

Jinhee Choi

List of Publications by Year in descending order

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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	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. <i>Chemosphere</i> , 2022, 294, 133549.	8.2	1
2	Advancing the Adverse Outcome Pathway for PPAR α Inactivation Leading to Pulmonary Fibrosis Using Bradford-Hill Consideration and the Comparative Toxicogenomics Database. <i>Chemical Research in Toxicology</i> , 2022, 35, 233-243.	3.3	5
3	Effect of Early-Life Exposure of Polystyrene Microplastics on Behavior and DNA Methylation in Later Life Stage of Zebrafish. <i>Archives of Environmental Contamination and Toxicology</i> , 2022, 82, 558-568.	4.1	9
4	Artificial Intelligence-Based Toxicity Prediction of Environmental Chemicals: Future Directions for Chemical Management Applications. <i>Environmental Science & Technology</i> , 2022, 56, 7532-7543.	10.0	34
5	Inhalation toxicity of polystyrene micro(nano)plastics using modified OECD TG 412. <i>Chemosphere</i> , 2021, 262, 128330.	8.2	91
6	Critical window of exposure of CMT/MIT with respect to developmental effects on zebrafish embryos: Multi-level endpoint and proteomics analysis. <i>Environmental Pollution</i> , 2021, 268, 115784.	7.5	13
7	Stress Response of Mouse Embryonic Fibroblasts Exposed to Polystyrene Nanoplastics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2094.	4.1	20
8	Identification of toxicity pathway of diesel particulate matter using AOP of PPAR α inactivation leading to pulmonary fibrosis. <i>Environment International</i> , 2021, 147, 106339.	10.0	14
9	Extra- and Intracellular Monitoring of TGF- β 2 Using Single Immunoplasmonic Nanoprobes. <i>ACS Sensors</i> , 2021, 6, 1823-1830.	7.8	6
10	Derivation of acute copper biotic ligand model-based predicted no-effect concentrations and acute-chronic ratio. <i>Science of the Total Environment</i> , 2021, 780, 146425.	8.0	4
11	Physical analysis reveals distinct responses of human bronchial epithelial cells to guanidine and isothiazolinone biocides. <i>Toxicology and Applied Pharmacology</i> , 2021, 424, 115589.	2.8	3
12	Effective data-balancing methods for class-imbalanced genotoxicity datasets using machine learning algorithms and molecular fingerprints. <i>Computational Toxicology</i> , 2021, 20, 100178.	3.3	18
13	Sex and Gender Analysis of Toxicity and Epidemiology Data on Environmental Chemicals in the Three Major Toxicology Databases. <i>Journal of Women's Health</i> , 2020, 29, 1312-1318.	3.3	4
14	Effect of soil microbial feeding on gut microbiome and cadmium toxicity in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109777.	6.0	11
15	Graphene oxide-induced neurotoxicity on neurotransmitters, AFD neurons and locomotive behavior in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2020, 77, 30-39.	3.0	23
16	Identification of adverse outcome pathway related to high-density polyethylene microplastics exposure: <i>Caenorhabditis elegans</i> transcription factor RNAi screening and zebrafish study. <i>Journal of Hazardous Materials</i> , 2020, 388, 121725.	12.4	34
17	Neurotoxic potential of polystyrene nanoplastics in primary cells originating from mouse brain. <i>NeuroToxicology</i> , 2020, 81, 189-196.	3.0	55
18	Endoplasmic reticulum stress mediated apoptosis via JNK in MWCNT-exposed <i>in vitro</i> systems: size, surface functionalization and cell type specificity. <i>Journal of Toxicological Sciences</i> , 2020, 45, 305-317.	1.5	5

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19	Cross-sectional and longitudinal associations between global DNA (hydroxy) methylation and exposure biomarkers of the Hebei Spirit oil spill cohort in Taean, Korea. <i>Environmental Pollution</i> , 2020, 263, 114607.	7.5	3
20	Development of AOP relevant to microplastics based on toxicity mechanisms of chemical additives using ToxCast [®] and deep learning models combined approach. <i>Environment International</i> , 2020, 137, 105557.	10.0	59
21	Activation of the nucleotide excision repair pathway by crude oil exposure: A translational study from model organisms to the Hebei Spirit Oil Spill Cohort. <i>Environmental Pollution</i> , 2019, 254, 112997.	7.5	3
22	Clathrin-mediated endocytosis is involved in uptake and toxicity of silica nanoparticles in <i>Caenorhabditis elegans</i> . <i>Chemico-Biological Interactions</i> , 2019, 311, 108774.	4.0	33
23	High-throughput COPAS assay for screening of developmental and reproductive toxicity of nanoparticles using the nematode <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2019, 39, 1470-1479.	2.8	7
24	Development of Adverse Outcome Pathway for PPAR γ Antagonism Leading to Pulmonary Fibrosis and Chemical Selection for Its Validation: ToxCast Database and a Deep Learning Artificial Neural Network Model-Based Approach. <i>Chemical Research in Toxicology</i> , 2019, 32, 1212-1222.	3.3	36
25	Early life exposure of a biocide, CMIT/MIT causes metabolic toxicity via the O-GlcNAc transferase pathway in the nematode <i>C. elegans</i> . <i>Toxicology and Applied Pharmacology</i> , 2019, 376, 1-8.	2.8	9
26	Adverse outcome pathways potentially related to hazard identification of microplastics based on toxicity mechanisms. <i>Chemosphere</i> , 2019, 231, 249-255.	8.2	165
27	Multi-generational impacts of organic contaminated stream water on <i>Daphnia magna</i> : A combined proteomics, epigenetics and ecotoxicity approach. <i>Environmental Pollution</i> , 2019, 249, 217-224.	7.5	20
28	Hazard potential of perovskite solar cell technology for potential implementation of "safe-by-design" approach. <i>Scientific Reports</i> , 2019, 9, 4242.	3.3	53
29	In Silico Molecular Docking and In Vivo Validation with <i>Caenorhabditis elegans</i> to Discover Molecular Initiating Events in Adverse Outcome Pathway Framework: Case Study on Endocrine-Disrupting Chemicals with Estrogen and Androgen Receptors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1209.	4.1	25
30	Complete mitochondrial genome of the water flea <i>Daphnia magna</i> (Cladocera, Daphniidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1021-1022.	0.4	4
31	Genetic, epigenetic, and developmental toxicity of <i>Chironomus riparius</i> raised in metal-contaminated field sediments: A multi-generational study with arsenic as a second challenge. <i>Science of the Total Environment</i> , 2019, 672, 789-797.	8.0	22
32	Histone methylation-associated transgenerational inheritance of reproductive defects in <i>Caenorhabditis elegans</i> exposed to crude oil under various exposure scenarios. <i>Chemosphere</i> , 2018, 200, 358-365.	8.2	22
33	Developing adverse outcome pathways on silver nanoparticle-induced reproductive toxicity via oxidative stress in the nematode <i>Caenorhabditis elegans</i> using a Bayesian network model. <i>Nanotoxicology</i> , 2018, 12, 1182-1197.	3.0	29
34	Epigenetic profiling to environmental stressors in model and non-model organisms: Ecotoxicology perspective. <i>Environmental Health and Toxicology</i> , 2018, 33, e2018015.	1.8	21
35	Use of adverse outcome pathways in chemical toxicity testing: potential advantages and limitations. <i>Environmental Health and Toxicology</i> , 2018, 33, e2018002.	1.8	22
36	Graphene oxide nano-bio interaction induces inhibition of spermatogenesis and disturbance of fatty acid metabolism in the nematode <i>Caenorhabditis elegans</i> . <i>Toxicology</i> , 2018, 410, 83-95.	4.2	33

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37	Global metabolomics approach in in vitro and in vivo models reveals hepatic glutathione depletion induced by amorphous silica nanoparticles. <i>Chemico-Biological Interactions</i> , 2018, 293, 100-106.	4.0	25
38	Integrated approach of eco-epigenetics and eco-metabolomics on the stress response of bisphenol-A exposure in the aquatic midge <i>Chironomus riparius</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 111-116.	6.0	20
39	Immune and xenobiotic response crosstalk to chemical exposure by PA01 infection in the nematode <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2018, 210, 1082-1090.	8.2	5
40	Molecular Characterization and Expression Analysis of P38 MAPK Gene and Protein in Aquatic Midge, <i>Chironomus riparius</i> (Diptera: Chironomidae), Exposed to Environmental Contaminants. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 428-438.	4.1	7
41	Differential crosstalk between global DNA methylation and metabolomics associated with cell type specific stress response by pristine and functionalized MWCNT. <i>Biomaterials</i> , 2017, 115, 167-180.	11.4	31
42	Validation of a two-generational reproduction test in <i>Daphnia magna</i> : An interlaboratory exercise. <i>Science of the Total Environment</i> , 2017, 579, 1073-1083.	8.0	29
43	A systems toxicology approach reveals the Wnt-MAPK crosstalk pathway mediated reproductive failure in <i>Caenorhabditis elegans</i> exposed to graphene oxide (GO) but not to reduced graphene oxide (rGO). <i>Nanotoxicology</i> , 2017, 11, 76-86.	3.0	54
44	Inhalation toxicity of indoor air pollutants in <i>Drosophila melanogaster</i> using integrated transcriptomics and computational behavior analyses. <i>Scientific Reports</i> , 2017, 7, 46473.	3.3	22
45	Determination of nanomolar levels of reactive oxygen species in microorganisms and aquatic environments using a single nanoparticle-based optical sensor. <i>Analytica Chimica Acta</i> , 2017, 967, 85-92.	5.4	8
46	JAK/STAT and TGF- β activation as potential adverse outcome pathway of TiO ₂ NPs phototoxicity in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2017, 7, 17833.	3.3	21
47	Amorphous silica nanoparticle-induced perturbation of cholesterol homeostasis as a function of surface area highlights safe-by-design implementation: an integrated multi-OMICS analysis. <i>RSC Advances</i> , 2016, 6, 68606-68614.	3.6	10
48	Effect of sulfidation and dissolved organic matters on toxicity of silver nanoparticles in sediment dwelling organism, <i>Chironomus riparius</i> . <i>Science of the Total Environment</i> , 2016, 553, 565-573.	8.0	35
49	Diameter size and aspect ratio as critical determinants of uptake, stress response, global metabolomics and epigenetic alterations in multi-wall carbon nanotubes. <i>Carbon</i> , 2016, 108, 529-540.	10.3	38
50	Differential genotoxic and epigenotoxic effects of graphene family nanomaterials (GFNs) in human bronchial epithelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 798-799, 1-10.	1.7	45
51	Ecotoxicity of bare and coated silver nanoparticles in the aquatic midge, <i>Chironomus riparius</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2023-2032.	4.3	27
52	A systems toxicology approach on the mechanism of uptake and toxicity of MWCNT in <i>Caenorhabditis elegans</i> . <i>Chemico-Biological Interactions</i> , 2015, 239, 153-163.	4.0	35
53	Effect of aspect ratio on the uptake and toxicity of hydroxylated-multi walled carbon nanotubes in the nematode, <i>Caenorhabditis elegans</i> . <i>Environmental Health and Toxicology</i> , 2015, 30, e2015001.	1.8	21
54	Screening of toxic potential of graphene family nanomaterials using in vitro and alternative in vivo toxicity testing systems. <i>Environmental Health and Toxicology</i> , 2015, 30, e2015007.	1.8	44

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55	Skin corrosion and irritation test of sunscreen nanoparticles using reconstructed 3D human skin model. <i>Environmental Health and Toxicology</i> , 2014, 29, e2014004.	1.8	29
56	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.	1.5	39
57	Toxic potentiality of bio-oils, from biomass pyrolysis, in cultured cells and <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology</i> , 2014, 29, 1409-1419.	4.0	25
58	Potential Toxicity of Differential Functionalized Multiwalled Carbon Nanotubes (MWCNT) in Human Cell Line (BEAS2B) and <i>Caenorhabditis elegans</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1399-1408.	2.3	68
59	Effects of silver nanoparticles on oxidative DNA damage repair as a function of p38 MAPK status: A comparative approach using human Jurkat T cells and the nematode <i>Caenorhabditis elegans</i> . <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 122-133.	2.2	56
60	Integrative Assessment of Benzene Exposure to <i>Caenorhabditis elegans</i> Using Computational Behavior and Toxicogenomic Analyses. <i>Environmental Science & Technology</i> , 2014, 48, 8143-8151.	10.0	16
61	Integrated mRNA and micro RNA profiling reveals epigenetic mechanism of differential sensitivity of Jurkat T cells to AgNPs and Ag ions. <i>Toxicology Letters</i> , 2014, 229, 311-318.	0.8	74
62	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.	8.2	101
63	A systems toxicology approach to the surface functionality control of graphene-cell interactions. <i>Biomaterials</i> , 2014, 35, 1109-1127.	11.4	239
64	Transcriptional regulation of glutathione biosynthesis genes, β -glutamyl-cysteine ligase and glutathione synthetase in response to cadmium and nonylphenol in <i>Chironomus riparius</i> . <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 265-273.	4.0	28
65	Hypoxia inducible factor-1 (HIF-1) flavin containing monooxygenase-2 (FMO-2) signaling acts in silver nanoparticles and silver ion toxicity in the nematode, <i>Caenorhabditis elegans</i> . <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 106-113.	2.8	36
66	Characterization and expression of cytochrome p450 cDNA (CYP9AT2) in <i>Chironomus riparius</i> fourth instar larvae exposed to multiple xenobiotics. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1133-1140.	4.0	29
67	Evaluation of the effect of silver nanoparticles and silver ions using stress responsive gene expression in <i>Chironomus riparius</i> . <i>Chemosphere</i> , 2013, 92, 592-599.	8.2	50
68	Development of biomarker for detecting silver nanoparticles exposure using a GAL4 enhancer trap screening in <i>Drosophila</i> . <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 548-556.	4.0	20
69	Endoplasmic reticulum stress signaling is involved in silver nanoparticles-induced apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 224-232.	2.8	135
70	Modulation in the mRNA expression of ecdysone receptor gene in aquatic midge, <i>Chironomus riparius</i> upon exposure to nonylphenol and silver nanoparticles. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 98-106.	4.0	49
71	Characterization and transcriptional regulation of thioredoxin reductase 1 on exposure to oxidative stress inducing environmental pollutants in <i>Chironomus riparius</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 161, 134-139.	1.6	15
72	Characterization and expression analysis of phospholipid hydroperoxide glutathione peroxidase cDNA from <i>Chironomus riparius</i> on exposure to cadmium. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 163, 37-42.	1.6	18

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73	Effects of cadmium chloride and nonylphenol on the expression of StAR-related lipid transfer domain containing protein (START1) gene in aquatic midge, <i>Chironomus riparius</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 369-374.	2.6	2
74	Characterization and expression of superoxide dismutase genes in <i>Chironomus riparius</i> (Diptera.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0 0 0</i> . <i>Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 187-194.	2.6	33
75	Oxidative stress-related PMK P38 MAPK activation as a mechanism for toxicity of silver nanoparticles to reproduction in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 585-592.	4.3	167
76	Involvement of <i>Caenorhabditis elegans</i> MAPK Signaling Pathways in Oxidative Stress Response Induced by Silver Nanoparticles Exposure. <i>Toxicological Research</i> , 2012, 28, 19-24.	2.1	45
77	Differential expression of ribosomal protein gene, gonadotrophin releasing hormone gene and Balbiani ring protein gene in silver nanoparticles exposed <i>Chironomus riparius</i> . <i>Aquatic Toxicology</i> , 2011, 101, 31-37.	4.0	79
78	Identification, characterization and expression profiles of <i>Chironomus riparius</i> glutathione S-transferase (GST) genes in response to cadmium and silver nanoparticles exposure. <i>Aquatic Toxicology</i> , 2011, 101, 550-560.	4.0	113
79	Characterization of a ribosomal protein L15 cDNA from <i>Chironomus riparius</i> (Diptera; Chironomidae): Transcriptional regulation by cadmium and silver nanoparticles. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 157-162.	1.6	17
80	Expression of catalase and glutathione S-transferase genes in <i>Chironomus riparius</i> on exposure to cadmium and nonylphenol. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 399-408.	2.6	42
81	Silver nanoparticles induce oxidative cell damage in human liver cells through inhibition of reduced glutathione and induction of mitochondria-involved apoptosis. <i>Toxicology Letters</i> , 2011, 201, 92-100.	0.8	582
82	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. <i>Toxicology Letters</i> , 2011, 207, 143-148.	0.8	67
83	Analyses of Expressed Sequence Tags from <i>Chironomus riparius</i> ; Using Pyrosequencing: Molecular Ecotoxicology Perspective. <i>Environmental Health and Toxicology</i> , 2011, 26, e2011010.	1.8	13
84	Cyp35a2 gene expression is involved in toxicity of fenitrothion in the soil nematode <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2011, 84, 1356-1361.	8.2	27
85	p38 MAPK Activation, DNA Damage, Cell Cycle Arrest and Apoptosis As Mechanisms of Toxicity of Silver Nanoparticles in Jurkat T Cells. <i>Environmental Science & Technology</i> , 2010, 44, 8337-8342.	10.0	312
86	Ecotoxicological investigation of CeO2 and TiO2 nanoparticles on the soil nematode <i>Caenorhabditis elegans</i> using gene expression, growth, fertility, and survival as endpoints. <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 167-172.	4.0	161
87	Genotoxic Effects of Nonylphenol and Bisphenol A Exposure in Aquatic Biomonitoring Species: Freshwater Crustacean, <i>Daphnia magna</i> , and Aquatic Midge, <i>Chironomus riparius</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 463-468.	2.7	64
88	Effects of Environmental Contaminants on Hemoglobin Gene Expression in <i>Daphnia magna</i> : A Potential Biomarker for Freshwater Quality Monitoring. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 330-337.	4.1	35
89	Effect of cadmium exposure on the globin protein expression in 4th instar larvae of <i>Chironomus riparius</i> Mg. (Diptera: Chironomidae): An ecotoxicoproteomics approach. <i>Proteomics</i> , 2009, 9, 31-39.	2.2	30
90	Genotoxicity and ecotoxicity assays using the freshwater crustacean <i>Daphnia magna</i> and the larva of the aquatic midge <i>Chironomus riparius</i> to screen the ecological risks of nanoparticle exposure. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 86-91.	4.0	135

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91	Multi-level ecotoxicity assay on the aquatic midge, <i>Chironomus tentans</i> (Diptera, Chironomidae) exposed to octachlorostyrene. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 269-274.	4.0	16
92	A cadmium toxicity assay using stress responsive <i>Caenorhabditis elegans</i> mutant strains. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 409-413.	4.0	19
93	Oxidative stress-dependent toxicity of silver nanoparticles in human hepatoma cells. <i>Toxicology in Vitro</i> , 2009, 23, 1076-1084.	2.4	762
94	Oxidative stress of silica nanoparticles in human bronchial epithelial cell, Beas-2B. <i>Toxicology in Vitro</i> , 2009, 23, 1326-1332.	2.4	182
95	Oxidative stress of CeO ₂ nanoparticles via p38-Nrf-2 signaling pathway in human bronchial epithelial cell, Beas-2B. <i>Toxicology Letters</i> , 2009, 187, 77-83.	0.8	225
96	Ecotoxicity of Silver Nanoparticles on the Soil Nematode <i>Caenorhabditis elegans</i> Using Functional Ecotoxicogenomics. <i>Environmental Science & Technology</i> , 2009, 43, 3933-3940.	10.0	396
97	Ecotoxicological evaluation of octachlorostyrene in fourth instar larvae of <i>Chironomus riparius</i> (Diptera, chironomidae). <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1118-1127.	4.3	19
98	Chemical-induced alteration of hemoglobin expression in the 4th instar larvae of <i>Chironomus tentans</i> Mg. (Diptera: Chironomidae). <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 393-398.	4.0	7
99	Ecotoxicological evaluation of chlorpyrifos exposure on the nematode <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 483-489.	6.0	51
100	Effects of environmental contaminants on hemoglobin of larvae of aquatic midge, <i>Chironomus riparius</i> (Diptera: Chironomidae): A potential biomarker for ecotoxicity monitoring. <i>Chemosphere</i> , 2008, 71, 1928-1936.	8.2	46
101	A novel Kinesin-like protein, Surhe is associated with dorsalization in the zebrafish embryos. <i>Animal Cells and Systems</i> , 2008, 12, 219-230.	2.2	4
102	<i>Caenorhabditis elegans</i> as a Biological Model for Multilevel Biomarker Analysis in Environmental Toxicology and Risk Assessment. <i>Toxicological Research</i> , 2008, 24, 235-243.	2.1	11
103	Effects of bisphenol A and ethynyl estradiol exposure on enzyme activities, growth and development in the fourth instar larvae of <i>Chironomus riparius</i> (Diptera, Chironomidae). <i>Ecotoxicology and Environmental Safety</i> , 2007, 68, 84-90.	6.0	51
104	Cytotoxicity, genotoxicity and ecotoxicity assay using human cell and environmental species for the screening of the risk from pollutant exposure. <i>Environment International</i> , 2007, 33, 817-822.	10.0	82
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. <i>Chemosphere</i> , 2007, 70, 20-28.	8.2	6
106	Toxic effects of di(2-ethylhexyl)phthalate on mortality, growth, reproduction and stress-related gene expression in the soil nematode <i>Caenorhabditis elegans</i> . <i>Toxicology</i> , 2007, 237, 126-133.	4.2	79
107	Expression of heat shock protein and hemoglobin genes in <i>Chironomus tentans</i> (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 freshwater monitoring. <i>Chemosphere</i> , 2006, 65, 1074-1081.	8.2	160
108	MULTILEVEL EVALUATION OF NONYLPHENOL TOXICITY IN FOURTH-INSTAR LARVAE OF <i>CHIRONOMUS RIPARIUS</i> (DIPTERA, CHIRONOMIDAE). <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 3006.	4.3	61

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109	ASSESSMENT OF STRESS-RELATED GENE EXPRESSION IN THE HEAVY METAL-EXPOSED NEMATODE CAENORHABDITIS ELEGANS: A POTENTIAL BIOMARKER FOR METAL-INDUCED TOXICITY MONITORING AND ENVIRONMENTAL RISK ASSESSMENT. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2946.	4.3	111
110	Biomarkers In Environmental Monitoring And Its Application In Chironomus Spp. , 2004, , 203-215.		9
111	Effect of Potassium Dichromate and Fenitrothion on Hemoglobins of Chironomus Riparius Mg. (Diptera, Chironomidae) Larvae: Potential Biomarker of Environmental Monitoring. <i>Environmental Monitoring and Assessment</i> , 2004, 92, 229-239.	2.7	16
112	Measurement of oxidative damage at individual gene levels by quantitative PCR using 8-hydroxyguanine glycosylase (OGG1). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 523-524, 225-235.	1.0	11
113	Multilevel effects of sublethal fenitrothion exposure in <i>Chironomus riparius</i> Mg. (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td	4.3	23
114	MULTILEVEL EFFECTS OF SUBLETHAL FENITROTHION EXPOSURE IN CHIRONOMUS RIPARIUS MG. (DIPTERA,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	4.3	15
115	Multilevel effects of sublethal fenitrothion exposure in Chironomus riparius Mg. (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td	4.3	4
116	Hypoxia, hyperoxia and exposure to potassium dichromate or fenitrothion alter the energy metabolism in Chironomus riparius Mg. (Diptera: Chironomidae) larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 130, 11-17.	2.6	42
117	Effects of physical (hypoxia, hyperoxia) and chemical (potassium dichromate, fenitrothion) stress on antioxidant enzyme activities in <i>Chironomus riparius</i> mg. (diptera, chironomidae) larvae: Potential biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 495-500.	4.3	61
118	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 50 382 Td	4.3	52
119	Characterization of superoxide dismutase activity in Chironomus riparius Mg. (Diptera, Chironomidae) larvae - a potential biomarker. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1999, 124, 73-81.	0.5	24