research and Public Health, 2021, 18, 2055.	1.2	11
21	Environmental Heavy Metal Contamination from Electronic Waste (E-Waste) Recycling Activities Worldwide: A Systematic Review from 2005 to 2017. International Journal of Environmental Research and Public Health, 2021, 18, 3517.	1.2	42
22	Spatial Distribution of Heavy Metals and Pollution of Environmental Media Around a Used Lead-acid Battery Recycling Center in Ibadan, Nigeria. Journal of Health and Pollution, 2021, 11, 210304.	1.8	1
23	Development of a Comprehensive Toxicity Pathway Model for 17Î±-Ethinylestradiol in Early Life Stage Fathead Minnows (Pimephales promelas). Environmental Science & Technology, 2021, 55, 5024-5036.	4.6	13
24	Ultrafast functional profiling of RNA-seq data for nonmodel organisms. Genome Research, 2021, 31, 713-720.	2.4	15
25	Characterizing the effects of titanium dioxide and silver nanoparticles released from painted surfaces due to weathering on zebrafish (Danio rerio). Nanotoxicology, 2021, 15, 527-541.	1.6	2
26	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. NeuroToxicology, 2021, 84, 136-145.	1.4	9
27	Global DNA (LINE-1) methylation is associated with lead exposure and certain job tasks performed by electronic waste workers. International Archives of Occupational and Environmental Health, 2021, 94, 1931-1944.	1.1	10
28	Assessing the Toxicity of 17Î±-Ethinylestradiol in Rainbow Trout Using a 4-Day Transcriptomics Benchmark Dose (BMD) Embryo Assay. Environmental Science & Technology, 2021, 55, 10608-10618.	4.6	14
29	Methylmercury Measurements in Dried Blood Spots from Electronic Waste Workers Sampled from Agbogbloshie, Ghana. Environmental Toxicology and Chemistry, 2021, 40, 2183-2188.	2.2	4
30	Envisioning an international validation process for New Approach Methodologies in chemical hazard and risk assessment. Environmental Advances, 2021, 4, 100061.	2.2	10
31	Sexâ€•and Developmental Stageâ€“Related Differences in the Hepatic Transcriptome of Japanese Quail (Coturnix japonica) Exposed to 17Î²â€Trenbolone. Environmental Toxicology and Chemistry, 2021, 40, 2559-2570.	2.2	4
32	International Consortium to Advance Crossâ€Species Extrapolation of the Effects of Chemicals in Regulatory Toxicology. Environmental Toxicology and Chemistry, 2021, 40, 3226-3233.	2.2	18
33	Variation in biomarker levels of metals, persistent organic pollutants, and omega-3 fatty acids in association with genetic polymorphisms among Inuit in Nunavik, Canada. Environmental Research, 2021, 200, 111393.	3.7	8
34	Using Transcriptomics and Metabolomics to Understand Species Differences in Sensitivity to Chlorpyrifos in Japanese Quail and Doubleâ€Crested Cormorant Embryos. Environmental Toxicology and Chemistry, 2021, 40, 3019-3033.	2.2	11
35	Geolocators link marine mercury with levels in wild seabirds throughout their annual cycle: Consequences for trans-ecosystem biotransport. Environmental Pollution, 2021, 284, 117035.	3.7	8
36	Metal Exposures, Noise Exposures, and Audiometry from E-Waste Workers in Agbogbloshie, Ghana. International Journal of Environmental Research and Public Health, 2021, 18, 9639.	1.2	2

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37	Comparison and Agreement of Toxic and Essential Elements Between Venous and Capillary Whole Blood. Biological Trace Element Research, 2021, , 1.	1.9	3
38	Biomonitoring of metals in blood and urine of electronic waste (E-waste) recyclers at Agbogbloshie, Ghana. Chemosphere, 2021, 280, 130677.	4.2	12
39	Registration status, mercury exposure biomarkers, and neuropsychological assessment of artisanal and small-scale gold miners (ASGM) from the Western Region of Ghana. Environmental Research, 2021, 201, 111639.	3.7	6
40	Dietary nanoparticles compromise epithelial integrity and enhance translocation and antigenicity of milk proteins: An in vitro investigation. NanoImpact, 2021, 24, 100369.	2.4	11
41	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. BMC Public Health, 2021, 21, 2161.	1.2	3
42	Targeted Metabolomics to Assess Exposure to Environmental Chemicals of Concern in Japanese Quail at Two Life Stages. Metabolites, 2021, 11, 850.	1.3	3
43	Chemical risk governance: Exploring stakeholder participation in Canada, the USA, and the EU. Ambio, 2021, , .	2.8	2
44	Continuous exposure to mercury during embryogenesis and chick development affects later survival and reproduction of zebra finch (Taeniopygia guttata). Ecotoxicology, 2020, 29, 1117-1127.	1.1	8
45	An Earlyâ€“Life Stage Alternative Testing Strategy for Assessing the Impacts of Environmental Chemicals in Birds. Environmental Toxicology and Chemistry, 2020, 39, 141-154.	2.2	21
46	A Stateâ€ofâ€theâ€Art Review of Indigenous Peoples and Environmental Pollution. Integrated Environmental Assessment and Management, 2020, 16, 324-341.	1.6	58
47	Alternatives assessment of perovskite solar cell materials and their methods of fabrication. Renewable and Sustainable Energy Reviews, 2020, 133, 110207.	8.2	23
48	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. BMC Public Health, 2020, 20, 1067.	1.2	11
49	Effects of Nonâ€native Fish on Lacustrine Food Web Structure and Mercury Biomagnification along a Dissolved Organic Carbon Gradient. Environmental Toxicology and Chemistry, 2020, 39, 2196-2207.	2.2	4
50	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among boys in Mexico City. Environmental Health, 2020, 19, 124.	1.7	12
51	Mercury exposure in relation to sleep duration, timing, and fragmentation among adolescents in Mexico City. Environmental Research, 2020, 191, 110216.	3.7	8
52	Drivers of and Obstacles to the Adoption of Toxicogenomics for Chemical Risk Assessment: Insights from Social Science Perspectives. Environmental Health Perspectives, 2020, 128, 105002.	2.8	17
53	Effect of Particulate Matter Exposure on Respiratory Health of e-Waste Workers at Agbogbloshie, Accra, Ghana. International Journal of Environmental Research and Public Health, 2020, 17, 3042.	1.2	42
54	Exploring the Impacts of Methylmercuryâ€Induced Behavioral Alterations in Larval Yellow Perch in Lake Michigan Using an Individualâ€Based Model. Transactions of the American Fisheries Society, 2020, 149, 664-680.	0.6	2

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55	Factors Affecting the Perception of New Approach Methodologies (NAMs) in the Ecotoxicology Community. Integrated Environmental Assessment and Management, 2020, 16, 269-281.	1.6	14
56	EcoToxModules: Custom Gene Sets to Organize and Analyze Toxicogenomics Data from Ecological Species. Environmental Science & Technology, 2020, 54, 4376-4387.	4.6	16
57	Dried Blood Spot Sampling of Landlocked Arctic Char (Salvelinus alpinus) for Estimating Mercury Exposure and Stable Carbon Isotope Fingerprinting of Essential Amino Acids. Environmental Toxicology and Chemistry, 2020, 39, 893-903.	2.2	5
58	Mercury Speciation in Whole Blood and Dried Blood Spots from Capillary and Venous Sources. Analytical Chemistry, 2020, 92, 3605-3612.	3.2	18
59	Evaluating the concentrations of total mercury, methylmercury, selenium, and selenium:mercury molar ratios in traditional foods of the Bigstone Cree in Alberta, Canada. Chemosphere, 2020, 250, 126285.	4.2	17
60	Micronutrient Status of Electronic Waste Recyclers at Agbogbloshie, Ghana. International Journal of Environmental Research and Public Health, 2020, 17, 9575.	1.2	6
61	A comparative study of 3 alternative avian toxicity testing methods: Effects on hepatic gene expression in the chicken embryo. Environmental Toxicology and Chemistry, 2019, 38, 2546-2555.	2.2	7
62	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. Annals of Work Exposures and Health, 2019, 63, 829-841.	0.6	23
63	Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. Environmental Health Perspectives, 2019, 127, 105001.	2.8	73
64	Relationship Between Methylmercury Contamination and Proportion of Aquatic and Terrestrial Prey in Diets of Shoreline Spiders. Environmental Toxicology and Chemistry, 2019, 38, 2503-2508.	2.2	22
65	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among girls in Mexico City. Environmental Research, 2019, 177, 108630.	3.7	48
66	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	3.9	184
67	EcoToxChip: A nextâ€generation toxicogenomics tool for chemical prioritization and environmental management. Environmental Toxicology and Chemistry, 2019, 38, 279-288.	2.2	47
68	Occurrence and bioaccessibility of mercury in commercial rice samples in Montreal (Canada). Food and Chemical Toxicology, 2019, 126, 72-78.	1.8	24
69	Fluoride exposure and pubertal development in children living in Mexico City. Environmental Health, 2019, 18, 26.	1.7	20
70	NetworkAnalyst 3.0: a visual analytics platform for comprehensive gene expression profiling and meta-analysis. Nucleic Acids Research, 2019, 47, W234-W241.	6.5	1,191
71	Screeningâ€level risk assessment of methylmercury for nonâ€anadromous Arctic char (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	11
72	The challenge of pollution and health in Canada. Canadian Journal of Public Health, 2019, 110, 159-164.	1.1	6

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73	Transdisciplinary and social-ecological health frameworksâ€"Novel approaches to emerging parasitic and vector-borne diseases. Parasite Epidemiology and Control, 2019, 4, e00084.	0.6	41
74	T1000: a reduced gene set prioritized for toxicogenomic studies. PeerJ, 2019, 7, e7975.	0.9	15
75	Genetic polymorphisms are associated with exposure biomarkers for metals and persistent organic pollutants among Inuit from the Inuvialuit Settlement Region, Canada. Science of the Total Environment, 2018, 634, 569-578.	3.9	8
76	Modulators of mercury risk to wildlife and humans in the context of rapid global change. Ambio, 2018, 47, 170-197.	2.8	244
77	Female reproductive impacts of dietary methylmercury in yellow perch (Perca flavescens) and zebrafish (Danio rerio). Chemosphere, 2018, 195, 301-311.	4.2	8
78	Mercury associated neurochemical response in Arctic barnacle goslings (Branta leucopsis). Science of the Total Environment, 2018, 624, 1052-1058.	3.9	11
79	Ecologically-relevant exposure to methylmercury during early development does not affect adult phenotype in zebra finches (Taeniopygia guttata). Ecotoxicology, 2018, 27, 259-266.	1.1	6
80	Urinary metal concentrations among mothers and children in a Mexico City birth cohort study. International Journal of Hygiene and Environmental Health, 2018, 221, 609-615.	2.1	42
81	Dried blood spots for estimating mercury exposure in birds. Environmental Pollution, 2018, 236, 236-246.	3.7	18
82	The Lancet Commission on pollution and health. Lancet, The, 2018, 391, 462-512.	6.3	2,747
83	The Minamata Convention on Mercury and the role for the environmental sciences community. Environmental Toxicology and Chemistry, 2018, 37, 2951-2952.	2.2	10
84	A State-of-the-Science Review of Mercury Biomarkers in Human Populations Worldwide between 2000 and 2018. Environmental Health Perspectives, 2018, 126, 106001.	2.8	145
85	Prenatal fluoride exposure and attention deficit hyperactivity disorder (ADHD) symptoms in children at 6â€"12â€¯years of age in Mexico City. Environment International, 2018, 121, 658-666.	4.8	73
86	Subcellular distributions of trace elements (Cd, Pb, As, Hg, Se) in the livers of Alaskan yelloweye rockfish (Sebastes ruberrimus). Environmental Pollution, 2018, 242, 63-72.	3.7	16
87	Prevention-intervention strategies to reduce exposure to e-waste. Reviews on Environmental Health, 2018, 33, 219-228.	1.1	38
88	Using a Vitellogenesis Model to Link in vitro Neurochemical Effects of Pulp and Paper Mill Effluents to Adverse Reproductive Outcomes in Fish. , 2018, , 317-347.		1
89	Cell-Free Assays in Environmental Toxicology. , 2018, , 31-41.		1
90	Trapped river otters (Lontra canadensis) from central Saskatchewan differ in total and organic mercury concentrations by sex and geographic location. Facets, 2018, 3, 139-154.	1.1	6

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91	National estimation of seafood consumption in Mexico: Implications for exposure to methylmercury and polyunsaturated fatty acids. Chemosphere, 2017, 174, 289-296.	4.2	21
92	A cellâ€free testing platform to screen chemicals of potential neurotoxic concern across twenty vertebrate species. Environmental Toxicology and Chemistry, 2017, 36, 3081-3090.	2.2	8
93	Development and application of a novel method to characterize methylmercury exposure in newborns using dried blood spots. Environmental Research, 2017, 159, 276-282.	3.7	23
94	Developmental Methylmercury Exposure Affects Swimming Behavior and Foraging Efficiency of Yellow Perch (Perca flavescens) Larvae. ACS Omega, 2017, 2, 4870-4877.	1.6	13
95	Mercury speciation and subcellular distribution in experimentally dosed and wild birds. Environmental Toxicology and Chemistry, 2017, 36, 3289-3298.	2.2	6
96	Pulmonary function and respiratory health of rural farmers and artisanal and small scale gold miners in Ghana. Environmental Research, 2017, 158, 522-530.	3.7	9
97	Structured identification of response options to address environmental health risks at the Agbogbloshie electronic waste site. Integrated Environmental Assessment and Management, 2017, 13, 980-991.	1.6	8
98	Dietary predictors of urinary cadmium among pregnant women and children. Science of the Total Environment, 2017, 575, 1255-1262.	3.9	39
99	Current progress on understanding the impact of mercury on human health. Environmental Research, 2017, 152, 419-433.	3.7	305
100	Cadmium exposure and age-associated DNA methylation changes in non-smoking women from northern Thailand. Environmental Epigenetics, 2017, 3, dvx006.	0.9	13
101	A Review of Mercury Bioavailability in Humans and Fish. International Journal of Environmental Research and Public Health, 2017, 14, 169.	1.2	155
102	A comparison of licensed and un-licensed artisanal and small-scale gold miners (ASGM) in terms of socio-demographics, work profiles, and injury rates. BMC Public Health, 2017, 17, 862.	1.2	15
103	Prenatal Fluoride Exposure and Cognitive Outcomes in Children at 4 and 6â€“12 Years of Age in Mexico. Environmental Health Perspectives, 2017, 125, 097017.	2.8	144
104	Childhood Blood Lead Levels and Symptoms of Attention Deficit Hyperactivity Disorder (ADHD): A Cross-Sectional Study of Mexican Children. Environmental Health Perspectives, 2016, 124, 868-874.	2.8	72
105	Bioaccessibility and bioavailability of methylmercury from seafood commonly consumed in North America: In vitro and epidemiological studies. Environmental Research, 2016, 149, 266-273.	3.7	34
106	Parental Whole Life Cycle Exposure to Dietary Methylmercury in Zebrafish (Danio rerio) Affects the Behavior of Offspring. Environmental Science & Technology, 2016, 50, 4808-4816.	4.6	32
107	DNA methylation is differentially associated with environmental cadmium exposure based on sex and smoking status. Chemosphere, 2016, 145, 284-290.	4.2	48
108	Neuroendocrine biochemical effects in methylmercury-exposed yellow perch. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 187, 10-18.	1.3	5

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109	Occupational and Environmental Health Risks Associated with Informal Sector Activitiesâ€"Selected Case Studies from West Africa. New Solutions, 2016, 26, 253-270.	0.6	18
110	Assessment of fish consumption and mercury exposure among pregnant women in Jamaica and Trinidad & Tobago. Chemosphere, 2016, 164, 462-468.	4.2	11
111	Comparison of Three Analytical Methods for the Quantitation of Mercury in Environmental Samples from the Volta Lake, Ghana. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 677-683.	1.3	5
112	One healthâ€"Transdisciplinary opportunities for SETAC leadership in integrating and improving the health of people, animals, and the environment. Environmental Toxicology and Chemistry, 2016, 35, 2383-2391.	2.2	22
113	Urinary and plasma fluoride levels in pregnant women from Mexico City. Environmental Research, 2016, 150, 489-495.	3.7	29
114	The antidepressant venlafaxine may act as a neurodevelopmental toxicant in cuttlefish (Sepia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.4	25
115	Multiple elemental exposures amongst workers at the Agbogbloshie electronic waste (e-waste) site in Ghana. Chemosphere, 2016, 164, 68-74.	4.2	102
116	Evaluating the effectiveness of the Minamata Convention on Mercury: Principles and recommendations for next steps. Science of the Total Environment, 2016, 569-570, 888-903.	3.9	101
117	An Ecological and Human Biomonitoring Investigation of Mercury Contamination at the Aamjiwnaang First Nation. EcoHealth, 2016, 13, 784-795.	0.9	10
118	Acute embryotoxic effects but no longâ€term reproductive effects of in ovo methylmercury exposure in zebra finches (Taeniopygia guttata). Environmental Toxicology and Chemistry, 2016, 35, 1534-1540.	2.2	20
119	InÂvivo and InÂvitro neurochemical-based assessments of wastewater effluents from the Maumee River area of concern. Environmental Pollution, 2016, 211, 9-19.	3.7	8
120	Uptake of selenium and mercury by captive mink: Results of a controlled feeding experiment. Chemosphere, 2016, 144, 1582-1588.	4.2	11
121	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. Environmental Science & Technology, 2016, 50, 2767-2770.	4.6	68
122	Genetic polymorphisms are associated with hair, blood, and urine mercury levels in the American Dental Association (ADA) study participants. Environmental Research, 2016, 149, 247-258.	3.7	26
123	Detectable Blood Lead Level and Body Size in Early Childhood. Biological Trace Element Research, 2016, 171, 41-47.	1.9	22
124	Exposures of dental professionals to elemental mercury and methylmercury. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 78-85.	1.8	44
125	Health seeking behaviours among electronic waste workers in Ghana. BMC Public Health, 2015, 15, 1065.	1.2	52
126	Mercury Exposure and Antinuclear Antibodies among Females of Reproductive Age in the United States: NHANES. Environmental Health Perspectives, 2015, 123, 792-798.	2.8	56

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127	Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghanaâ€"Part 1: Human Health Review. International Journal of Environmental Research and Public Health, 2015, 12, 5143-5176.	1.2	115
128	Injury Profiles Associated with Artisanal and Small-Scale Gold Mining in Tarkwa, Ghana. International Journal of Environmental Research and Public Health, 2015, 12, 7922-7937.	1.2	43
129	Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghanaâ€"Part 2: Natural Sciences Review. International Journal of Environmental Research and Public Health, 2015, 12, 8971-9011.	1.2	87
130	An Investigation of Organic and Inorganic Mercury Exposure and Blood Pressure in a Small-Scale Gold Mining Community in Ghana. International Journal of Environmental Research and Public Health, 2015, 12, 10020-10038.	1.2	33
131	Mercury Exposure Assessment and Spatial Distribution in A Ghanaian Small-Scale Gold Mining Community. International Journal of Environmental Research and Public Health, 2015, 12, 10755-10782.	1.2	54
132	Identification of Response Options to Artisanal and Small-Scale Gold Mining (ASGM) in Ghana via the Delphi Process. International Journal of Environmental Research and Public Health, 2015, 12, 11345-11363.	1.2	13
133	An Integrated Assessment Approach to Address Artisanal and Small-Scale Gold Mining in Ghana. International Journal of Environmental Research and Public Health, 2015, 12, 11683-11698.	1.2	25
134	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. International Journal of Environmental Research and Public Health, 2015, 12, 12679-12696.	1.2	19
135	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker Responses in east Greenland polar Bears (Ursus maritimus). Environmental Research, 2015, 138, 22-31.	3.7	78
136	Elevated prenatal methylmercury exposure in Nigeria: Evidence from maternal and cord blood. Chemosphere, 2015, 119, 485-489.	4.2	23
137	Assessment of mercury exposure among small-scale gold miners using mercury stable isotopes. Environmental Research, 2015, 137, 226-234.	3.7	45
138	Hepatic polybrominated diphenyl ether (PBDE) levels in Wisconsin river otters (Lontra canadensis) and Michigan bald eagles (Haliaeetus leucocephalus). Journal of Great Lakes Research, 2015, 41, 222-227.	0.8	12
139	Investigating Endocrine and Physiological Parameters of Captive American Kestrels Exposed by Diet to Selected Organophosphate Flame Retardants. Environmental Science & Technology, 2015, 49, 7448-7455.	4.6	60
140	In ovo exposure to organophosphorous flame retardants: survival, development, neurochemical, and behavioral changes in white leghorn chickens. Neurotoxicology and Teratology, 2015, 52, 228-235.	1.2	10
141	Applications and implications of neurochemical biomarkers in environmental toxicology. Environmental Toxicology and Chemistry, 2015, 34, 22-29.	2.2	34
142	Hydraulic â€œFrackingâ€• Are surface water impacts an ecological concern?. Environmental Toxicology and Chemistry, 2014, 33, 1679-1689.	2.2	80
143	Historic and Contemporary Mercury Exposure and Potential Risk to Yellow-Billed Loons (Gavia) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.2	27
144	Ecogenetics of mercury: From genetic polymorphisms and epigenetics to risk assessment and decisionâ€making. Environmental Toxicology and Chemistry, 2014, 33, 1248-1258.	2.2	81

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145	Application of the <scp>LU</scp>minometric <scp>M</scp>ethylation <scp>A</scp>ssay to ecological species: tissue quality requirements and a survey of <scp>DNA</scp> methylation levels in animals. Molecular Ecology Resources, 2014, 14, 943-952.	2.2	26
146	Molecular and Neurochemical Biomarkers in Arctic Beluga Whales (Delphinapterus leucas) Were Correlated to Brain Mercury and Selenium Concentrations.. Environmental Science & Technology, 2014, 48, 11551-11559.	4.6	16
147	Mercury levels in pregnant women, children, and seafood from Mexico City. Environmental Research, 2014, 135, 63-69.	3.7	57
148	What are the toxicological effects of mercury in Arctic biota?. Science of the Total Environment, 2013, 443, 775-790.	3.9	287
149	Mercury exposure and neurochemical biomarkers in multiple brain regions of Wisconsin River Otters (Lontra canadensis). Ecotoxicology, 2013, 22, 469-475.	1.1	23
150	Mercury biomarkers and DNA methylation among michigan dental professionals. Environmental and Molecular Mutagenesis, 2013, 54, 195-203.	0.9	83
151	Methylmercury egg injections: Part 1-Tissue distribution of mercury in the avian embryo and hatchling. Ecotoxicology and Environmental Safety, 2013, 93, 68-76.	2.9	19
152	Associations of blood and urinary mercury with hypertension in U.S. Adults: The NHANES 2003â€“2006. Environmental Research, 2013, 123, 25-32.	3.7	49
153	Methylmercury and elemental mercury differentially associate with blood pressure among dental professionals. International Journal of Hygiene and Environmental Health, 2013, 216, 195-201.	2.1	38
154	Relationship of estimated dietary intake of n-3 polyunsaturated fatty acids from fish with peripheral nerve function after adjusting for mercury exposure. Science of the Total Environment, 2013, 454-455, 73-78.	3.9	1
155	Effects of methylmercury on epigenetic markers in three model species: Mink, chicken and yellow perch. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 322-327.	1.3	32
156	Methylmercury egg injections: Part 2â€”Pathology, neurochemistry, and behavior in the avian embryo and hatchling. Ecotoxicology and Environmental Safety, 2013, 93, 77-86.	2.9	14
157	New Insight into Biomarkers of Human Mercury Exposure Using Naturally Occurring Mercury Stable Isotopes. Environmental Science & Technology, 2013, 47, 3403-3409.	4.6	118
158	Differential gene expression associated with dietary methylmercury (MeHg) exposure in rainbow trout (Oncorhynchus mykiss) and zebrafish (Danio rerio). Ecotoxicology, 2013, 22, 740-751.	1.1	22
159	Organometal(loid)s. Fish Physiology, 2013, 33, 141-194.	0.2	6
160	Water Values in a Ghanaian Small-Scale Gold Mining Community. Human Organization, 2013, 72, 199-210.	0.2	14
161	Postmortem stability of brain GABAergic and glutamatergic receptors and enzymes under ecological conditions. Ecotoxicology and Environmental Safety, 2012, 84, 133-138.	2.9	6
162	Variants of glutathione s-transferase pi 1 exhibit differential enzymatic activity and inhibition by heavy metals. Toxicology in Vitro, 2012, 26, 630-635.	1.1	52

#	Article	IF	Citations
163	Piscivorous Mammalian Wildlife as Sentinels of Methylmercury Exposure and Neurotoxicity in Humans. , 2012, , 357-370.		10
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