Jinhee Choi

List of Publications by Year
in descending order

119 papers	6,889 citations	71102 41 h-index	62596 80 g-index
121 all docs	121 docs citations	121 times ranked	9003 citing authors

#	Article	IF	Citations
1	Oxidative stress-dependent toxicity of silver nanoparticles in human hepatoma cells. Toxicology in Vitro, 2009, 23, 1076-1084.	2.4	762
2	Silver nanoparticles induce oxidative cell damage in human liver cells through inhibition of reduced glutathione and induction of mitochondria-involved apoptosis. Toxicology Letters, 2011, 201, 92-100.	0.8	582
3	Ecotoxicity of Silver Nanoparticles on the Soil Nematode Caenorhabditis elegans Using Functional Ecotoxicogenomics. Environmental Science & Technology, 2009, 43, 3933-3940.	10.0	396
4	p38 MAPK Activation, DNA Damage, Cell Cycle Arrest and Apoptosis As Mechanisms of Toxicity of Silver Nanoparticles in Jurkat T Cells. Environmental Science & Technology, 2010, 44, 8337-8342.	10.0	312
5	A systems toxicology approach to the surface functionality control of grapheneâ€“cell interactions. Biomaterials, 2014, 35, 1109-1127.	11.4	239
6	Oxidative stress of CeO2 nanoparticles via p38-Nrf-2 signaling pathway in human bronchial epithelial cell, Beas-2B. Toxicology Letters, 2009, 187, 77-83.	0.8	225
7	Oxidative stress of silica nanoparticles in human bronchial epithelial cell, Beas-2B. Toxicology in Vitro, 2009, 23, 1326-1332.	2.4	182
8	Oxidative stressâ€related PMKâ€1 P38 MAPK activation as a mechanism for toxicity of silver nanoparticles to reproduction in the nematode Caenorhabditis elegans. Environmental Toxicology and Chemistry, 2012, 31, 585-592.	4.3	167
9	Adverse outcome pathways potentially related to hazard identification of microplastics based on toxicity mechanisms. Chemosphere, 2019, 231, 249-255.	8.2	165
10	Ecotoxicological investigation of CeO2 and TiO2 nanoparticles on the soil nematode Caenorhabditis elegans using gene expression, growth, fertility, and survival as endpoints. Environmental Toxicology and Pharmacology, 2010, 29, 167-172.	4.0	161
11	Expression of heat shock protein and hemoglobin genes in Chironomus tentans (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 freshwater monitoring. Chemosphere, 2006, 65, 1074-1081.	8.2	160
12	Genotoxicity and ecotoxicity assays using the freshwater crustacean Daphnia magna and the larva of the aquatic midge Chironomus riparius to screen the ecological risks of nanoparticle exposure. Environmental Toxicology and Pharmacology, 2009, 28, 86-91.	4.0	135
13	Endoplasmic reticulum stress signaling is involved in silver nanoparticles-induced apoptosis. International Journal of Biochemistry and Cell Biology, 2012, 44, 224-232.	2.8	135
14	Identification, characterization and expression profiles of Chironomus riparius glutathione S-transferase (GST) genes in response to cadmium and silver nanoparticles exposure. Aquatic Toxicology, 2011, 101, 550-560.	4.0	113
15	ASSESSMENT OF STRESS-RELATED GENE EXPRESSION IN THE HEAVY METALâ€“EXPOSED NEMATODE CAENORHABDITIS ELEGANS: A POTENTIAL BIOMARKER FOR METAL-INDUCED TOXICITY MONITORING AND ENVIRONMENTAL RISK ASSESSMENT. Environmental Toxicology and Chemistry, 2006, 25, 2946.	4.3	111
16	Comparative toxicity of silver nanoparticles on oxidative stress and DNA damage in the nematode, Caenorhabditis elegans. Chemosphere, 2014, 108, 343-352.	8.2	101
17	Inhalation toxicity of polystyrene micro(nano)plastics using modified OECD TG 412. Chemosphere, 2021, 262, 128330.	8.2	91
18	Cytotoxicity, genotoxicity and ecotoxicity assay using human cell and environmental species for the screening of the risk from pollutant exposure. Environment International, 2007, 33, 817-822.	10.0	82

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19	Toxic effects of di(2-ethylhexyl)phthalate on mortality, growth, reproduction and stress-related gene expression in the soil nematode Caenorhabditis elegans. Toxicology, 2007, 237, 126-133.	4.2	79
20	Differential expression of ribosomal protein gene, gonadotrophin releasing hormone gene and Balbiani ring protein gene in silver nanoparticles exposed Chironomus riparius. Aquatic Toxicology, 2011, 101, 31-37.	4.0	79
21	Integrated mRNA and micro RNA profiling reveals epigenetic mechanism of differential sensitivity of Jurkat T cells to AgNPs and Ag ions. Toxicology Letters, 2014, 229, 311-318.	0.8	74
22	Potential Toxicity of Differential Functionalized Multiwalled Carbon Nanotubes (MWCNT) in Human Cell Line (BEAS2B) andCaenorhabditis elegans. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1399-1408.	2.3	68
23	Silver nanoparticles down-regulate Nrf2-mediated 8-oxoguanine DNA glycosylase 1 through inactivation of extracellular regulated kinase and protein kinase B in human Chang liver cells. Toxicology Letters, 2011, 207, 143-148.	0.8	67
24	Genotoxic Effects of Nonylphenol and Bisphenol A Exposure in Aquatic Biomonitoring Species: Freshwater Crustacean, Daphnia magna, and Aquatic Midge, Chironomus riparius. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 463-468.	2.7	64
25	Effects of physical (hypoxia, hyperoxia) and chemical (potassium dichromate, fenitrothion) stress on antioxidant enzyme activities in Chironomus riparius mg. (diptera, chironomidae) larvae: Potential biomarkers. Environmental Toxicology and Chemistry, 2000, 19, 495-500.	4.3	61
26	MULTILEVEL EVALUATION OF NONYLPHENOL TOXICITY IN FOURTH-INSTAR LARVAE OF CHIRONOMUS RIPARIUS (DIPTERA, CHIRONOMIDAE). Environmental Toxicology and Chemistry, 2006, 25, 3006.	4.3	61
27	Development of AOP relevant to microplastics based on toxicity mechanisms of chemical additives using ToxCastâ„¢ and deep learning models combined approach. Environment International, 2020, 137, 105557.	10.0	59
28	Effects of silver nanoparticles on oxidative DNA damageâ€“repair as a function of p38 MAPK status: A comparative approach using human Jurkat T cells and the nematode Caenorhabditis elegans. Environmental and Molecular Mutagenesis, 2014, 55, 122-133.	2.2	56
29	Neurotoxic potential of polystyrene nanoplastics in primary cells originating from mouse brain. NeuroToxicology, 2020, 81, 189-196.	3.0	55
30	A systems toxicology approach reveals the Wnt-MAPK crosstalk pathway mediated reproductive failure inCaenorhabditis elegansexposed to graphene oxide (GO) but not to reduced graphene oxide (rGO). Nanotoxicology, 2017, 11, 76-86.	3.0	54
31	Hazard potential of perovskite solar cell technology for potential implementation of â€œsafe-by-designâ€• approach. Scientific Reports, 2019, 9, 4242.	3.3	53
32	EFFECTS OF PHYSICAL (HYPOXIA, HYPEROXIA) AND CHEMICAL (POTASSIUM DICHROMATE, FENITROTHION) STRESS ON ANTIOXIDANT ENZYME ACTIVITIES IN CHIRONOMUS RIPARIUS MG. (DIPTERA,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td 495.	4.3	52
33	Effects of bisphenol A and ethynyl estradiol exposure on enzyme activities, growth and development in the fourth instar larvae of Chironomus riparius (Diptera, Chironomidae). Ecotoxicology and Environmental Safety, 2007, 68, 84-90.	6.0	51
34	Ecotoxicological evaluation of chlorpyrifos exposure on the nematode Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2008, 71, 483-489.	6.0	51
35	Evaluation of the effect of silver nanoparticles and silver ions using stress responsive gene expression in Chironomus riparius. Chemosphere, 2013, 92, 592-599.	8.2	50
36	Modulation in the mRNA expression of ecdysone receptor gene in aquatic midge, Chironomus riparius upon exposure to nonylphenol and silver nanoparticles. Environmental Toxicology and Pharmacology, 2012, 33, 98-106.	4.0	49

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37	Effects of environmental contaminants on hemoglobin of larvae of aquatic midge, Chironomus riparius (Diptera: Chironomidae): A potential biomarker for ecotoxicity monitoring. Chemosphere, 2008, 71, 1928-1936.	8.2	46
38	Differential genotoxic and epigenotoxic effects of graphene family nanomaterials (GFNs) in human bronchial epithelial cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 798-799, 1-10.	1.7	45
39	Involvement of Caenohabditis elegans MAPK Signaling Pathways in Oxidative Stress Response Induced by Silver Nanoparticles Exposure. Toxicological Research, 2012, 28, 19-24.	2.1	45
40	Screening of toxic potential of graphene family nanomaterials using in vitro and alternative in vivo toxicity testing systems. Environmental Health and Toxicology, 2015, 30, e2015007.	1.8	44
41	Hypoxia, hyperoxia and exposure to potassium dichromate or fenitrothion alter the energy metabolism in Chironomus riparius Mg. (Diptera: Chironomidae) larvae. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 130, 11-17.	2.6	42
42	Expression of catalase and glutathione S-transferase genes in Chironomus riparius on exposure to cadmium and nonylphenol. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 399-408.	2.6	42
43	A micro-sized model for the in vivo study of nanoparticle toxicity: what has Caenorhabditis elegans taught us?. Environmental Chemistry, 2014, 11, 227.	1.5	39
44	Diameter size and aspect ratio as critical determinants of uptake, stress response, global metabolomics and epigenetic alterations in multi-wall carbon nanotubes. Carbon, 2016, 108, 529-540.	10.3	38
45	Hypoxia inducible factor-1 (HIF-1)â€“flavin containing monooxygenase-2 (FMO-2) signaling acts in silver nanoparticles and silver ion toxicity in the nematode, Caenorhabditis elegans. Toxicology and Applied Pharmacology, 2013, 270, 106-113.	2.8	36
46	Development of Adverse Outcome Pathway for PPARÎ³ Antagonism Leading to Pulmonary Fibrosis and Chemical Selection for Its Validation: ToxCast Database and a Deep Learning Artificial Neural Network Model-Based Approach. Chemical Research in Toxicology, 2019, 32, 1212-1222.	3.3	36
47	Effects of Environmental Contaminants on Hemoglobin Gene Expression in Daphnia magna: A Potential Biomarker for Freshwater Quality Monitoring. Archives of Environmental Contamination and Toxicology, 2009, 57, 330-337.	4.1	35
48	A systems toxicology approach on the mechanism of uptake and toxicity of MWCNT in Caenorhabditis elegans. Chemico-Biological Interactions, 2015, 239, 153-163.	4.0	35
49	Effect of sulfidation and dissolved organic matters on toxicity of silver nanoparticles in sediment dwelling organism, Chironomus riparius. Science of the Total Environment, 2016, 553, 565-573.	8.0	35
50	Identification of adverse outcome pathway related to high-density polyethylene microplastics exposure: Caenorhabditis elegans transcription factor RNAi screening and zebrafish study. Journal of Hazardous Materials, 2020, 388, 121725.	12.4	34
51	Artificial Intelligence-Based Toxicity Prediction of Environmental Chemicals: Future Directions for Chemical Management Applications. Environmental Science & Technology, 2022, 56, 7532-7543.	10.0	34
52	Characterization and expression of superoxide dismutase genes in Chironomus riparius (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Physiology Part - C: Toxicology and Pharmacology, 2012, 156, 187-194.	2.6	33
53	Graphene oxide nano-bio interaction induces inhibition of spermatogenesis and disturbance of fatty acid metabolism in the nematode Caenorhabditis elegans. Toxicology, 2018, 410, 83-95.	4.2	33
54	Clathrin-mediated endocytosis is involved in uptake and toxicity of silica nanoparticles in Caenohabditis elegans. Chemico-Biological Interactions, 2019, 311, 108774.	4.0	33

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55	Differential crosstalk between global DNA methylation and metabolomics associated with cell type specific stress response by pristine and functionalized MWCNT. Biomaterials, 2017, 115, 167-180.	11.4	31
56	Effect of cadmium exposure on the globin protein expression in 4th instar larvae of Chironomus riparius Mg. (Diptera: Chironomidae): An ecotoxicoproteomics approach. Proteomics, 2009, 9, 31-39.	2.2	30
57	Characterization and expression of cytochrome p450 cDNA (CYP9AT2) in Chironomus riparius fourth instar larvae exposed to multiple xenobiotics. Environmental Toxicology and Pharmacology, 2013, 36, 1133-1140.	4.0	29
58	Skin corrosion and irritation test of sunscreen nanoparticles using reconstructed 3D human skin model. Environmental Health and Toxicology, 2014, 29, e2014004.	1.8	29
59	Validation of a two-generational reproduction test in Daphnia magna: An interlaboratory exercise. Science of the Total Environment, 2017, 579, 1073-1083.	8.0	29
60	Developing adverse outcome pathways on silver nanoparticle-induced reproductive toxicity via oxidative stress in the nematode Caenorhabditis elegans using a Bayesian network model. Nanotoxicology, 2018, 12, 1182-1197.	3.0	29
61	Transcriptional regulation of glutathione biosynthesis genes, Î³-glutamyl-cysteine ligase and glutathione synthetase in response to cadmium and nonylphenol in Chironomus riparius. Environmental Toxicology and Pharmacology, 2013, 36, 265-273.	4.0	28
62	Cyp35a2 gene expression is involved in toxicity of fenitrothion in the soil nematode Caenorhabditis elegans. Chemosphere, 2011, 84, 1356-1361.	8.2	27
63	Ecotoxicity of bare and coated silver nanoparticles in the aquatic midge, Chironomus riparius. Environmental Toxicology and Chemistry, 2015, 34, 2023-2032.	4.3	27
64	Toxic potentiality of bio-oils, from biomass pyrolysis, in cultured cells andCaenorhabditis elegans. Environmental Toxicology, 2014, 29, 1409-1419.	4.0	25
65	Global metabolomics approach in in vitro and in vivo models reveals hepatic glutathione depletion induced by amorphous silica nanoparticles. Chemico-Biological Interactions, 2018, 293, 100-106.	4.0	25
66	In Silico Molecular Docking and In Vivo Validation with Caenorhabditis elegans to Discover Molecular Initiating Events in Adverse Outcome Pathway Framework: Case Study on Endocrine-Disrupting Chemicals with Estrogen and Androgen Receptors. International Journal of Molecular Sciences, 2019, 20, 1209.	4.1	25
67	Characterization of superoxide dismutase activity in Chironomus riparius Mg. (Diptera, Chironomidae) larvae â€" a potential biomarker. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 124, 73-81.	0.5	24
68	Multilevel effects of sublethal fenitrothion exposure in Chironomus riparius Mg. (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	4.3	23
69	Graphene oxide-induced neurotoxicity on neurotransmitters, AFD neurons and locomotive behavior in Caenorhabditis elegans. NeuroToxicology, 2020, 77, 30-39.	3.0	23
70	Inhalation toxicity of indoor air pollutants in Drosophila melanogaster using integrated transcriptomics and computational behavior analyses. Scientific Reports, 2017, 7, 46473.	3.3	22
71	Histone methylation-associated transgenerational inheritance of reproductive defects in Caenorhabditis elegans exposed to crude oil under various exposure scenarios. Chemosphere, 2018, 200, 358-365.	8.2	22
72	Use of adverse outcome pathways in chemical toxicity testing: potential advantages and limitations. Environmental Health and Toxicology, 2018, 33, e2018002.	1.8	22

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73	Genetic, epigenetic, and developmental toxicity of Chironomus riparius raised in metal-contaminated field sediments: A multi-generational study with arsenic as a second challenge. Science of the Total Environment, 2019, 672, 789-797.	8.0	22
74	JAK/STAT and TGF-ÃŸ activation as potential adverse outcome pathway of TiO2NPs phototoxicity in Caenorhabditis elegans. Scientific Reports, 2017, 7, 17833.	3.3	21
75	Epigenetic profiling to environmental stressors in model and non-model organisms: Ecotoxicology perspective. Environmental Health and Toxicology, 2018, 33, e2018015.	1.8	21
76	Effect of aspect ratio on the uptake and toxicity of hydroxylated-multi walled carbon nanotubes in the nematode, Caenorhabditis elegans. Environmental Health and Toxicology, 2015, 30, e2015001.	1.8	21
77	Development of biomarker for detecting silver nanoparticles exposure using a GAL4 enhancer trap screening in Drosophila. Environmental Toxicology and Pharmacology, 2013, 36, 548-556.	4.0	20
78	Integrated approach of eco-epigenetics and eco-metabolomics on the stress response of bisphenol-A exposure in the aquatic midge Chironomus riparius. Ecotoxicology and Environmental Safety, 2018, 163, 111-116.	6.0	20
79	Multi-generational impacts of organic contaminated stream water on Daphnia magna: A combined proteomics, epigenetics and ecotoxicity approach. Environmental Pollution, 2019, 249, 217-224.	7.5	20
80	Stress Response of Mouse Embryonic Fibroblasts Exposed to Polystyrene Nanoplastics. International Journal of Molecular Sciences, 2021, 22, 2094.	4.1	20
81	Ecotoxicological evaluation of octachlorostyrene in fourth instar larvae of Chironomus riparius (Diptera, chironomidae). Environmental Toxicology and Chemistry, 2008, 27, 1118-1127.	4.3	19
82	A cadmium toxicity assay using stress responsive Caenorhabditis elegans mutant strains. Environmental Toxicology and Pharmacology, 2009, 28, 409-413.	4.0	19
83	Characterization and expression analysis of phospholipid hydroperoxide glutathione peroxidase cDNA from Chironomus riparius on exposure to cadmium. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 163, 37-42.	1.6	18
84	Effective data-balancing methods for class-imbalanced genotoxicity datasets using machine learning algorithms and molecular fingerprints. Computational Toxicology, 2021, 20, 100178.	3.3	18
85	Characterization of a ribosomal protein L15 cDNA from Chironomus riparius (Diptera; Chironomidae): Transcriptional regulation by cadmium and silver nanoparticles. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 159, 157-162.	1.6	17
86	Effect of Potassium Dichromate and Fenitrothion on Hemoglobins of Chironomus Riparius Mg. (Diptera, Chironomidae) Larvae: Potential Biomarker of Environmental Monitoring. Environmental Monitoring and Assessment, 2004, 92, 229-239.	2.7	16
87	Multi-level ecotoxicity assay on the aquatic midge, Chironomus tentans (Diptera, Chironomidae) exposed to octachlorostyrene. Environmental Toxicology and Pharmacology, 2009, 28, 269-274.	4.0	16
88	Integrative Assessment of Benzene Exposure to Caenorhabditis elegans Using Computational Behavior and Toxicogenomic Analyses. Environmental Science & Technology, 2014, 48, 8143-8151.	10.0	16
89	Characterization and transcriptional regulation of thioredoxin reductase 1 on exposure to oxidative stress inducing environmental pollutants in Chironomus riparius. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 161, 134-139.	1.6	15
90	MULTILEVEL EFFECTS OF SUBLETHAL FENITROTHION EXPOSURE IN CHIRONOMUS RIPARIUS MG. (DIPTERA,) Tj ETQq0 0 0 rgBT /Overloc	4.3	15

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91	Identification of toxicity pathway of diesel particulate matter using AOP of PPARÎ³ inactivation leading to pulmonary fibrosis. Environment International, 2021, 147, 106339.	10.0	14
92	Analyses of Expressed Sequence Tags from <i>Chironomus riparius</i> Using Pyrosequencing : Molecular Ecotoxicology Perspective. Environmental Health and Toxicology, 2011, 26, e2011010.	1.8	13
93	Critical window of exposure of CMIT/MIT with respect to developmental effects on zebrafish embryos: Multi-level endpoint and proteomics analysis. Environmental Pollution, 2021, 268, 115784.	7.5	13
94	Measurement of oxidative damage at individual gene levels by quantitative PCR using 8-hydroxyguanine glycosylase (OGG1). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 523-524, 225-235.	1.0	11
95	Effect of soil microbial feeding on gut microbiome and cadmium toxicity in Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2020, 187, 109777.	6.0	11
96	Caenorhabditis elegans as a Biological Model for Multilevel Biomarker Analysis in Environmental Toxicology and Risk Assessment. Toxicological Research, 2008, 24, 235-243.	2.1	11
97	Amorphous silica nanoparticle-induced perturbation of cholesterol homeostasis as a function of surface area highlights safe-by-design implementation: an integrated multi-OMICS analysis. RSC Advances, 2016, 6, 68606-68614.	3.6	10
98	Biomarkers In Environmental Monitoring And Its Application In Chironomus Spp. , 2004, , 203-215.		9
99	Early life exposure of a biocide, CMIT/MIT causes metabolic toxicity via the O-GlcNAc transferase pathway in the nematode C. elegans. Toxicology and Applied Pharmacology, 2019, 376, 1-8.	2.8	9
100	Effect of Early-Life Exposure of Polystyrene Microplastics on Behavior and DNA Methylation in Later Life Stage of Zebrafish. Archives of Environmental Contamination and Toxicology, 2022, 82, 558-568.	4.1	9
101	Determination of nanomolar levels of reactive oxygen species in microorganisms and aquatic environments using a single nanoparticle-based optical sensor. Analytica Chimica Acta, 2017, 967, 85-92.	5.4	8
102	Chemical-induced alteration of hemoglobin expression in the 4th instar larvae of Chironomus tentans Mg. (Diptera: Chironomidae). Environmental Toxicology and Pharmacology, 2008, 25, 393-398.	4.0	7
103	Molecular Characterization and Expression Analysis of P38 MAPK Gene and Protein in Aquatic Midge, Chironomus riparius (Diptera: Chironomidae), Exposed to Environmental Contaminants. Archives of Environmental Contamination and Toxicology, 2017, 72, 428-438.	4.1	7
104	Highâ€throughput COPAS assay for screening of developmental and reproductive toxicity of nanoparticles using the nematodeCaenorhabditis elegans. Journal of Applied Toxicology, 2019, 39, 1470-1479.	2.8	7
105	In vitro toxicity assay using human bronchial epithelial cell, Beas-2B, for the screening of toxicological risk of dioxin-like compounds sampled from small sized Korean waste incineration plants. Chemosphere, 2007, 70, 20-28.	8.2	6
106	Extra- and Intracellular Monitoring of TGF-Î² Using Single Immunoplasmonic Nanoprobes. ACS Sensors, 2021, 6, 1823-1830.	7.8	6
107	Immune and xenobiotic response crosstalk to chemical exposure by PA01 infection in the nematode Caenorhabditis elegans. Chemosphere, 2018, 210, 1082-1090.	8.2	5
108	Endoplasmic reticulum stress mediated apoptosis via JNK in MWCNT-exposed in vitro systems: size, surface functionalization and cell type specificity. Journal of Toxicological Sciences, 2020, 45, 305-317.	1.5	5

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109	Advancing the Adverse Outcome Pathway for PPARÎ³ Inactivation Leading to Pulmonary Fibrosis Using Bradford-Hill Consideration and the Comparative Toxicogenomics Database. Chemical Research in Toxicology, 2022, 35, 233-243.	3.3	5
110	A novel Kinesinâ€like protein, Surhe is associated with dorsalization in the zebrafish embryos. Animal Cells and Systems, 2008, 12, 219-230.	2.2	4
111	Complete mitochondrial genome of the water flea Daphnia magna (Cladocera, Daphniidae). Mitochondrial DNA Part B: Resources, 2019, 4, 1021-1022.	0.4	4
112	Sex and Gender Analysis of Toxicity and Epidemiology Data on Environmental Chemicals in the Three Major Toxicology Databases. Journal of Women's Health, 2020, 29, 1312-1318.	3.3	4
113	Derivation of acute copper biotic ligand model-based predicted no-effect concentrations and acute-chronic ratio. Science of the Total Environment, 2021, 780, 146425.	8.0	4
114	Multilevel effects of sublethal fenitrothion exposure in Chironomus riparius Mg. (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (	4.3	4
115	Activation of the nucleotide excision repair pathway by crude oil exposure: A translational study from model organisms to the Hebei Spirit Oil Spill Cohort. Environmental Pollution, 2019, 254, 112997.	7.5	3
116	Cross-sectional and longitudinal associations between global DNA (hydroxy) methylation and exposure biomarkers of the Hebei Spirit oil spill cohort in Taean, Korea. Environmental Pollution, 2020, 263, 114607.	7.5	3
117	Physical analysis reveals distinct responses of human bronchial epithelial cells to guanidine and isothiazolinone biocides. Toxicology and Applied Pharmacology, 2021, 424, 115589.	2.8	3
118	Effects of cadmium chloride and nonylphenol on the expression of StAR-related lipid transfer domain containing protein (START1) gene in aquatic midge, Chironomus riparius. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 369-374.	2.6	2
119	Comparison of the exposure assessment of di(2-ethylhexyl) phthalate between the PBPK model-based reverse dosimetry and scenario-based analysis: A Korean general population study. Chemosphere, 2022, 294, 133549.	8.2	1