

Zhengwei Fu

List of Publications by Year in descending order

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255
papers

14,563
citations

18436

62
h-index

27345

106
g-index

256
all docs

256
docs citations

256
times ranked

13520
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of polystyrene microplastic on the gut barrier, microbiota and metabolism of mice. <i>Science of the Total Environment</i> , 2019, 649, 308-317.	3.9	568
2	Polystyrene microplastics induce gut microbiota dysbiosis and hepatic lipid metabolism disorder in mice. <i>Science of the Total Environment</i> , 2018, 631-632, 449-458.	3.9	566
3	Polystyrene microplastics induce microbiota dysbiosis and inflammation in the gut of adult zebrafish. <i>Environmental Pollution</i> , 2018, 235, 322-329.	3.7	529
4	Effects of environmental pollutants on gut microbiota. <i>Environmental Pollution</i> , 2017, 222, 1-9.	3.7	477
5	Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (<i>Danio</i>) Tj ETQq1 10,784314,rgBT /Ove 364	4.2	364
6	Comparison of the toxicity of silver nanoparticles and silver ions on the growth of terrestrial plant model <i>Arabidopsis thaliana</i> . <i>Journal of Environmental Sciences</i> , 2013, 25, 1947-1956.	3.2	325
7	Effects of polystyrene microplastics on the composition of the microbiome and metabolism in larval zebrafish. <i>Chemosphere</i> , 2019, 217, 646-658.	4.2	277
8	Interaction between microplastics and microorganism as well as gut microbiota: A consideration on environmental animal and human health. <i>Science of the Total Environment</i> , 2019, 667, 94-100.	3.9	258
9	Rhizosphere microorganisms can influence the timing of plant flowering. <i>Microbiome</i> , 2018, 6, 231.	4.9	240
10	Spermidine improves gut barrier integrity and gut microbiota function in diet-induced obese mice. <i>Gut Microbes</i> , 2020, 12, 1832857.	4.3	223
11	Combined effect of copper and cadmium on <i>Chlorella vulgaris</i> growth and photosynthesis-related gene transcription. <i>Aquatic Toxicology</i> , 2009, 94, 56-61.	1.9	196
12	Effects of copper sulfate, hydrogen peroxide and N-phenyl-2-naphthylamine on oxidative stress and the expression of genes involved photosynthesis and microcystin disposition in <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2010, 99, 405-412.	1.9	192
13	Maternal Polystyrene Microplastic Exposure during Gestation and Lactation Altered Metabolic Homeostasis in the Dams and Their F1 and F2 Offspring. <i>Environmental Science & Technology</i> , 2019, 53, 10978-10992.	4.6	191
14	Cypermethrin has the potential to induce hepatic oxidative stress, DNA damage and apoptosis in adult zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2011, 82, 398-404.	4.2	188
15	The toxicity of chlorpyrifos on the early life stage of zebrafish: A survey on the endpoints at development, locomotor behavior, oxidative stress and immunotoxicity. <i>Fish and Shellfish Immunology</i> , 2015, 43, 405-414.	1.6	185
16	Subchronic Exposure of Mice to Cadmium Perturbs Their Hepatic Energy Metabolism and Gut Microbiome. <i>Chemical Research in Toxicology</i> , 2015, 28, 2000-2009.	1.7	174
17	Effect of endocrine disrupting chemicals on the transcription of genes related to the innate immune system in the early developmental stage of zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2010, 28, 854-861.	1.6	169
18	<i>Lactobacillus</i> and <i>Bifidobacterium</i> Improves Physiological Function and Cognitive Ability in Aged Mice by the Regulation of Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900603.	1.5	156

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19	Allelochemical stress causes oxidative damage and inhibition of photosynthesis in <i>Chlorella vulgaris</i> . <i>Chemosphere</i> , 2009, 75, 368-375.	4.2	155
20	Maternal exposure to different sizes of polystyrene microplastics during gestation causes metabolic disorders in their offspring. <i>Environmental Pollution</i> , 2019, 255, 113122.	3.7	152
21	Embryonic exposure to cypermethrin induces apoptosis and immunotoxicity in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2011, 30, 1049-1054.	1.6	146
22	Effects of streptomycin on growth of algae <i>Chlorella vulgaris</i> and <i>Microcystis aeruginosa</i> . <i>Environmental Toxicology</i> , 2012, 27, 229-237.	2.1	144
23	Embryonic exposure to cadmium (II) and chromium (VI) induce behavioral alterations, oxidative stress and immunotoxicity in zebrafish (<i>Danio rerio</i>). <i>Neurotoxicology and Teratology</i> , 2015, 48, 9-17.	1.2	143
24	Effects of glufosinate on antioxidant enzymes, subcellular structure, and gene expression in the unicellular green alga <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2008, 88, 301-307.	1.9	141
25	Gut microbiota: An underestimated and unintended recipient for pesticide-induced toxicity. <i>Chemosphere</i> , 2019, 227, 425-434.	4.2	131
26	Oral Exposure of Mice to Carbendazim Induces Hepatic Lipid Metabolism Disorder and Gut Microbiota Dysbiosis. <i>Toxicological Sciences</i> , 2015, 147, 116-126.	1.4	127
27	Chronic exposure to low concentrations of lead induces metabolic disorder and dysbiosis of the gut microbiota in mice. <i>Science of the Total Environment</i> , 2018, 631-632, 439-448.	3.9	123
28	Developmental exposure of zebrafish larvae to organophosphate flame retardants causes neurotoxicity. <i>Neurotoxicology and Teratology</i> , 2016, 55, 16-22.	1.2	118
29	Exposure of male mice to two kinds of organophosphate flame retardants (OPFRs) induced oxidative stress and endocrine disruption. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 310-318.	2.0	117
30	Effects of short term lead exposure on gut microbiota and hepatic metabolism in adult zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 209, 1-8.	1.3	116
31	Allelopathic interactions of linoleic acid and nitric oxide increase the competitive ability of <i>Microcystis aeruginosa</i> . <i>ISME Journal</i> , 2017, 11, 1865-1876.	4.4	115
32	Atrazine and its main metabolites alter the locomotor activity of larval zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2016, 148, 163-170.	4.2	112
33	Polystyrene microplastic exposure disturbs hepatic glycolipid metabolism at the physiological, biochemical, and transcriptomic levels in adult zebrafish. <i>Science of the Total Environment</i> , 2020, 710, 136279.	3.9	111
34	Nutritional and hormonal factors control the gene expression of FoxOs, the mammalian homologues of DAF-16. <i>Journal of Molecular Endocrinology</i> , 2003, 30, 253-262.	1.1	102
35	Oral imazalil exposure induces gut microbiota dysbiosis and colonic inflammation in mice. <i>Chemosphere</i> , 2016, 160, 349-358.	4.2	100
36	Contrasting silver nanoparticle toxicity and detoxification strategies in <i>Microcystis aeruginosa</i> and <i>Chlorella vulgaris</i> : New insights from proteomic and physiological analyses. <i>Science of the Total Environment</i> , 2016, 572, 1213-1221.	3.9	99

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37	Chronic glucocorticoid treatment induced circadian clock disorder leads to lipid metabolism and gut microbiota alterations in rats. <i>Life Sciences</i> , 2018, 192, 173-182.	2.0	98
38	The effect of exogenous nitric oxide on alleviating herbicide damage in <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2009, 92, 250-257.	1.9	90
39	Developmental neurotoxicity of organophosphate flame retardants in early life stages of Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2931-2940.	2.2	89
40	Evaluation of the toxic response induced by azoxystrobin in the non-target green alga <i>Chlorella pyrenoidosa</i> . <i>Environmental Pollution</i> , 2018, 234, 379-388.	3.7	89
41	Molecular basis of the alteration in skin collagen metabolism in response to in vivo dexamethasone treatment: effects on the synthesis of collagen type I and III, collagenase, and tissue inhibitors of metalloproteinases. <i>British Journal of Dermatology</i> , 2002, 147, 859-868.	1.4	88
42	Organic Small Molecule Based Photothermal Agents with Molecular Rotors for Malignant Breast Cancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1907093.	7.8	84
43	Analyses of gene expression and physiological changes in <i>Microcystis aeruginosa</i> reveal the phytotoxicities of three environmental pollutants. <i>Ecotoxicology</i> , 2012, 21, 847-859.	1.1	82
44	Imazalil exposure induces gut microbiota dysbiosis and hepatic metabolism disorder in zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 202, 85-93.	1.3	82
45	Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 782-790.	2.0	81
46	Dietary Protein Quantity and Quality Affect Rat Hepatic Gene Expression. <i>Journal of Nutrition</i> , 2002, 132, 3632-3637.	1.3	80
47	Permethrin exposure during puberty has the potential to enantioselectively induce reproductive toxicity in mice. <i>Environment International</i> , 2012, 42, 144-151.	4.8	80
48	The interactive effects of diclofop-methyl and silver nanoparticles on <i>Arabidopsis thaliana</i> : Growth, photosynthesis and antioxidant system. <i>Environmental Pollution</i> , 2018, 232, 212-219.	3.7	78
49	Differential Roles of Breakfast and Supper in Rats of a Daily Three-Meal Schedule Upon Circadian Regulation and Physiology. <i>Chronobiology International</i> , 2011, 28, 890-903.	0.9	76
50	Embryonic exposure to cis-bifenthrin enantioselectively induces the transcription of genes related to oxidative stress, apoptosis and immunotoxicity in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2013, 34, 717-723.	1.6	75
51	Inhibitory effects of paraquat on photosynthesis and the response to oxidative stress in <i>Chlorella vulgaris</i> . <i>Ecotoxicology</i> , 2009, 18, 537-543.	1.1	74
52	Cypermethrin exposure during puberty induces oxidative stress and endocrine disruption in male mice. <i>Chemosphere</i> , 2011, 84, 124-130.	4.2	73
53	Immunotoxic effects of atrazine and its main metabolites at environmental relevant concentrations on larval zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2017, 166, 212-220.	4.2	72
54	Induction of hepatic estrogen-responsive gene transcription by permethrin enantiomers in male adult zebrafish. <i>Aquatic Toxicology</i> , 2008, 88, 146-152.	1.9	71

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55	Induction of Macrophage Apoptosis by an Organochlorine Insecticide Acetofenate. <i>Chemical Research in Toxicology</i> , 2009, 22, 504-510.	1.7	71
56	Insights Into a Possible Influence on Gut Microbiota and Intestinal Barrier Function During Chronic Exposure of Mice to Imazalil. <i>Toxicological Sciences</i> , 2018, 162, 113-123.	1.4	71
57	Exposure to the fungicide propamocarb causes gut microbiota dysbiosis and metabolic disorder in mice. <i>Environmental Pollution</i> , 2018, 237, 775-783.	3.7	71
58	From the Cover: Exposure to Oral Antibiotics Induces Gut Microbiota Dysbiosis Associated with Lipid Metabolism Dysfunction and Low-Grade Inflammation in Mice. <i>Toxicological Sciences</i> , 2016, 154, 140-152.	1.4	70
59	Biological and chemical factors driving the temporal distribution of cyanobacteria and heterotrophic bacteria in a eutrophic lake (West Lake, China). <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1685-1696.	1.7	70
60	Enantioselective phytotoxicity of the herbicide imazethapyr in rice. <i>Chemosphere</i> , 2009, 76, 885-892.	4.2	69
61	Reprogramming Tumor Microenvironment with Photothermal Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1268-1278.	1.8	66
62	Inhibitory effects of atrazine on <i>Chlorella vulgaris</i> as assessed by real-time polymerase chain reaction. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 182-187.	2.2	65
63	The fungicide imazalil induces developmental abnormalities and alters locomotor activity during early developmental stages in zebrafish. <i>Chemosphere</i> , 2016, 153, 455-461.	4.2	65
64	Oral exposure of mice to cadmium (II), chromium (VI) and their mixture induce oxidative- and endoplasmic reticulum-stress mediated apoptosis in the livers. <i>Environmental Toxicology</i> , 2016, 31, 693-705.	2.1	64
65	Effects of titanium dioxide nanoparticles exposure on parkinsonism in zebrafish larvae and PC12. <i>Chemosphere</i> , 2017, 173, 373-379.	4.2	64
66	Diclofop-methyl affects microbial rhizosphere community and induces systemic acquired resistance in rice. <i>Journal of Environmental Sciences</i> , 2017, 51, 352-360.	3.2	63
67	Adipose Tissue Macrophage Phenotypes and Characteristics: The Key to Insulin Resistance in Obesity and Metabolic Disorders. <i>Obesity</i> , 2020, 28, 225-234.	1.5	63
68	Polystyrene nanoparticles trigger the activation of p38 MAPK and apoptosis via inducing oxidative stress in zebrafish and macrophage cells. <i>Environmental Pollution</i> , 2021, 269, 116075.	3.7	61
69	Interaction of chiral herbicides with soil microorganisms, algae and vascular plants. <i>Science of the Total Environment</i> , 2017, 580, 1287-1299.	3.9	60
70	Investigation of Rhizospheric Microbial Communities in Wheat, Barley, and Two Rice Varieties at the Seedling Stage. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2645-2653.	2.4	60
71	Bioaccumulation in the gut and liver causes gut barrier dysfunction and hepatic metabolism disorder in mice after exposure to low doses of OBS. <i>Environment International</i> , 2019, 129, 279-290.	4.8	60
72	Distinct physiological and molecular responses in <i>Arabidopsis thaliana</i> exposed to aluminum oxide nanoparticles and ionic aluminum. <i>Environmental Pollution</i> , 2017, 228, 517-527.	3.7	59

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73	Analyzing Arabidopsis thaliana root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity. <i>Scientific Reports</i> , 2015, 5, 11975.	1.6	58
74	Crocini-I alleviates the depression-like behaviors probably via modulating the microbiota-gut-brain axis in mice exposed to chronic restraint stress. <i>Journal of Affective Disorders</i> , 2020, 276, 476-486.	2.0	58
75	Effects of light cues on re-entrainment of the food-dominated peripheral clocks in mammals. <i>Gene</i> , 2008, 419, 27-34.	1.0	57
76	Hepatic oxidative stress and inflammatory responses with cadmium exposure in male mice. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 229-236.	2.0	57
77	Multiwall carbon nanotubes modulate paraquat toxicity in Arabidopsis thaliana. <i>Environmental Pollution</i> , 2018, 233, 633-641.	3.7	57
78	Oral exposure to atrazine modulates hormone synthesis and the transcription of steroidogenic genes in male peripubertal mice. <i>General and Comparative Endocrinology</i> , 2013, 184, 120-127.	0.8	56
79	Cadmium exposure to murine macrophages decreases their inflammatory responses and increases their oxidative stress. <i>Chemosphere</i> , 2016, 144, 168-175.	4.2	56
80	Insights into a Possible Mechanism Underlying the Connection of Carbendazim-Induced Lipid Metabolism Disorder and Gut Microbiota Dysbiosis in Mice. <i>Toxicological Sciences</i> , 2018, 166, 382-393.	1.4	56
81	Chronic exposure to fungicide propamocarb induces bile acid metabolic disorder and increases trimethylamine in C57BL/6J mice. <i>Science of the Total Environment</i> , 2018, 642, 341-348.	3.9	55
82	Pesticides-induced energy metabolic disorders. <i>Science of the Total Environment</i> , 2020, 729, 139033.	3.9	55
83	Sub-chronic carbendazim exposure induces hepatic glycolipid metabolism disorder accompanied by gut microbiota dysbiosis in adult zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2020, 739, 140081.	3.9	54
84	Toxicity and enantiospecific differences of two β -blockers, propranolol and metoprolol, in the embryos and larvae of zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology</i> , 2014, 29, 1367-1378.	2.1	52
85	Enantioselective Phytotoxicity of the Herbicide Imazethapyr on the Response of the Antioxidant System and Starch Metabolism in Arabidopsis thaliana. <i>PLoS ONE</i> , 2011, 6, e19451.	1.1	52
86	Molecular Cloning and Circadian Regulation of Cryptochrome Genes in Japanese Quail (<i>Coturnix</i>). <i>Trends in Biochemical Sciences</i> , 2000, 25, 10-14.	1.4	51
87	TPP and TCEP induce oxidative stress and alter steroidogenesis in TM3 Leydig cells. <i>Reproductive Toxicology</i> , 2015, 57, 100-110.	1.3	51
88	Effects of the Herbicide Imazethapyr on Photosynthesis in PGR5- and NDH-Deficient Arabidopsis thaliana at the Biochemical, Transcriptomic, and Proteomic Levels. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4497-4504.	2.4	51
89	The environmental distribution and toxicity of short-chain chlorinated paraffins and underlying mechanisms: Implications for further toxicological investigation. <i>Science of the Total Environment</i> , 2019, 695, 133834.	3.9	51
90	Microfluidics-Prepared Uniform Conjugated Polymer Nanoparticles for Photo-Triggered Immune Microenvironment Modulation and Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11167-11176.	4.0	51

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91	Bisphenol A impairs cognitive function and 5-HT metabolism in adult male mice by modulating the microbiota-gut-brain axis. <i>Chemosphere</i> , 2021, 282, 130952.	4.2	51
92	Subchronic exposure of environmentally relevant concentrations of F-53B in mice resulted in gut barrier dysfunction and colonic inflammation in a sex-independent manner. <i>Environmental Pollution</i> , 2019, 253, 268-277.	3.7	50
93	Copper toxicity to <i>Phaeodactylum tricornutum</i> : a survey of the sensitivity of various toxicity endpoints at the physiological, biochemical, molecular and structural levels. <i>BioMetals</i> , 2014, 27, 527-537.	1.8	49
94	Enantioselective Phytotoxicity of the Herbicide Imazethapyr and its Effect on Rice Physiology and Gene Transcription. <i>Environmental Science & Technology</i> , 2011, 45, 7036-7043.	4.6	48
95	Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism. <i>Toxicology Letters</i> , 2014, 225, 392-400.	0.4	48
96	Proteomic analyses bring new insights into the effect of a dark stress on lipid biosynthesis in <i>Phaeodactylum tricornutum</i> . <i>Scientific Reports</i> , 2016, 6, 25494.	1.6	47
97	Short-term propamocarb exposure induces hepatic metabolism disorder associated with gut microbiota dysbiosis in adult male zebrafish. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 51, 88-96.	0.9	47
98	Developmental neurotoxicity and immunotoxicity induced by graphene oxide in zebrafish embryos. <i>Environmental Toxicology</i> , 2019, 34, 415-423.	2.1	46
99	FEEDING-INDUCED RAPID RESETTING OF THE HEPATIC CIRCADIAN CLOCK IS ASSOCIATED WITH ACUTE INDUCTION OF <i>PER2</i> AND <i>DEC1</i> TRANSCRIPTION IN RATS. <i>Chronobiology International</i> , 2010, 27, 1-18.	0.9	43
100	Evaluation of development, locomotor behavior, oxidative stress, immune responses and apoptosis in developing zebrafish (<i>Danio rerio</i>) exposed to TBECH (tetrabromoethylcyclohexane). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 217, 106-113.	1.3	42
101	Hepatic and extrahepatic expression of estrogen-responsive genes in male adult zebrafish (<i>Danio rerio</i>) Tj ETQq1 1 0.784314 rgBT /Overload Assessment, 2008, 146, 105-111.	1.3	41
102	Enantioselective induction of estrogen-responsive gene expression by permethrin enantiomers in embryo-larval zebrafish. <i>Chemosphere</i> , 2009, 74, 1238-1244.	4.2	41
103	β -Cypermethrin and its metabolite 3-phenoxybenzoic acid exhibit immunotoxicity in murine macrophages. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 1083-1091.	0.9	41
104	The Effects of Low Concentrations of Silver Nanoparticles on Wheat Growth, Seed Quality, and Soil Microbial Communities. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	41
105	Analysis of the Proteome of the Marine Diatom <i>Phaeodactylum tricornutum</i> Exposed to Aluminum Providing Insights into Aluminum Toxicity Mechanisms. <i>Environmental Science & Technology</i> , 2015, 49, 11182-11190.	4.6	40
106	Cis-bifenthrin causes immunotoxicity in murine macrophages. <i>Chemosphere</i> , 2017, 168, 1375-1382.	4.2	40
107	Antidepressant activity of crocin-I is associated with amelioration of neuroinflammation and attenuates oxidative damage induced by corticosterone in mice. <i>Physiology and Behavior</i> , 2019, 212, 112699.	1.0	40
108	Phosphorus availability changes chromium toxicity in the freshwater alga <i>Chlorella vulgaris</i> . <i>Chemosphere</i> , 2013, 93, 885-891.	4.2	39

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109	Major depressive disorder mediates accelerated aging in rats subjected to chronic mild stress. <i>Behavioural Brain Research</i> , 2017, 329, 96-103.	1.2	37
110	A comparison of the effects of copper nanoparticles and copper sulfate on <i>Phaeodactylum tricornutum</i> physiology and transcription. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 43-49.	2.0	37
111	The Gut Microbiota and Its Metabolites, Novel Targets for Treating and Preventing Non-Alcoholic Fatty Liver Disease. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000375.	1.5	37
112	Effects of age and jet lag on d-galactose induced aging process. <i>Biogerontology</i> , 2009, 10, 153-161.	2.0	36
113	Effect of nonylphenol on response of physiology and photosynthesis-related gene transcription of <i>Chlorella vulgaris</i> . <i>Environmental Monitoring and Assessment</i> , 2011, 182, 61-69.	1.3	36
114	Photoperiod and temperature influence cadmium's effects on photosynthesis-related gene transcription in <i>Chlorella vulgaris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1202-1206.	2.9	35
115	Screening of chemicals with anti-estrogenic activity using in vitro and in vivo vitellogenin induction responses in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2010, 78, 793-799.	4.2	35
116	Preventive and Therapeutic Spermidine Treatment Attenuates Acute Colitis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1864-1876.	2.4	35
117	Combined Effect of Copper and Cadmium on Heavy Metal Ion Bioaccumulation and Antioxidant Enzymes Induction in <i>Chlorella vulgaris</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 512-516.	1.3	34
118	Interacting effect of diclofop-methyl on the rice rhizosphere microbiome and denitrification. <i>Pesticide Biochemistry and Physiology</i> , 2018, 146, 90-96.	1.6	34
119	Depression-like behaviors are accompanied by disrupted mitochondrial energy metabolism in chronic corticosterone-induced mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 200, 105607.	1.2	34
120	Effects of atrazine on photosynthesis and defense response and the underlying mechanisms in <i>Phaeodactylum tricornutum</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 17499-17507.	2.7	33
121	Chronic exposure to low doses of Pb induces hepatotoxicity at the physiological, biochemical, and transcriptomic levels of mice. <i>Environmental Toxicology</i> , 2019, 34, 521-529.	2.1	33
122	Light and food signals cooperate to entrain the rat pineal circadian system. <i>Journal of Neuroscience Research</i> , 2008, 86, 3246-3255.	1.3	32
123	Photoperiod and temperature influence endocrine disruptive chemical-mediated effects in male adult zebrafish. <i>Aquatic Toxicology</i> , 2009, 92, 38-43.	1.9	32
124	Regulation of circadian gene expression in the kidney by light and food cues in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R635-R641.	0.9	32
125	Exposure of maternal mice to cis-bifenthrin enantioselectively disrupts the transcription of genes related to testosterone synthesis in male offspring. <i>Reproductive Toxicology</i> , 2013, 42, 156-163.	1.3	32
126	The circadian clock gene regulatory module enantioselectively mediates imazethapyr-induced early flowering in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2014, 171, 92-98.	1.6	32

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127	Polymeric Nanoparticles Induce NLRP3 Inflammasome Activation and Promote Breast Cancer Metastasis. <i>Macromolecular Bioscience</i> , 2017, 17, 1700273.	2.1	32
128	Induction of estrogen-responsive gene transcription in the embryo, larval, juvenile and adult life stages of zebrafish as biomarkers of short-term exposure to endocrine disrupting chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 414-420.	1.3	31
129	Imazethapyr Enantioselectively Affects Chlorophyll Synthesis and Photosynthesis in <i>Arabidopsis thaliana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1172-1178.	2.4	31
130	Chronic corticosterone-induced depression mediates premature aging in rats. <i>Journal of Affective Disorders</i> , 2018, 229, 254-261.	2.0	31
131	Sub-chronically exposing mice to a polycyclic aromatic hydrocarbon increases lipid accumulation in their livers. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 353-363.	2.0	30
132	C ₉ -13 chlorinated paraffins cause immunomodulatory effects in adult C57BL/6 mice. <i>Science of the Total Environment</i> , 2019, 675, 110-121.	3.9	30
133	Imidacloprid disrupts the endocrine system by interacting with androgen receptor in male mice. <i>Science of the Total Environment</i> , 2020, 708, 135163.	3.9	30
134	Effects of metolachlor on transcription of thyroid system-related genes in juvenile and adult Japanese medaka (<i>Oryzias latipes</i>). <i>General and Comparative Endocrinology</i> , 2011, 170, 487-493.	0.8	29
135	Nicotinamide mononucleotide ameliorates the depression-like behaviors and is associated with attenuating the disruption of mitochondrial bioenergetics in depressed mice. <i>Journal of Affective Disorders</i> , 2020, 263, 166-174.	2.0	29
136	Vitamin A Deficiency Reduces Insulin-Like Growth Factor (IGF)-I Gene Expression and Increases IGF-I Receptor and Insulin Receptor Gene Expression in Tissues of Japanese Quail (<i>Coturnix coturnix</i>) Treated with 0.0, 0.1, 0.5, 1.0, 5.0, 10.0, 50.0, 100.0 µg/kg BW of Vitamin A. <i>Journal of Herpetology</i> , 2018, 52, 108-115.	0.0	28
137	Transcriptional responses in Japanese medaka (<i>Oryzias latipes</i>) exposed to binary mixtures of an estrogen and anti-estrogens. <i>Aquatic Toxicology</i> , 2011, 105, 629-639.	1.9	28
138	Acute exposure to 3-methylcholanthrene induces hepatic oxidative stress via activation of the Nrf2/ARE signaling pathway in mice. <i>Environmental Toxicology</i> , 2014, 29, 1399-1408.	2.1	28
139	Oral exposure of pubertal male mice to endocrine-disrupting chemicals alters fat metabolism in adult livers. <i>Environmental Toxicology</i> , 2015, 30, 1434-1444.	2.1	28
140	Late-Night Eating-Induced Physiological Dysregulation and Circadian Misalignment Are Accompanied by Microbial Dysbiosis. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900867.	1.5	28
141	Pilose antler polypeptides ameliorate inflammation and oxidative stress and improves gut microbiota in hypoxic-ischemic injured rats. <i>Nutrition Research</i> , 2019, 64, 93-108.	1.3	28
142	Crocic acid ameliorates the disruption of lipid metabolism and dysbiosis of the gut microbiota induced by chronic corticosterone in mice. <i>Food and Function</i> , 2019, 10, 6779-6791.	2.1	28
143	Exposure to bifenthrin causes immunotoxicity and oxidative stress in male mice. <i>Environmental Toxicology</i> , 2014, 29, 991-999.	2.1	27
144	The regulation of autophagy in the pesticide-induced toxicity: Angel or demon?. <i>Chemosphere</i> , 2020, 242, 125138.	4.2	27

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146	Environmental cues influence EDC-mediated endocrine disruption effects in different developmental stages of Japanese medaka (<i>Oryzias latipes</i>). <i>Aquatic Toxicology</i> , 2011, 101, 254-260.	1.9	26
147	Ontogenetic expression and 17 β -estradiol regulation of immune-related genes in early life stages of Japanese medaka (<i>Oryzias latipes</i>). <i>Fish and Shellfish Immunology</i> , 2011, 30, 1131-1137.	1.6	26
148	Chronic exposure of mice to low doses of imazalil induces hepatotoxicity at the physiological, biochemical, and transcriptomic levels. <i>Environmental Toxicology</i> , 2018, 33, 650-658.	2.1	26
149	Exposure to dibutyl phthalate impairs lipid metabolism and causes inflammation via disturbing microbiota-related gut–liver axis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1382-1393.	0.9	26
150	Maternal exposure to imazalil disrupts intestinal barrier and bile acids enterohepatic circulation tightly related IL-22 expression in F0, F1 and F2 generations of mice. <i>Journal of Hazardous Materials</i> , 2021, 403, 123668.	6.5	26
151	Spermidine ameliorates high-fat diet-induced hepatic steatosis and adipose tissue inflammation in preexisting obese mice. <i>Life Sciences</i> , 2021, 265, 118739.	2.0	26
152	Effects of TBEP on the induction of oxidative stress and endocrine disruption in Tm3 Leydig cells. <i>Environmental Toxicology</i> , 2016, 31, 1276-1286.	2.1	25
153	Inhibitory effects of polystyrene microplastics on caudal fin regeneration in zebrafish larvae. <i>Environmental Pollution</i> , 2020, 266, 114664.	3.7	25
154	Regulation of the expression of serotonin N-acetyltransferase gene in Japanese quail (<i>Coturnix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	3.4	24
155	Analysis of Enantioselective Biochemical, Physiological, and Transcriptional Effects of the Chiral Herbicide Diclofop Methyl on Rice Seedlings. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5515-5523.	2.4	23
156	Toxic Effects of Bisphenol A on Early Life Stages of Japanese Medaka (<i>Oryzias latipes</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 222-227.	1.3	23
157	L-Carnitine intake prevents irregular feeding-induced obesity and lipid metabolism disorder. <i>Gene</i> , 2015, 554, 148-154.	1.0	22
158	β-Cypermethrin and its metabolite 3-phenoxybenzoic acid induce cytotoxicity and block granulocytic cell differentiation in HL-60 cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 740-747.	0.9	22
159	Toxic effects and mechanisms of three commonly used fungicides on the human colon adenocarcinoma cell line Caco-2. <i>Environmental Pollution</i> , 2020, 263, 114660.	3.7	22
160	Gene expression of the three members of hepatocyte nuclear factor-3 is differentially regulated by nutritional and hormonal factors. <i>Journal of Endocrinology</i> , 2000, 167, R1-R5.	1.2	21
161	Safety Evaluation of Hypoallergenic Wheat Flour by Using a DNA Microarray. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1464-1470.	0.6	21
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164	Autophagy protects murine macrophages from \hat{I}^2 -cypermethrin-induced mitochondrial dysfunction and cytotoxicity via the reduction of oxidation stress. <i>Environmental Pollution</i> , 2019, 250, 416-425.	3.7	21
165	Maternal exposure to imazalil disrupts the endocrine system in F1 generation mice. <i>Molecular and Cellular Endocrinology</i> , 2019, 486, 105-112.	1.6	21
166	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> lkm512 Attenuates Obesity-Associated Inflammation and Insulin Resistance Through the Modification of Gut Microbiota in High-Fat Diet-Induced Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100639.	1.5	21
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168	Timing of glucocorticoid administration determines severity of lipid metabolism and behavioral effects in rats. <i>Chronobiology International</i> , 2017, 34, 78-92.	0.9	20
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170	A novel fluorogenic probe for monoamine oxidase assays. <i>Chinese Chemical Letters</i> , 2008, 19, 947-950.	4.8	19
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172	Protective effects of astaxanthin on a combination of D-galactose and jet lag-induced aging model in mice. <i>Endocrine Journal</i> , 2018, 65, 569-578.	0.7	19
173	Pharmacological activation of REV-ERB β improves nonalcoholic steatohepatitis by regulating intestinal permeability. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154409.	1.5	19
174	Exposure to hexafluoropropylene oxide dimer acid (HFPO-DA) disturbs the gut barrier function and gut microbiota in mice. <i>Environmental Pollution</i> , 2021, 290, 117934.	3.7	19
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176	Effects of altered photoperiod on circadian clock and lipid metabolism in rats. <i>Chronobiology International</i> , 2017, 34, 1094-1104.	0.9	18
177	Effect of chronic corticosterone-induced depression on circadian rhythms and age-related phenotypes in mice. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1236-1246.	0.9	18
178	Depression caused by long-term stress regulates premature aging and is possibly associated with disruption of circadian rhythms in mice. <i>Physiology and Behavior</i> , 2019, 199, 100-110.	1.0	18
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182	Enantioselective disruption of the endocrine system by <i>cis</i> -Bifenthrin in the male mice. <i>Environmental Toxicology</i> , 2015, 30, 746-754.	2.1	17
183	Effect of salicylic acid on fatty acid accumulation in <i>Phaeodactylum tricornutum</i> during stationary growth phase. <i>Journal of Applied Phycology</i> , 2017, 29, 2801-2810.	1.5	17
184	Mitochondria and Endoplasmic Reticulum Targeting Strategy for Enhanced Phototherapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 3015-3026.	2.3	17
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186	Proteomic Analysis of Hepatic Tissue in Adult Female Zebrafish (<i>Danio rerio</i>) Exposed to Atrazine. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 62, 127-134.	2.1	16
187	The secretion of organic acids is also regulated by factors other than aluminum. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1123-1131.	1.3	16
188	Early Life Exposure to Ractopamine Causes Endocrine-Disrupting Effects in Japanese Medaka (<i>Oryzias latipes</i>). <i>Environmental Health Perspectives</i> , 2019, 127, 111-119.	1.3	16
189	Chromium alters lipopolysaccharide-induced inflammatory responses both <i>in vivo</i> and <i>in vitro</i> . <i>Chemosphere</i> , 2016, 148, 436-443.	4.2	16
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191	Effects of 17 β -ethinylestradiol on caudal fin regeneration in zebrafish larvae. <i>Science of the Total Environment</i> , 2019, 653, 10-22.	3.9	16
192	Cardiovascular toxicity assessment of poly (ethylene imine)- based cationic polymers on zebrafish model. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 768-780.	1.9	15
193	Pilose antler polypeptides ameliorates hypoxic-ischemic encephalopathy by activated neurotrophic factors and SDF1/CXCR4 axis in rats. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 254-262.	0.9	15
194	The influence of titanium dioxide nanoparticles on their cellular response to macrophage cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 223, 42-52.	1.3	15
195	Differential responses of peripheral circadian clocks to a short-term feeding stimulus. <i>Molecular Biology Reports</i> , 2012, 39, 9783-9789.	1.0	14
196	<i>cis</i> -Bifenthrin enantioselectively induces hepatic oxidative stress in mice. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 61-67.	1.6	14
197	Transcriptional Responses in Adult Zebrafish (<i>Danio rerio</i>) Exposed to Propranolol and Metoprolol. <i>Ecotoxicology</i> , 2015, 24, 1352-1361.	1.1	14
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200	<i>Cis</i> -bifenthrin induces immunotoxicity in adolescent male C57BL/6 mice. <i>Environmental Toxicology</i> , 2017, 32, 1849-1856.	2.1	13
201	8:2 Fluorotelomer alcohol causes immunotoxicity and liver injury in adult male C57BL/6 mice. <i>Environmental Toxicology</i> , 2018, 34, 141-149.	2.1	13
202	Oral exposure to a hexafluoropropylene oxide trimer acid (HFPO-TA) disrupts mitochondrial function and biogenesis in mice. <i>Journal of Hazardous Materials</i> , 2022, 430, 128376.	6.5	13
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212	Exposure to low concentration of trifluoromethanesulfonic acid induces the disorders of liver lipid metabolism and gut microbiota in mice. <i>Chemosphere</i> , 2020, 258, 127255.	4.2	11
213	Hydrolyzed Chicken Meat Extract Attenuates Neuroinflammation and Cognitive Impairment in Middle-Aged Mouse by Regulating M1/M2 Microglial Polarization. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9800-9812.	2.4	11
214	Regulation of Hydroxyindole-O-methyltransferase Gene Expression in Japanese Quail (<i>Coturnix</i>) Tj ETQq0 0 0 rgBT /Over 10 Tf 50 14 0.6	0.6	10
215	Histopathological and proteomic analysis of hepatic tissue from adult male zebrafish exposed to 17 β -estradiol. <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 91-95.	2.0	10
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218	Propamocarb exposure decreases the secretion of neurotransmitters and causes behavioral impairments in mice. <i>Environmental Toxicology</i> , 2019, 34, 22-29.	2.1	10
219	Developmental toxicity of procymidone to larval zebrafish based on physiological and transcriptomic analysis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 248, 109081.	1.3	10
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223	Evaluation of the immunomodulatory effects of C ₉₋₁₃ -CPs in macrophages. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1154-1165.	0.9	9
224	Spermidine Ameliorates Nonalcoholic Steatohepatitis through Thyroid Hormone-Responsive Protein Signaling and the Gut Microbiota-Mediated Metabolism of Bile Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6478-6492.	2.4	9
225	Response of the Insulin-Like Growth Factor System to Vitamin A Depletion and Repletion in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2002, 48, 453-460.	0.2	8
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228	Preventive Effect of L-Carnitine on the Disorder of Lipid Metabolism and Circadian Clock of Mice Subjected to Chronic Jet-Lag. <i>Physiological Research</i> , 2017, 66, 801-810.	0.4	8
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230	Differential expression of the main polycyclic aromatic hydrocarbon responsive genes in the extrahepatic tissues of mice. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 885-894.	2.0	7
231	The involvement of sympathetic nervous system in essence of chicken-facilitated physiological adaption and circadian resetting. <i>Life Sciences</i> , 2018, 201, 54-62.	2.0	7
232	Exposure to jet lag aggravates depression-like behaviors and age-related phenotypes in rats subject to chronic corticosterone. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 834-844.	0.9	7
233	Propamocarb exposure has the potential to accelerate the formation of atherosclerosis in both WT and ApoE ^{-/-} mice accompanied by gut microbiota dysbiosis. <i>Science of the Total Environment</i> , 2021, 800, 149602.	3.9	7
234	Diurnal Fluctuation in the Enzyme Activity and the Messenger RNA Level of Pineal SerotoninN-Acetyltransferase in Normal and Hereditary Microphthalmic Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 2113-2115.	0.6	6

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237	The effect of l-carnosine on the circadian resetting of clock genes in the heart of rats. <i>Molecular Biology Reports</i> , 2015, 42, 87-94.	1.0	6
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240	Facilitated physiological adaptation to prolonged circadian disruption through dietary supplementation with essence of chicken. <i>Chronobiology International</i> , 2015, 32, 1458-1468.	0.9	5
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242	Two novel herbicide candidates affect <i>Arabidopsis thaliana</i> growth by inhibiting nitrogen and phosphate absorption. <i>Pesticide Biochemistry and Physiology</i> , 2015, 123, 1-8.	1.6	4
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244	Chlorothalonil induces the intestinal epithelial barrier dysfunction in Caco-2 cell-based <i>in vitro</i> monolayer model by activating MAPK pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1459-1468.	0.9	4
245	Effects of light on the circadian rhythm of diabetic rats under restricted feeding. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 61-71.	1.3	3
246	Î²-Cypermethrin Alleviated the Inhibitory Effect of Medium from RAW 264.7 Cells on 3T3-L1 Cell Maturation into Adipocytes. <i>Lipids</i> , 2020, 55, 251-260.	0.7	3
247	Atrazine Affects the Circadian Rhythm of <i>Microcystis Aeruginosa</i> . <i>Chronobiology International</i> , 2014, 31, 17-26.	0.9	2
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249	Astaxanthin Has a Potential Role in Antioxidation and Oxidative Damage Repair in UVC Irradiated Mice. <i>Biology Bulletin</i> , 2018, 45, 580-588.	0.1	2
250	3-Methylcholanthrene alters the hepatic immune response in mice. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 570-572.	0.9	2
251	Circadian Rhythm of Pineal Melatonin in Silky Chicks.. <i>Nihon Kakin Gakkaishi = Japanese Poultry Science</i> , 1998, 35, 55-59.	0.3	2
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255	ESTABLISHMENT OF REAL-TIME PCR FOR ANALYZING mRNA ABUNDANCE IN <i>CHLORELLA VULGARIS</i> EXPOSED TO XENOBIOTICS. <i>Acta Hydrobiologica Sinica</i> , 2010, 36, 139-143.	0.1	1