

# Joel N. Meyer

## List of Publications by Year in descending order

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115  
papers

13,715  
citations

53660

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22102

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127  
all docs

127  
docs citations

127  
times ranked

24711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	<i>Caenorhabditis elegans</i> : An Emerging Model in Biomedical and Environmental Toxicology. <i>Toxicological Sciences</i> , 2008, 106, 5-28.	1.4	832
3	Mechanism of Silver Nanoparticle Toxicity Is Dependent on Dissolved Silver and Surface Coating in <i>Caenorhabditis elegans</i> . <i>Environmental Science &amp; Technology</i> , 2012, 46, 1119-1127.	4.6	535
4	Mitochondria as a Target of Environmental Toxicants. <i>Toxicological Sciences</i> , 2013, 134, 1-17.	1.4	427
5	Sulfidation of Silver Nanoparticles: Natural Antidote to Their Toxicity. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13440-13448.	4.6	364
6	Mitochondrial fusion, fission, and mitochondrial toxicity. <i>Toxicology</i> , 2017, 391, 42-53.	2.0	350
7	Intracellular uptake and associated toxicity of silver nanoparticles in <i>Caenorhabditis elegans</i> . <i>Aquatic Toxicology</i> , 2010, 100, 140-150.	1.9	327
8	PCR Based Determination of Mitochondrial DNA Copy Number in Multiple Species. <i>Methods in Molecular Biology</i> , 2015, 1241, 23-38.	0.4	307
9	Quantitative PCR-Based Measurement of Nuclear and Mitochondrial DNA Damage and Repair in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2006, 314, 183-199.	0.4	258
10	Mitochondria, Energetics, Epigenetics, and Cellular Responses to Stress. <i>Environmental Health Perspectives</i> , 2014, 122, 1271-1278.	2.8	221
11	Mitochondrial hTERT exacerbates free-radical-mediated mtDNA damage. <i>Aging Cell</i> , 2004, 3, 399-411.	3.0	214
12	<i>Fundulus</i> as the premier teleost model in environmental biology: Opportunities for new insights using genomics. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2007, 2, 257-286.	0.4	194
13	Quantitative PCR-Based Measurement of Nuclear and Mitochondrial DNA Damage and Repair in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2014, 1105, 419-437.	0.4	179
14	Mitochondrial localization of telomerase as a determinant for hydrogen peroxide-induced mitochondrial DNA damage and apoptosis. <i>Human Molecular Genetics</i> , 2006, 15, 1757-1768.	1.4	175
15	Nonadditive effects of PAHs on Early Vertebrate Development: mechanisms and implications for risk assessment. <i>Toxicological Sciences</i> , 2008, 105, 5-23.	1.4	146
16	HERITABLE ADAPTATION AND FITNESS COSTS IN KILLIFISH ( <i>FUNDULUS HETEROCLITUS</i> ) INHABITING A POLLUTED ESTUARY. , 2003, 13, 490-503.		145
17	Cytochrome P4501A (CYP1A) in Killifish ( <i>Fundulus heteroclitus</i> ): Heritability of Altered Expression and Relationship to Survival in Contaminated Sediments. <i>Toxicological Sciences</i> , 2002, 68, 69-81.	1.4	137
18	The QPCR assay for analysis of mitochondrial DNA damage, repair, and relative copy number. <i>Methods</i> , 2010, 51, 444-451.	1.9	137

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19	UV Disinfection of Adenoviruses: Molecular Indications of DNA Damage Efficiency. <i>Applied and Environmental Microbiology</i> , 2009, 75, 23-28.	1.4	136
20	Silver Nanoparticle Behavior, Uptake, and Toxicity in <i>Caenorhabditis elegans</i> : Effects of Natural Organic Matter. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3486-3495.	4.6	135
21	Mitochondrial DNA damage induced autophagy cell death and disease. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 42-54.	3.0	125
22	Mitochondrial Toxicity. <i>Toxicological Sciences</i> , 2018, 162, 15-23.	1.4	124
23	Mitochondrial dynamics and autophagy aid in removal of persistent mitochondrial DNA damage in <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , 2012, 40, 7916-7931.	6.5	113
24	Comparative toxicity of silver nanoparticles on oxidative stress and DNA damage in the nematode, <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2014, 108, 343-352.	4.2	101
25	A systematic review of evidence for silver nanoparticle-induced mitochondrial toxicity. <i>Environmental Science: Nano</i> , 2016, 3, 311-322.	2.2	100
26	Decline of nucleotide excision repair capacity in aging <i>Caenorhabditis elegans</i> . <i>Genome Biology</i> , 2007, 8, R70.	13.9	93
27	Altered Gene Expression and DNA Damage in Peripheral Blood Cells from Friedreich's Ataxia Patients: Cellular Model of Pathology. <i>PLoS Genetics</i> , 2010, 6, e1000812.	1.5	93
28	Metabolic reprogramming and dysregulated metabolism: cause, consequence and/or enabler of environmental carcinogenesis?. <i>Carcinogenesis</i> , 2015, 36, S203-S231.	1.3	93
29	Antioxidant defenses in killifish ( <i>Fundulus heteroclitus</i> ) exposed to contaminated sediments and model prooxidants: short-term and heritable responses. <i>Aquatic Toxicology</i> , 2003, 65, 377-395.	1.9	89
30	Analysis of DNA Damage and Repair in Nuclear and Mitochondrial DNA of Animal Cells Using Quantitative PCR. <i>Methods in Molecular Biology</i> , 2012, 920, 111-132.	0.4	86
31	Reducing Environmental Toxicity of Silver Nanoparticles through Shape Control. <i>Environmental Science &amp; Technology</i> , 2015, 49, 10093-10098.	4.6	83
32	Mitochondrial Morphology and Fundamental Parameters of the Mitochondrial Respiratory Chain Are Altered in <i>Caenorhabditis elegans</i> Strains Deficient in Mitochondrial Dynamics and Homeostasis Processes. <i>PLoS ONE</i> , 2015, 10, e0130940.	1.1	79
33	Cerium Oxide Nanoparticles are More Toxic than Equimolar Bulk Cerium Oxide in <i>Caenorhabditis elegans</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 224-233.	2.1	78
34	Patterns of heritability of decreased EROD activity and resistance to PCB 126-induced teratogenesis in laboratory-reared offspring of killifish ( <i>Fundulus heteroclitus</i> ) from a creosote-contaminated site in the Elizabeth River, VA, USA. <i>Marine Environmental Research</i> , 2002, 54, 621-626.	1.1	75
35	PCR-Based Analysis of Mitochondrial DNA Copy Number, Mitochondrial DNA Damage, and Nuclear DNA Damage. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2016, 67, 20.11.1-20.11.25.	1.1	72
36	Surface acoustic waves enable rotational manipulation of <i>Caenorhabditis elegans</i> . <i>Lab on A Chip</i> , 2019, 19, 984-992.	3.1	69

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37	AHR2-Mediated Transcriptomic Responses Underlying the Synergistic Cardiac Developmental Toxicity of PAHs. <i>Toxicological Sciences</i> , 2015, 143, 469-481.	1.4	68
38	Exposure to Mitochondrial Genotoxins and Dopaminergic Neurodegeneration in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2014, 9, e114459.	1.1	65
39	EXPRESSION AND INDUCIBILITY OF ARYL HYDROCARBON RECEPTOR PATHWAY GENES IN WILD-CAUGHT KILLIFISH ( <i>FUNDULUS HETEROCLITUS</i> ) WITH DIFFERENT CONTAMINANT-EXPOSURE HISTORIES. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2337.	2.2	63
40	<i>Caenorhabditis elegans</i> Generates Biologically Relevant Levels of Genotoxic Metabolites from Aflatoxin B1 but Not Benzo[a]pyrene In Vivo. <i>Toxicological Sciences</i> , 2010, 118, 444-453.	1.4	62
41	Reactive Oxygen Species and Oxidative Stress. , 2008, , 273-324.		60
42	QPCR: a tool for analysis of mitochondrial and nuclear DNA damage in ecotoxicology. <i>Ecotoxicology</i> , 2010, 19, 804-811.	1.1	57
43	Xenobiotic metabolism and transport in <i>Caenorhabditis elegans</i> . <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2021, 24, 51-94.	2.9	51
44	Nucleotide excision repair genes are expressed at low levels and are not detectably inducible in <i>Caenorhabditis elegans</i> somatic tissues, but their function is required for normal adult life after UVC exposure. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 683, 57-67.	0.4	50
45	Cellular Toxicity Associated with Exposure to Perfluorinated Carboxylates (PFCAs) and Their Metabolic Precursors. <i>Chemical Research in Toxicology</i> , 2014, 27, 42-50.	1.7	49
46	Deficiencies in mitochondrial dynamics sensitize <i>Caenorhabditis elegans</i> to arsenite and other mitochondrial toxicants by reducing mitochondrial adaptability. <i>Toxicology</i> , 2017, 387, 81-94.	2.0	49
47	Mitochondrial toxicity in hearts of CD-1 mice following perinatal exposure to AZT, 3TC, or AZT/3TC in combination. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 190-200.	0.9	48
48	Intracellular trafficking pathways in silver nanoparticle uptake and toxicity in <i>Caenorhabditis elegans</i> . <i>Nanotoxicology</i> , 2016, 10, 831-835.	1.6	48
49	Biogas Stoves Reduce Firewood Use, Household Air Pollution, and Hospital Visits in Odisha, India. <i>Environmental Science &amp; Technology</i> , 2017, 51, 560-569.	4.6	48
50	Distinctive adaptive response to repeated exposure to hydrogen peroxide associated with upregulation of DNA repair genes and cell cycle arrest. <i>Redox Biology</i> , 2016, 9, 124-133.	3.9	47
51	Dynamic Zebrafish Interactome Reveals Transcriptional Mechanisms of Dioxin Toxicity. <i>PLoS ONE</i> , 2010, 5, e10465.	1.1	47
52	The high-production volume fungicide pyraclostrobin induces triglyceride accumulation associated with mitochondrial dysfunction, and promotes adipocyte differentiation independent of PPAR $\alpha$ activation, in 3T3-L1 cells. <i>Toxicology</i> , 2018, 393, 150-159.	2.0	45
53	Seahorse Xf <sup>e</sup> 24 Extracellular Flux Analyzer-Based Analysis of Cellular Respiration in <i>Caenorhabditis elegans</i> . <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , 2015, 66, 25.7.1-15.	1.1	44
54	Effects of early life exposure to ultraviolet C radiation on mitochondrial DNA content, transcription, ATP production, and oxygen consumption in developing <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology &amp; Toxicology</i> , 2013, 14, 9.	1.0	42

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55	Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds among recently pregnant rural Guatemalan women cooking and heating with solid fuels. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 726-735.	2.1	42
56	Linking Mitochondrial Dysfunction to Organismal and Population Health in the Context of Environmental Pollutants: Progress and Considerations for Mitochondrial Adverse Outcome Pathways. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1625-1634.	2.2	42
57	Human Mitochondrial DNA Polymerase $\gamma$ Exhibits Potential for Bypass and Mutagenesis at UV-induced Cyclobutane Thymine Dimers. <i>Journal of Biological Chemistry</i> , 2012, 287, 9222-9229.	1.6	40
58	DEPDC1/LET-99 participates in an evolutionarily conserved pathway for anti-tubulin drug-induced apoptosis. <i>Nature Cell Biology</i> , 2014, 16, 812-820.	4.6	39
59	A micro-sized model for the in vivo study of nanoparticle toxicity: what has <i>Caenorhabditis elegans</i> taught us?. <i>Environmental Chemistry</i> , 2014, 11, 227.	0.7	39
60	Effects of 5-fluoro-2-deoxyuridine on mitochondrial biology in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2014, 56, 69-76.	1.2	39
61	<i>Caenorhabditis elegans</i> as an emerging model system in environmental epigenetics. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 560-575.	0.9	39
62	Mitochondria as a target of organophosphate and carbamate pesticides: Revisiting common mechanisms of action with new approach methodologies. <i>Reproductive Toxicology</i> , 2019, 89, 83-92.	1.3	39
63	Swimming Exercise and Transient Food Deprivation in <i>Caenorhabditis elegans</i> Promote Mitochondrial Maintenance and Protect Against Chemical-Induced Mitotoxicity. <i>Scientific Reports</i> , 2018, 8, 8359.	1.6	38
64	Role of mitochondrial DNA damage and dysfunction in veterans with Gulf War Illness. <i>PLoS ONE</i> , 2017, 12, e0184832.	1.1	38
65	Differential display of hepatic mRNA from killifish ( <i>Fundulus heteroclitus</i> ) inhabiting a Superfund estuary. <i>Aquatic Toxicology</i> , 2005, 73, 327-341.	1.9	37
66	From the Cover: Arsenite Uncouples Mitochondrial Respiration and Induces a Warburg-like Effect in <i>Caenorhabditis elegans</i> . <i>Toxicological Sciences</i> , 2016, 152, 349-362.	1.4	37
67	UV-induced Mitochondrial Degradation via Autophagy Correlates with mtDNA Damage Removal in Primary Human Fibroblasts. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 28-41.	1.4	34
68	Mitochondrial DNA-depleted A549 cells are resistant to bleomycin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L413-L424.	1.3	31
69	Effects of methyl and inorganic mercury exposure on genome homeostasis and mitochondrial function in <i>Caenorhabditis elegans</i> . <i>DNA Repair</i> , 2017, 52, 31-48.	1.3	31
70	The long amplicon quantitative PCR for DNA damage assay as a sensitive method of assessing DNA damage in the environmental model, Atlantic killifish ( <i>Fundulus heteroclitus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 182-186.	1.3	30
71	Caveats to the use of MTT, neutral red, Hoechst and Resazurin to measure silver nanoparticle cytotoxicity. <i>Chemico-Biological Interactions</i> , 2020, 315, 108868.	1.7	30
72	Silver nanoparticle toxicity to Atlantic killifish ( <i>Fundulus heteroclitus</i> ) and <i>Caenorhabditis elegans</i> : A comparison of mesocosm, microcosm, and conventional laboratory studies. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 275-282.	2.2	29

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73	Open source acoustofluidics. Lab on A Chip, 2019, 19, 2404-2414.	3.1	28
74	Fluorescence-based sorting of <i>Caenorhabditis elegans</i> via acoustofluidics. Lab on A Chip, 2020, 20, 1729-1739.	3.1	27
75	In Vivo Determination of Mitochondrial Function Using Luciferase-Expressing <i>Caenorhabditis elegans</i> : Contribution of Oxidative Phosphorylation, Glycolysis, and Fatty Acid Oxidation to Toxicant-Induced Dysfunction. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]. 2016. 69. 25.8.1-25.8.22.	1.1	25
76	Sources, mechanisms, and consequences of chemical-induced mitochondrial toxicity. Toxicology, 2017, 391, 2-4.	2.0	25
77	Phototoxicity in Human Retinal Pigment Epithelial Cells Promoted by Hypericin, a Component of St. John's Wort. Photochemistry and Photobiology, 2007, 83, 706-713.	1.3	23
78	Materials and toxicological approaches to study metal and metal-oxide nanoparticles in the model organism <i>Caenorhabditis elegans</i> . Materials Horizons, 2017, 4, 719-746.	6.4	23
79	Nonselective autophagy reduces mitochondrial content during starvation in <i>Caenorhabditis elegans</i> . American Journal of Physiology - Cell Physiology, 2018, 315, C781-C792.	2.1	22
80	In vivo repair of alkylating and oxidative DNA damage in the mitochondrial and nuclear genomes of wild-type and glycosylase-deficient <i>Caenorhabditis elegans</i> . DNA Repair, 2012, 11, 857-863.	1.3	21
81	Effects of mutations in mitochondrial dynamics-related genes on the mitochondrial response to ultraviolet C radiation in developing <i>Caenorhabditis elegans</i> . Worm, 2013, 2, e23763.	1.0	21
82	Assessing Different Mechanisms of Toxicity in Mountaintop Removal/Valley Fill Coal Mining-Affected Watershed Samples Using <i>Caenorhabditis elegans</i> . PLoS ONE, 2013, 8, e75329.	1.1	21
83	<i>Caenorhabditis elegans</i> as a Model for Toxic Effects of Nanoparticles: Lethality, Growth, and Reproduction. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2015, 66, 20.10.1-20.10.25.	1.1	21
84	Antagonistic Growth Effects of Mercury and Selenium in <i>Caenorhabditis elegans</i> Are Chemical-Species-Dependent and Do Not Depend on Internal Hg/Se Ratios. Environmental Science & Technology, 2016, 50, 3256-3264.	4.6	21
85	Toxicological implications of mitochondrial localization of CYP2E1. Toxicology Research, 2017, 6, 273-289.	0.9	21
86	Involvement of autophagy and mitochondrial dynamics in determining the fate and effects of irreparable mitochondrial DNA damage. Autophagy, 2012, 8, 1822-1823.	4.3	20
87	DNA Adducts of Decarbamoyl Mitomycin C Efficiently Kill Cells without Wild-Type p53 Resulting from Proteasome-Mediated Degradation of Checkpoint Protein 1. Chemical Research in Toxicology, 2010, 23, 1151-1162.	1.7	19
88	Genetic Defects in Mitochondrial Dynamics in <i>Caenorhabditis elegans</i> Impact Ultraviolet C Radiation- and 6-hydroxydopamine-Induced Neurodegeneration. International Journal of Molecular Sciences, 2019, 20, 3202.	1.8	19
89	The tobacco-specific nitrosamine 4-(methylnitrosamino)-3-pyridyl-1-butanone (NNK) induces mitochondrial and nuclear DNA damage in <i>Caenorhabditis elegans</i> . Environmental and Molecular Mutagenesis, 2014, 55, 43-50.	0.9	18
90	Analysis of CpG methylation in the killifish CYP1A promoter. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 406-411.	1.3	17

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91	Blinded Visual Scoring of Images Using the Freely-available Software Blender. Bio-protocol, 2018, 8, .	0.2	17
92	Strengths and limitations of morphological and behavioral analyses in detecting dopaminergic deficiency in <i>Caenorhabditis elegans</i> . NeuroToxicology, 2019, 74, 209-220.	1.4	16
93	PCR-Based Determination of Mitochondrial DNA Copy Number in Multiple Species. Methods in Molecular Biology, 2021, 2310, 91-111.	0.4	16
94	Mitochondrial bioenergetic changes during development as an indicator of <i>C. elegans</i> health-span. Aging, 2019, 11, 6535-6554.	1.4	16
95	Early-life mitochondrial DNA damage results in lifelong deficits in energy production mediated by redox signaling in <i>Caenorhabditis elegans</i> . Redox Biology, 2021, 43, 102000.	3.9	15
96	Effects of reduced mitochondrial DNA content on secondary mitochondrial toxicant exposure in <i>Caenorhabditis elegans</i> . Mitochondrion, 2016, 30, 255-264.	1.6	14
97	Effects of Immunosuppressive Medications on Mitochondrial Function. Journal of Surgical Research, 2020, 249, 50-57.	0.8	14
98	Multiple metabolic changes mediate the response of <i>Caenorhabditis elegans</i> to the complex I inhibitor rotenone. Toxicology, 2021, 447, 152630.	2.0	14
99	<i>In Vivo</i> Effects of Silver Nanoparticles on Development, Behavior, and Mitochondrial Function are Altered by Genetic Defects in Mitochondrial Dynamics. Environmental Science & Technology, 2022, 56, 1113-1124.	4.6	14
100	Predictors of mitochondrial DNA copy number and damage in a mercury-exposed rural Peruvian population near artisanal and small-scale gold mining: An exploratory study. Environmental and Molecular Mutagenesis, 2019, 60, 197-210.	0.9	13
101	Newly Revised Quantitative PCR-Based Assay for Mitochondrial and Nuclear DNA Damage. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2018, 76, e50.	1.1	11
102	Lack of Detectable Direct Effects of Silver and Silver Nanoparticles on Mitochondria in Mouse Hepatocytes. Environmental Science & Technology, 2021, 55, 11166-11175.	4.6	11
103	Rotenone Modulates <i>Caenorhabditis elegans</i> Immunometabolism and Pathogen Susceptibility. Frontiers in Immunology, 2022, 13, 840272.	2.2	11
104	Neuroigin-mediated neurodevelopmental defects are induced by mitochondrial dysfunction and prevented by lutein in <i>C. elegans</i> . Nature Communications, 2022, 13, 2620.	5.8	11
105	Quantifying Levels of Dopaminergic Neuron Morphological Alteration and Degeneration in <i>Caenorhabditis elegans</i> . Journal of Visualized Experiments, 2021, , .	0.2	10
106	Zebrafish CYP1A expression in transgenic <i>Caenorhabditis elegans</i> protects from exposures to benzo[a]pyrene and a complex polycyclic aromatic hydrocarbon mixture. Toxicology, 2020, 440, 152473.	2.0	9
107	Mitochondrial DNA Mutagenesis: Feature of and Biomarker for Environmental Exposures and Aging. Current Environmental Health Reports, 2021, 8, 294-308.	3.2	9
108	Developmental toxicity and DNA damage from exposure to parking lot runoff retention pond samples in the Japanese medaka ( <i>Oryzias latipes</i> ). Marine Environmental Research, 2014, 99, 117-124.	1.1	8

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109	Response to Comment on "Sulfidation of Silver Nanoparticles: Natural Antidote to Their Toxicity". Environmental Science & Technology, 2014, 48, 6051-6052.	4.6	5
110	Evaluation of Peruvian Government Interventions to Reduce Childhood Anemia. Annals of Global Health, 2020, 86, 98.	0.8	5
111	A call for fuller reporting of toxicity test data. Integrated Environmental Assessment and Management, 2013, 9, 347-348.	1.6	3
112	Zebrafish have an ethanol-inducible hepatic 4-nitrophenol hydroxylase that is not CYP2E1-like. Environmental Toxicology and Pharmacology, 2017, 54, 142-145.	2.0	3
113	Sex-specific DNA methylation and associations with <i>in utero</i> tobacco smoke exposure at nuclear-encoded mitochondrial genes. Epigenetics, 2022, 17, 1573-1589.	1.3	3
114	Developmental nicotine exposure and masculinization of the rat preoptic area. NeuroToxicology, 2022, 89, 41-54.	1.4	2
115	strain sensitivity to sodium arsenite exposure is varied based on age and outcome measured. MicroPublication Biology, 2019, 2019, .	0.1	1