

Yoshinori Ikenaka

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

4,477
citations

109137

35
h-index

161609

54
g-index

211
all docs

211
docs citations

211
times ranked

5223
citing authors

#	ARTICLE	IF	CITATIONS
1	Human health risks from metals and metalloid via consumption of food animals near gold mines in Tarkwa, Ghana: Estimation of the daily intakes and target hazard quotients (THQs). <i>Ecotoxicology and Environmental Safety</i> , 2015, 111, 160-167.	2.9	160
2	An Overview on Mycotoxin Contamination of Foods in Africa. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 789-797.	0.3	126
3	Health risk assessment of heavy metals and metalloid in drinking water from communities near gold mines in Tarkwa, Ghana. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 397.	1.3	117
4	Lead poisoning in children from townships in the vicinity of a lead-zinc mine in Kabwe, Zambia. <i>Chemosphere</i> , 2015, 119, 941-947.	4.2	114
5	Bioaccumulation and human health risk assessment of DDT and other organochlorine pesticides in an apex aquatic predator from a premier conservation area. <i>Science of the Total Environment</i> , 2016, 550, 522-533.	3.9	102
6	Relationship between Urinary N-Desmethyl-Acetamiprid and Typical Symptoms including Neurological Findings: A Prevalence Case-Control Study. <i>PLoS ONE</i> , 2015, 10, e0142172.	1.1	101
7	Occurrence, distribution, sources and toxic potential of polycyclic aromatic hydrocarbons (PAHs) in surface soils from the Kumasi Metropolis, Ghana. <i>Science of the Total Environment</i> , 2014, 496, 471-478.	3.9	100
8	Metal and metalloid contamination in roadside soil and wild rats around a Pb-Zn mine in Kabwe, Zambia. <i>Environmental Pollution</i> , 2011, 159, 175-181.	3.7	92
9	In Vivo Accumulation of Plastic-Derived Chemicals into Seabird Tissues. <i>Current Biology</i> , 2020, 30, 723-728.e3.	1.8	82
10	Concentrations and human health risk assessment of organochlorine pesticides in edible fish species from a Rift Valley lake—Lake Ziway, Ethiopia. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 95-101.	2.9	81
11	Heavy Metal Accumulation in Lake Sediments, Fish (<i>Oreochromis niloticus</i> and <i>Serranochromis</i>) of Environmental Contamination and Toxicology, 2010, 59, 291-300.	2.1	75
12	A review: poisoning by anticoagulant rodenticides in non-target animals globally. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 298-313.	0.3	68
13	Lead and cadmium excretion in feces and urine of children from polluted townships near a lead-zinc mine in Kabwe, Zambia. <i>Chemosphere</i> , 2018, 202, 48-55.	4.2	67
14	Organochlorine pesticides and heavy metals in fish from Lake Awassa, Ethiopia: Insights from stable isotope analysis. <i>Chemosphere</i> , 2013, 91, 857-863.	4.2	64
15	Radiosensitization of tumor cells through endoplasmic reticulum stress induced by PEGylated nanogel containing gold nanoparticles. <i>Cancer Letters</i> , 2014, 347, 151-158.	3.2	64
16	Oxidative stress and respiratory symptoms due to human exposure to polycyclic aromatic hydrocarbons (PAHs) in Kumasi, Ghana. <i>Environmental Pollution</i> , 2017, 228, 311-320.	3.7	64
17	LC-ESI/MS/MS analysis of neonicotinoids in urine of very low birth weight infants at birth. <i>PLoS ONE</i> , 2019, 14, e0219208.	1.1	64
18	Organochlorine pesticide contamination of foods in Africa: incidence and public health significance. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 751-764.	0.3	59

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19	Exposures of children to neonicotinoids in pine wilt disease control areas. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 71-79.	2.2	56
20	Metabolism of pyrene by aquatic crustacean, <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2006, 80, 158-165.	1.9	55
21	Levels, potential sources and human health risk of polycyclic aromatic hydrocarbons (PAHs) in particulate matter (PM10) in Kumasi, Ghana. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9658-9667.	2.7	54
22	Uptake of lead, cadmium, and other metals in the liver and kidneys of cattle near a lead-zinc mine in Kabwe, Zambia. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1892-1897.	2.2	52
23	Avian Cytochrome P450 (CYP) 1-3 Family Genes: Isoforms, Evolutionary Relationships, and mRNA Expression in Chicken Liver. <i>PLoS ONE</i> , 2013, 8, e75689.	1.1	50
24	Ecological Risk of Heavy Metals and a Metalloid in Agricultural Soils in Tarkwa, Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11448-11465.	1.2	49
25	Organohalogen Compounds in Pet Dog and Cat: Do Pets Biotransform Natural Brominated Products in Food to Harmful Hydroxylated Substances?. <i>Environmental Science & Technology</i> , 2016, 50, 444-452.	4.6	49
26	Accumulation of Heavy Metals and Metalloid in Foodstuffs from Agricultural Soils around Tarkwa Area in Ghana, and Associated Human Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8811-8827.	1.2	48
27	Distribution and health risk assessment of organochlorine pesticides (OCPs) residue in edible cattle tissues from northeastern part of Egypt: High accumulation level of OCPs in tongue. <i>Chemosphere</i> , 2016, 144, 1365-1371.	4.2	47
28	Metal distribution in tissues of free-range chickens near a lead-zinc mine in Kabwe, Zambia. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 189-192.	2.2	46
29	Accumulation patterns and risk assessment of metals and metalloid in muscle and offal of free-range chickens, cattle and goat in Benin City, Nigeria. <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 98-108.	2.9	46
30	Comparison of warfarin sensitivity between rat and bird species. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 114-119.	1.3	45
31	Current trends of blood lead levels, distribution patterns and exposure variations among household members in Kabwe, Zambia. <i>Chemosphere</i> , 2020, 243, 125412.	4.2	43
32	Antibiotic residues in food: the African scenario. <i>Japanese Journal of Veterinary Research</i> , 2013, 61 Suppl, S13-22.	0.7	42
33	Bioaccumulation of persistent organic pollutants and their trophic transfer through the food web: Human health risks to the rural communities reliant on fish from South Africa's largest floodplain. <i>Science of the Total Environment</i> , 2019, 685, 1116-1126.	3.9	39
34	Estimation of sources and inflow of dioxins and polycyclic aromatic hydrocarbons from the sediment core of Lake Suwa, Japan. <i>Environmental Pollution</i> , 2005, 138, 529-537.	3.7	38
35	Astaxanthin can alter CYP1A-dependent activities via two different mechanisms: Induction of protein expression and inhibition of NADPH P450 reductase dependent electron transfer. <i>Food and Chemical Toxicology</i> , 2011, 49, 1285-1291.	1.8	38
36	One year exposure to Cd- and Pb-contaminated soil causes metal accumulation and alteration of global DNA methylation in rats. <i>Environmental Pollution</i> , 2019, 252, 1267-1276.	3.7	38

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37	Occurrence, distribution, and ecological risk assessment of DDTs and heavy metals in surface sediments from Lake Awassa—Ethiopian Rift Valley Lake. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8663-8671.	2.7	36
38	Evidence of impacts from DDT in pelican, cormorant, stork, and egret eggs from KwaZulu-Natal, South Africa. <i>Chemosphere</i> , 2019, 225, 647-658.	4.2	36
39	Occurrence and concentrations of chemical additives in plastic fragments on a beach on the island of Kauai, Hawaii. <i>Marine Pollution Bulletin</i> , 2020, 150, 110732.	2.3	35
40	Association between human exposure to heavy metals/metalloid and occurrences of respiratory diseases, lipid peroxidation and DNA damage in Kumasi, Ghana. <i>Environmental Pollution</i> , 2018, 235, 163-170.	3.7	34
41	Organochlorine pesticides in bird species and their prey (fish) from the Ethiopian Rift Valley region, Ethiopia. <i>Environmental Pollution</i> , 2014, 192, 121-128.	3.7	33
42	Effects of polycyclic aromatic hydrocarbons (PAHs) on an aquatic ecosystem: acute toxicity and community-level toxic impact tests of benzo[a]pyrene using lake zooplankton community. <i>Journal of Toxicological Sciences</i> , 2013, 38, 131-136.	0.7	32
43	Fish consumption from urban impoundments: What are the health risks associated with DDTs and other organochlorine pesticides in fish to township residents of a major inland city. <i>Science of the Total Environment</i> , 2018, 628-629, 517-527.	3.9	32
44	Glucose—sulfate conjugates as a new phase II metabolite formed by aquatic crustaceans. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 490-495.	1.0	30
45	Accumulation and biological effects of metals in wild rats in mining areas of Zambia. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4907-4918.	1.3	30
46	Contamination by neonicotinoid insecticides and their metabolites in Sri Lankan black tea leaves and Japanese green tea leaves. <i>Toxicology Reports</i> , 2018, 5, 744-749.	1.6	30
47	Growth and neurite stimulating effects of the neonicotinoid pesticide clothianidin on human neuroblastoma SH-SY5Y cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114777.	1.3	30
48	Application of a Sediment Quality Index for the assessment and monitoring of metals and organochlorines in a premier conservation area. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19971-19989.	2.7	29
49	Bioimaging of Pb and STIM1 in mice liver, kidney and brain using Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS) and immunohistochemistry. <i>Chemosphere</i> , 2020, 238, 124581.	4.2	29
50	Reliability of stable Pb isotopes to identify Pb sources and verifying biological fractionation of Pb isotopes in goats and chickens. <i>Environmental Pollution</i> , 2016, 208, 395-403.	3.7	28
51	Concentrations and human health risk assessment of DDT and its metabolites in free-range and commercial chicken products from KwaZulu-Natal, South Africa. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 1959-1969.	1.1	27
52	Factors associated with lead (Pb) exposure on dogs around a Pb mining area, Kabwe, Zambia. <i>Chemosphere</i> , 2020, 247, 125884.	4.2	27
53	The genetic mechanisms of warfarin resistance in <i>Rattus rattus</i> found in the wild in Japan. <i>Pesticide Biochemistry and Physiology</i> , 2012, 103, 144-151.	1.6	26
54	Uridine Diphosphate-Glucuronosyltransferase (UGT) Xenobiotic Metabolizing Activity and Genetic Evolution in Pinniped Species. <i>Toxicological Sciences</i> , 2015, 147, 360-369.	1.4	26

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55	Constitutive Effects of Lead on Aryl Hydrocarbon Receptor Gene Battery and Protection by β -carotene and Ascorbic Acid in Human HepG2 Cells. <i>Journal of Food Science</i> , 2016, 81, T275-81.	1.5	26
56	Lead exposure in raptors from Japan and source identification using Pb stable isotope ratios. <i>Chemosphere</i> , 2017, 186, 367-373.	4.2	26
57	Characterization of phase-II conjugation reaction of polycyclic aromatic hydrocarbons in fish species: Unique pyrene metabolism and species specificity observed in fish species. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 567-578.	2.0	25
58	Quantitative elucidation of maternal-to-fetal transfer of neonicotinoid pesticide clothianidin and its metabolites in mice. <i>Toxicology Letters</i> , 2020, 322, 32-38.	0.4	25
59	Resolving the twin human and environmental health hazards of a plant-based diet. <i>Environment International</i> , 2020, 144, 106081.	4.8	25
60	DDTs and other organochlorine pesticides in tissues of four bird species from the Rift Valley region, Ethiopia. <i>Science of the Total Environment</i> , 2017, 574, 1389-1395.	3.9	24
61	Monitoring Lead (Pb) Pollution and Identifying Pb Pollution Sources in Japan Using Stable Pb Isotope Analysis with Kidneys of Wild Rats. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 56.	1.2	23
62	Land Use in Habitats Affects Metal Concentrations in Wild Lizards Around a Former Lead Mining Site. <i>Environmental Science & Technology</i> , 2020, 54, 14474-14481.	4.6	23
63	β -carotene and retinol reduce benzo[a]pyrene-induced mutagenicity and oxidative stress via transcriptional modulation of xenobiotic metabolizing enzymes in human HepG2 cell line. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6320-6328.	2.7	22
64	Characterization and imaging of lead distribution in bones of lead-exposed birds by ICP-MS and LA-ICP-MS. <i>Chemosphere</i> , 2018, 212, 994-1001.	4.2	22
65	Effects of PCB exposure on serum thyroid hormone levels in dogs and cats. <i>Science of the Total Environment</i> , 2019, 688, 1172-1183.	3.9	22
66	Blood lead levels and aberrant DNA methylation of the ALAD and p16 gene promoters in children exposed to environmental-lead. <i>Environmental Research</i> , 2020, 188, 109759.	3.7	22
67	High expression of the mRNA of cytochrome P450 and phase II enzymes in the lung and kidney tissues of cattle. <i>Animal</i> , 2010, 4, 2023-2029.	1.3	21
68	Anthropogenic and Naturally Produced Brominated Phenols in Pet Blood and Pet Food in Japan. <i>Environmental Science & Technology</i> , 2017, 51, 11354-11362.	4.6	21
69	Acute exposure to environmentally relevant lead levels induces oxidative stress and neurobehavioral alterations in larval zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2020, 227, 105607.	1.9	21
70	Bioaccumulation of DDT and other organochlorine pesticides in amphibians from two conservation areas within malaria risk regions of South Africa. <i>Chemosphere</i> , 2021, 274, 129956.	4.2	21
71	Identification of interspecific differences in phase II reactions: Determination of metabolites in the urine of 16 mammalian species exposed to environmental pyrene. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2062-2069.	2.2	20
72	Novel revelation of warfarin resistant mechanism in roof rats (<i>Rattus rattus</i>) using pharmacokinetic/pharmacodynamic analysis. <i>Pesticide Biochemistry and Physiology</i> , 2016, 134, 1-7.	1.6	20

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73	Contamination Levels and Sources of Heavy Metals and a Metalloid in Surface Soils in the Kumasi Metropolis, Ghana. <i>Journal of Health and Pollution</i> , 2017, 7, 28-39.	1.8	20
74	Phase-II conjugation ability for PAH metabolism in amphibians: Characteristics and inter-species differences. <i>Aquatic Toxicology</i> , 2011, 105, 337-343.	1.9	19
75	Effects of environmental lead contamination on cattle in a lead/zinc mining area: Changes in cattle immune systems on exposure to lead in vivo and in vitro. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2300-2305.	2.2	19
76	Î²-carotene and retinol contents in the meat of herbivorous ungulates with a special reference to their public health importance. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 351-354.	0.3	19
77	Uridine Diphosphate-Glucuronosyltransferase (UGT) 2B Subfamily Interspecies Differences in Carnivores. <i>Toxicological Sciences</i> , 2017, 158, 90-100.	1.4	19
78	Metabolic Activation of Heterocyclic Amines and Expression of CYP1A1 in the Tongue. <i>Toxicological Sciences</i> , 2010, 116, 79-91.	1.4	18
79	The Effect of Copper on the mRNA Expression Profile of Xenobiotic-Metabolizing Enzymes in Cultured Rat H4-II-E Cells. <i>Biological Trace Element Research</i> , 2014, 158, 243-248.	1.9	18
80	Cytochrome P450-mediated warfarin metabolic ability is not a critical determinant of warfarin sensitivity in avian species: In vitro assays in several birds and in vivo assays in chicken. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2328-2334.	2.2	18
81	Linking organochlorine exposure to biomarker response patterns in Anurans: a case study of Müller's clawed frog (<i>Xenopus muelleri</i>) from a tropical malaria vector control region. <i>Ecotoxicology</i> , 2018, 27, 1203-1216.	1.1	18
82	Fetal and lactational exposure to the no-observed-adverse-effect level (NOAEL) dose of the neonicotinoid pesticide clothianidin inhibits neurogenesis and induces different behavioral abnormalities at the developmental stages in male mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 542-548.	0.3	17
83	Strain differences in cytochrome P450 mRNA and protein expression, and enzymatic activity among Sprague Dawley, Wistar, Brown Norway and Dark Agouti rats. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 675-680.	0.3	16
84	Toxicokinetics and tissue depletion of Fusarenon-X and its metabolite nivalenol in piglets. <i>Food and Chemical Toxicology</i> , 2014, 66, 307-312.	1.8	15
85	Contamination status and accumulation characteristics of heavy metals and arsenic in five seabird species from the central Bering Sea. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 807-814.	0.3	15
86	Biomarkers in tigerfish (<i>Hydrocynus vittatus</i>) as indicators of metal and organic pollution in ecologically sensitive subtropical rivers. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 307-317.	2.9	15
87	How toxic is a non-toxic nanomaterial: Behaviour as an indicator of effect in <i>Danio rerio</i> exposed to nanogold. <i>Aquatic Toxicology</i> , 2019, 215, 105287.	1.9	15
88	Clinical biochemical parameters associated with the exposure to multiple environmental metals in residents from Kabwe, Zambia. <i>Chemosphere</i> , 2021, 262, 127788.	4.2	15
89	Assessment of LeadCare® II analysis for testing of a wide range of blood lead levels in comparison with ICP-MS analysis. <i>Chemosphere</i> , 2021, 271, 129832.	4.2	15
90	Aging-related changes in the sensitivity of behavioral effects of the neonicotinoid pesticide clothianidin in male mice. <i>Toxicology Letters</i> , 2021, 342, 95-103.	0.4	15

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91	Effects of <i>in utero&/i> and lactational exposure to the no-observed-adverse-effect level (NOAEL) dose of the neonicotinoid clothianidin on the reproductive organs of female mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 746-753.	0.3	15
92	Urinary concentrations of neonicotinoid insecticides were related to renal tubular dysfunction and neuropsychological complaints in Dry-zone of Sri Lanka. <i>Scientific Reports</i> , 2021, 11, 22484.	1.6	15
93	Cytochrome P450 1A-Dependent Activities in Deer, Cattle and Horses. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 561-566.	0.3	14
94	Mutagenic activation and detoxification of benzo[a]pyrene in vitro by hepatic cytochrome P450 1A1 and phase II enzymes in three meat-producing animals. <i>Food and Chemical Toxicology</i> , 2010, 48, 2526-2531.	1.8	14
95	Trophic transfer of pollutants within two intertidal rocky shore ecosystems in different biogeographic regions of South Africa. <i>Marine Pollution Bulletin</i> , 2020, 157, 111309.	2.3	14
96	Human Exposures to Neonicotinoids in Kumasi, Ghana. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2306-2318.	2.2	14
97	Neurotoxicity of a pyrethroid pesticide deltamethrin is associated with the imbalance in proteolytic systems caused by mitophagy activation and proteasome inhibition. <i>Toxicology and Applied Pharmacology</i> , 2021, 430, 115723.	1.3	14
98	Combined exposure to dinotefuran and chronic mild stress counteracts the change of the emotional and monoaminergic neuronal activity induced by either exposure singly despite corticosterone elevation in mice. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 350-359.	0.3	13
99	The CYP1D subfamily of genes in mammals and other vertebrates. <i>Mammalian Genome</i> , 2010, 21, 320-329.	1.0	12
100	Carotenoids as regulators for inter-species difference in cytochrome P450 1A expression and activity in ungulates and rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 3201-3208.	1.8	12
101	Evaluation of mitochondrial redox status and energy metabolism of X-irradiated HeLa cells by LC/UV, LC/MS/MS and ESR. <i>Free Radical Research</i> , 2018, 52, 648-660.	1.5	12
102	Functional and molecular characterization of UDP-glucuronosyltransferase 2 family in cynomolgus macaques. <i>Biochemical Pharmacology</i> , 2019, 163, 335-344.	2.0	12
103	Biotransport of metallic trace elements from marine to terrestrial ecosystems by seabirds. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 106-114.	2.2	12
104	Glutathione S-transferase gene polymorphisms in association with susceptibility to lead toxicity in lead- and cadmium-exposed children near an abandoned lead-zinc mining area in Kabwe, Zambia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 6622-6632.	2.7	12
105	Transcriptional profiling of inflammatory cytokine genes in African buffaloes (<i>Syncerus caffer</i>) infected with <i>Theileria parva</i> . <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 373-379.	0.5	11
106	Apoptosis and gene expression in the developing mouse brain of fusarenon-X-treated pregnant mice. <i>Toxicology Letters</i> , 2014, 229, 292-302.	0.4	11
107	Avian interspecific differences in VKOR activity and inhibition: Insights from amino acid sequence and mRNA expression ratio of VKORC1 and VKORC1L1. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108635.	1.3	11
108	Using stable ^{13}C and ^{15}N isotopes to assess foodweb structures in an African subtropical temporary pool. <i>African Zoology</i> , 2020, 55, 79-92.	0.2	11

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109	Feather mercury concentration in streaked shearwaters wintering in separate areas of southeast Asia. <i>Marine Ecology - Progress Series</i> , 2016, 546, 263-269.	0.9	11
110	Accumulation of Metals in the Liver and Kidneys of Cattle from Agricultural Areas in Lusaka, Zambia. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1345-1347.	0.3	10
111	Metal extent in blood of livestock from Dandora dumping site, Kenya: Source identification of Pb exposure by stable isotope analysis. <i>Environmental Pollution</i> , 2015, 205, 8-15.	3.7	10
112	Assessment of DDT contamination in house rat as a possible bioindicator in DDT-sprayed areas from Ethiopia and South Africa. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23763-23770.	2.7	10
113	Molecular and functional characterization of UDP-glucuronosyltransferase 1A in cynomolgus macaques. <i>Biochemical Pharmacology</i> , 2018, 155, 172-181.	2.0	10
114	Effects of the organochlorine p,p'-DDT on MCF-7 cells: Investigating metabolic and immune modulatory transcriptomic changes. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103249.	2.0	10
115	Neonicotinoid residues in commercial Japanese tea leaves produced by organic and conventional farming methods. <i>Toxicology Reports</i> , 2021, 8, 1657-1664.	1.6	10
116	An Investigation of the Wild Rat Crown Incisor as an Indicator of Lead (Pb) Exposure Using Inductively Couple Plasma Mass Spectrometry (ICP-MS) and Laser Ablation ICP-MS. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 767.	1.2	10
117	Characterization, Spatial Variation and Risk Assessment of Heavy Metals and a Metalloid in Surface Soils in Obuasi, Ghana. <i>Journal of Health and Pollution</i> , 2018, 8, 180902.	1.8	10
118	Environmentally relevant lead (Pb) water concentration induce toxicity in zebrafish (<i>Danio rerio</i>) larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 252, 109215.	1.3	10
119	The nucleotide sequence of metallothioneins (MT) in liver of the Kafue lechwe (<i>Kobus lechwe kafuensis</i>) and their potential as biomarkers of heavy metal pollution of the Kafue River. <i>Gene</i> , 2012, 506, 310-316.	1.0	9
120	Astaxanthin rich crude extract of <i>Haematococcus pluvialis</i> induces cytochrome P450 1A1 mRNA by activating aryl hydrocarbon receptor in rat hepatoma H4IIE cells. <i>Food Chemistry</i> , 2012, 130, 356-361.	4.2	9
121	A Novel Mutation in VKORC1 and Its Effect on Enzymatic Activity in Japanese Warfarin-Resistant Rats. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 135-139.	0.3	9
122	Insights into the drivers of histopathological changes and potential as bio-indicator of riverine health of an aquatic apex predator from a premier conservation area: A multiple lines of evidence and multivariate statistics approach. <i>Ecological Indicators</i> , 2017, 72, 530-544.	2.6	9
123	Investigation of hepatic warfarin metabolism activity in rodenticide-resistant black rats (<i>Rattus</i>) Tj ETQq1 1 0.784314 rgBT /Oylock 10	1.6	9
124	Interspecies differences in cytochrome P450-mediated metabolism of neonicotinoids among cats, dogs, rats, and humans. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108898.	1.3	9
125	Levels of DDTs and other organochlorine pesticides in healthy wild Nile crocodiles (<i>Crocodylus</i>) Tj ETQq1 1 0.784314 rgBT /Oylock 10	4.2	9
126	Evaluation of the ameliorative effect of <i>Spirulina</i> (<i>Arthrospira platensis</i>) supplementation on parameters relating to lead poisoning and obesity in C57BL/6J mice. <i>Journal of Functional Foods</i> , 2021, 77, 104344.	1.6	9

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127	Lead concentrations and isotope ratios in blood, breastmilk and feces: contribution of both lactation and soil/dust exposure to infants in a lead mining area, Kabwe, Zambia. <i>Environmental Pollution</i> , 2021, 286, 117456.	3.7	9
128	Characteristics of Accumulation Patterns of Polycyclic Aromatic Hydrocarbons in the Organisms Inhabited in Lake Suwa. <i>Journal of Environmental Chemistry</i> , 2008, 18, 341-352.	0.1	9
129	Metabolomic Alteration in the Plasma of Wild Rodents Environmentally Exposed to Lead: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 541.	1.2	9
130	Assessment of ameliorative effects of organic dietary interventions on neonicotinoid exposure rates in a Japanese population. <i>Environment International</i> , 2022, 162, 107169.	4.8	9
131	Sources, Distribution, and Inflow Pattern of Dioxins in the Bottom Sediment of Lake Suwa, Japan. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 915-921.	1.3	8
132	Sudan III dye strongly induces CYP1A1 mRNA expression in HepG2 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012, 26, 16-22.	1.4	8
133	TCDD-induced chick cardiotoxicity is abolished by a selective cyclooxygenase-2 (COX-2) inhibitor NS398. <i>Archives of Toxicology</i> , 2014, 88, 1739-1748.	1.9	8
134	Characterization and tissue distribution of conjugated metabolites of pyrene in the rat. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1261-1267.	0.3	8
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