

# Yinhua Ni

## List of Publications by Year in descending order

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242  
papers

16,091  
citations

16437

64  
h-index

20943

115  
g-index

246  
all docs

246  
docs citations

246  
times ranked

18599  
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	A Liver-Derived Secretory Protein, Selenoprotein P, Causes Insulin Resistance. <i>Cell Metabolism</i> , 2010, 12, 483-495.	7.2	469
6	Lipid-induced oxidative stress causes steatohepatitis in mice fed an atherogenic diet. <i>Hepatology</i> , 2007, 46, 1392-1403.	3.6	437
7	Nonalcoholic Fatty Liver Disease and Insulin Resistance: New Insights and Potential New Treatments. <i>Nutrients</i> , 2017, 9, 387.	1.7	362
8	Palmitate Induces Insulin Resistance in H4IIEC3 Hepatocytes through Reactive Oxygen Species Produced by Mitochondria. <i>Journal of Biological Chemistry</i> , 2009, 284, 14809-14818.	1.6	351
9	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
10	Inhibition of apolipoprotein B100 secretion by lipid-induced hepatic endoplasmic reticulum stress in rodents. <i>Journal of Clinical Investigation</i> , 2008, 118, 316-332.	3.9	320
11	SGLT2 Inhibition by Empagliflozin Promotes Fat Utilization and Browning and Attenuates Inflammation and Insulin Resistance by Polarizing M2 Macrophages in Diet-induced Obese Mice. <i>EBioMedicine</i> , 2017, 20, 137-149.	2.7	311
12	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
13	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
14	Rhizosphere microorganisms can influence the timing of plant flowering. <i>Microbiome</i> , 2018, 6, 231.	4.9	240
15	CCR5 Plays a Critical Role in Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance by Regulating Both Macrophage Recruitment and M1/M2 Status. <i>Diabetes</i> , 2012, 61, 1680-1690.	0.3	235
16	Spermidine improves gut barrier integrity and gut microbiota function in diet-induced obese mice. <i>Gut Microbes</i> , 2020, 12, 1832857.	4.3	223
17	Insulin Resistance Accelerates a Dietary Rat Model of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2007, 132, 282-293.	0.6	222
18	Maternal Polystyrene Microplastic Exposure during Gestation and Lactation Altered Metabolic Homeostasis in the Dams and Their F1 and F2 Offspring. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10978-10992.	4.6	191

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19	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
20	Astaxanthin prevents and reverses diet-induced insulin resistance and steatohepatitis in mice: A comparison with vitamin E. <i>Scientific Reports</i> , 2015, 5, 17192.	1.6	183
21	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
22	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
23	<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
24	Regulation of Gut Microbiota and Metabolic Endotoxemia with Dietary Factors. <i>Nutrients</i> , 2019, 11, 2277.	1.7	155
25	Roles of Chemokines and Chemokine Receptors in Obesity-Associated Insulin Resistance and Nonalcoholic Fatty Liver Disease. <i>Biomolecules</i> , 2015, 5, 1563-1579.	1.8	152
26	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
27	DPP-4 Inhibition by Linagliptin Attenuates Obesity-Related Inflammation and Insulin Resistance by Regulating M1/M2 Macrophage Polarization. <i>Diabetes</i> , 2016, 65, 2966-2979.	0.3	149
28	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
29	Gut microbiota: An underestimated and unintended recipient for pesticide-induced toxicity. <i>Chemosphere</i> , 2019, 227, 425-434.	4.2	131
30	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
31	Glucoraphanin Ameliorates Obesity and Insulin Resistance Through Adipose Tissue Browning and Reduction of Metabolic Endotoxemia in Mice. <i>Diabetes</i> , 2017, 66, 1222-1236.	0.3	127
32	Metformin Prevents and Reverses Inflammation in a Non-Diabetic Mouse Model of Nonalcoholic Steatohepatitis. <i>PLoS ONE</i> , 2012, 7, e43056.	1.1	124
33	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
34	Developmental exposure of zebrafish larvae to organophosphate flame retardants causes neurotoxicity. <i>Neurotoxicology and Teratology</i> , 2016, 55, 16-22.	1.2	118
35	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
36	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

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37	Allelopathic interactions of linoleic acid and nitric oxide increase the competitive ability of <i>Microcystis aeruginosa</i> . ISME Journal, 2017, 11, 1865-1876.	4.4	115
38	Atrazine and its main metabolites alter the locomotor activity of larval zebrafish ( <i>Danio rerio</i> ). Chemosphere, 2016, 148, 163-170.	4.2	112
39	Polystyrene microplastic exposure disturbs hepatic glycolipid metabolism at the physiological, biochemical, and transcriptomic levels in adult zebrafish. Science of the Total Environment, 2020, 710, 136279.	3.9	111
40	Hypoxia-inducible factor-1 $\alpha$ is the therapeutic target of the SGLT2 inhibitor for diabetic nephropathy. Scientific Reports, 2019, 9, 14754.	1.6	106
41	Oral imazalil exposure induces gut microbiota dysbiosis and colonic inflammation in mice. Chemosphere, 2016, 160, 349-358.	4.2	100
42	Contrasting silver nanoparticle toxicity and detoxification strategies in <i>Microcystis aeruginosa</i> and <i>Chlorella vulgaris</i> : New insights from proteomic and physiological analyses. Science of the Total Environment, 2016, 572, 1213-1221.	3.9	99
43	Chronic glucocorticoid treatment induced circadian clock disorder leads to lipid metabolism and gut microbiota alterations in rats. Life Sciences, 2018, 192, 173-182.	2.0	98
44	Prevention and Reversal of Lipotoxicity-Induced Hepatic Insulin Resistance and Steatohepatitis in Mice by an Antioxidant Carotenoid, $\beta$ -Cryptoxanthin. Endocrinology, 2015, 156, 987-999.	1.4	90
45	Developmental neurotoxicity of organophosphate flame retardants in early life stages of Japanese medaka ( <i>Oryzias latipes</i> ). Environmental Toxicology and Chemistry, 2016, 35, 2931-2940.	2.2	89
46	Evaluation of the toxic response induced by azoxystrobin in the non-target green alga <i>Chlorella pyrenoidosa</i> . Environmental Pollution, 2018, 234, 379-388.	3.7	89
47	Organic Small Molecule Based Photothermal Agents with Molecular Rotors for Malignant Breast Cancer Therapy. Advanced Functional Materials, 2020, 30, 1907093.	7.8	84
48	Endoplasmic Reticulum Stress Inhibits STAT3-Dependent Suppression of Hepatic Gluconeogenesis via Dephosphorylation and Deacetylation. Diabetes, 2012, 61, 61-73.	0.3	83
49	Imazalil exposure induces gut microbiota dysbiosis and hepatic metabolism disorder in zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 202, 85-93.	1.3	82
50	Obesity Upregulates Genes Involved in Oxidative Phosphorylation in Livers of Diabetic Patients. Obesity, 2008, 16, 2601-2609.	1.5	81
51	Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption. Environmental Toxicology and Pharmacology, 2014, 37, 782-790.	2.0	81
52	Dietary Protein Quantity and Quality Affect Rat Hepatic Gene Expression. Journal of Nutrition, 2002, 132, 3632-3637.	1.3	80
53	Permethrin exposure during puberty has the potential to enantioselectively induce reproductive toxicity in mice. Environment International, 2012, 42, 144-151.	4.8	80
54	Novel Action of Carotenoids on Non-Alcoholic Fatty Liver Disease: Macrophage Polarization and Liver Homeostasis. Nutrients, 2016, 8, 391.	1.7	79

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55	Circulating extracellular vesicle-encapsulated HULC is a potential biomarker for human pancreatic cancer. <i>Cancer Science</i> , 2020, 111, 98-111.	1.7	79
56	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
57	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
58	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
59	Emerging roles of SGLT2 inhibitors in obesity and insulin resistance: Focus on fat browning and macrophage polarization. <i>Adipocyte</i> , 2018, 7, 1-8.	1.3	73
60	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
61	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
62	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
63	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
64	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
65	Central Insulin Action Activates Kupffer Cells by Suppressing Hepatic Vagal Activation via the Nicotinic Alpha 7 Acetylcholine Receptor. <i>Cell Reports</i> , 2016, 14, 2362-2374.	2.9	67
66	Reprogramming Tumor Microenvironment with Photothermal Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1268-1278.	1.8	66
67	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
68	Empagliflozin reverses obesity and insulin resistance through fat browning and alternative macrophage activation in mice fed a high-fat diet. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000783.	1.2	65
69	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
70	Effects of titanium dioxide nanoparticles exposure on parkinsonism in zebrafish larvae and PC12. <i>Chemosphere</i> , 2017, 173, 373-379.	4.2	64
71	$\hat{\beta}$ -Cryptoxanthin Alleviates Diet-Induced Nonalcoholic Steatohepatitis by Suppressing Inflammatory Gene Expression in Mice. <i>PLoS ONE</i> , 2014, 9, e98294.	1.1	63
72	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

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73	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
74	Role of vitamin E in nonalcoholic fatty liver disease. <i>IUBMB Life</i> , 2019, 71, 516-522.	1.5	62
75	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
76	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
77	Glucoraphanin: a broccoli sprout extract that ameliorates obesity-induced inflammation and insulin resistance. <i>Adipocyte</i> , 2018, 7, 218-225.	1.3	60
78	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
79	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
80	Analyzing <i>Arabidopsis thaliana</i> root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity. <i>Scientific Reports</i> , 2015, 5, 11975.	1.6	58
81	Crocin-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
82	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
83	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
84	Multiwall carbon nanotubes modulate paraquat toxicity in <i>Arabidopsis thaliana</i> . <i>Environmental Pollution</i> , 2018, 233, 633-641.	3.7	57
85	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
86	Cadmium exposure to murine macrophages decreases their inflammatory responses and increases their oxidative stress. <i>Chemosphere</i> , 2016, 144, 168-175.	4.2	56
87	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
88	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
89	Pesticides-induced energy metabolic disorders. <i>Science of the Total Environment</i> , 2020, 729, 139033.	3.9	55
90	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

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91	TPP and TCEP induce oxidative stress and alter steroidogenesis in TM3 Leydig cells. <i>Reproductive Toxicology</i> , 2015, 57, 100-110.	1.3	51
92	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
93	Microfluidics-Prepared Uniform Conjugated Polymer Nanoparticles for Photo-Triggered Immune Microenvironment Modulation and Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11167-11176.	4.0	51
94	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
95	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
96	Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism. <i>Toxicology Letters</i> , 2014, 225, 392-400.	0.4	48
97	Micronutrient Antioxidants and Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1379.	1.8	48
98	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
99	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
100	Developmental neurotoxicity and immunotoxicity induced by graphene oxide in zebrafish embryos. <i>Environmental Toxicology</i> , 2019, 34, 415-423.	2.1	46
101	Lycopene prevents the progression of lipotoxicity-induced nonalcoholic steatohepatitis by decreasing oxidative stress in mice. <i>Free Radical Biology and Medicine</i> , 2020, 152, 571-582.	1.3	44
102	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
103	Evaluation of development, locomotor behavior, oxidative stress, immune responses and apoptosis in developing zebrafish ( <i>Danio rerio</i> ) exposed to TBEC (tetrabromoethylcyclohexane). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 217, 106-113.	1.3	42
104	Enantioselective induction of estrogen-responsive gene expression by permethrin enantiomers in embryo-larval zebrafish. <i>Chemosphere</i> , 2009, 74, 1238-1244.	4.2	41
105	$\beta$ -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
106	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
107	Xanthine oxidase inhibition attenuates insulin resistance and diet-induced steatohepatitis in mice. <i>Scientific Reports</i> , 2020, 10, 815.	1.6	41
108	Analysis of the Proteome of the Marine Diatom <i>Phaeodactylum tricornutum</i> Exposed to Aluminum Providing Insights into Aluminum Toxicity Mechanisms. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11182-11190.	4.6	40

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109	Cis-bifenthrin causes immunotoxicity in murine macrophages. <i>Chemosphere</i> , 2017, 168, 1375-1382.	4.2	40
110	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
111	Lycopene Alleviates Obesity-Induced Inflammation and Insulin Resistance by Regulating M1/M2 Status of Macrophages. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900602.	1.5	39
112	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
113	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
114	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
115	Effects of age and jet lag on d-galactose induced aging process. <i>Biogerontology</i> , 2009, 10, 153-161.	2.0	36
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	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
118	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
119	Extracellular vesicle-encapsulated miR-30e suppresses cholangiocarcinoma cell invasion and migration via inhibiting epithelial-mesenchymal transition. <i>Oncotarget</i> , 2018, 9, 16400-16417.	0.8	34
120	Tumor necrosis factor- $\alpha$ -induced production of plasminogen activator inhibitor 1 and its regulation by pioglitazone and cerivastatin in a nonmalignant human hepatocyte cell line. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1464-1472.	1.5	33
121	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
122	$\beta$ -Cryptoxanthin exerts greater cardioprotective effects on cardiac ischemia-reperfusion injury than astaxanthin by attenuating mitochondrial dysfunction in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601077.	1.5	33
123	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
124	C C chemokine ligand 3 deficiency ameliorates diet-induced steatohepatitis by regulating liver macrophage recruitment and M1/M2 status in mice. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154914.	1.5	33
125	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
126	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



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127	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
128	Polymeric Nanoparticles Induce NLRP3 Inflammasome Activation and Promote Breast Cancer Metastasis. <i>Macromolecular Bioscience</i> , 2017, 17, 1700273.	2.1	32
129	Chronic corticosterone-induced depression mediates premature aging in rats. <i>Journal of Affective Disorders</i> , 2018, 229, 254-261.	2.0	31
130	Ursodeoxycholic acid potentiates dipeptidyl peptidase-4 inhibitor sitagliptin by enhancing glucagon-like peptide-1 secretion in patients with type 2 diabetes and chronic liver disease: a pilot randomized controlled and add-on study. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000469.	1.2	31
131	Impact of Glucoraphanin-Mediated Activation of Nrf2 on Non-Alcoholic Fatty Liver Disease with a Focus on Mitochondrial Dysfunction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5920.	1.8	31
132	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
133	C9 <sup>13</sup> chlorinated paraffins cause immunomodulatory effects in adult C57BL/6 mice. <i>Science of the Total Environment</i> , 2019, 675, 110-121.	3.9	30
134	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
135	Mammalian AKT, the Emerging Roles on Mitochondrial Function in Diseases. , 2022, 13, 157.		30
136	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
137	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
138	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
139	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
140	Crocin-I 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
141	Obesity-Induced Inflammation and Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2014, 5, 204.	1.5	27
142	The regulation of autophagy in the pesticide-induced toxicity: Angel or demon?. <i>Chemosphere</i> , 2020, 242, 125138.	4.2	27
143	Anti-diabetic effects of astaxanthin on an STZ-induced diabetic model in rats. <i>Endocrine Journal</i> , 2021, 68, 451-459.	0.7	27
144	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

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145	Exposure to dibutyl phthalate impairs lipid metabolism and causes inflammation via disturbing microbiota-related gut&ndash;liver axis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1382-1393.	0.9	26
146	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
147	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
148	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
149	Peretinoin, an acyclic retinoid, inhibits hepatocarcinogenesis by suppressing sphingosine kinase 1 expression in vitro and in vivo. <i>Scientific Reports</i> , 2017, 7, 16978.	1.6	25
150	Impacts of Diabetes and an SGLT2 Inhibitor on the Glomerular Number and Volume in db/db Mice, as Estimated by Synchrotron Radiation Micro-CT at SPring-8. <i>EBioMedicine</i> , 2018, 36, 329-346.	2.7	25
151	Inhibitory effects of polystyrene microplastics on caudal fin regeneration in zebrafish larvae. <i>Environmental Pollution</i> , 2020, 266, 114664.	3.7	25
152	Regulation of the expression of serotonin N-acetyltransferase gene in Japanese quail ( <i>Coturnix</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	3.4	24
153	Pirfenidone prevents and reverses hepatic insulin resistance and steatohepatitis by polarizing M2 macrophages. <i>Laboratory Investigation</i> , 2019, 99, 1335-1348.	1.7	23
154	l-Carnitine intake prevents irregular feeding-induced obesity and lipid metabolism disorder. <i>Gene</i> , 2015, 554, 148-154.	1.0	22
155	&beta;-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
156	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
157	Environmentally relevant doses of tetrabromobisphenol A (TBBPA) cause immunotoxicity in murine macrophages. <i>Chemosphere</i> , 2019, 236, 124413.	4.2	21
158	Autophagy protects murine macrophages from Î²-cypermethrin-induced mitochondrial dysfunction and cytotoxicity via the reduction of oxidation stress. <i>Environmental Pollution</i> , 2019, 250, 416-425.	3.7	21
159	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
160	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> lkm512 Attenuates Obesityâ€Associated Inflammation and Insulin Resistance Through the Modification of Gut Microbiota in Highâ€Fat Dietâ€Induced Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100639.	1.5	21
161	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
162	Hepatic Transcriptome Profiles of Mice with Diet-Induced Nonalcoholic Steatohepatitis Treated with Astaxanthin and Vitamin E. <i>International Journal of Molecular Sciences</i> , 2017, 18, 593.	1.8	20

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163	Regulation of the expression of serotonin N-acetyltransferase gene in Japanese quail ( <i>Coturnix</i> ) Tj ETQq1 1 0.784314rgBT /Overlock 10	3.4	19
164	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
165	Pharmacological activation of REV-ERB $\beta$ improves nonalcoholic steatohepatitis by regulating intestinal permeability. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154409.	1.5	19
166	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
167	Effects of altered photoperiod on circadian clock and lipid metabolism in rats. <i>Chronobiology International</i> , 2017, 34, 1094-1104.	0.9	18
168	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
169	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
170	The Effects of Hydrogen Peroxide on the Circadian Rhythms of <i>Microcystis aeruginosa</i> . <i>PLoS ONE</i> , 2012, 7, e33347.	1.1	17
171	Enantioselective disruption of the endocrine system by <i>Cis</i> - $\beta$ -bifenthrin in the male mice. <i>Environmental Toxicology</i> , 2015, 30, 746-754.	2.1	17
172	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
173	Mitochondria and Endoplasmic Reticulum Targeting Strategy for Enhanced Phototherapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 3015-3026.	2.3	17
174	Early Life Exposure to Ractopamine Causes Endocrine-Disrupting Effects in Japanese Medaka ( <i>Oryzias</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	16
175	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
176	Titanium dioxide nanoparticle stimulating pro-inflammatory responses <i>in vitro</i> and <i>in vivo</i> for inhibited cancer metastasis. <i>Life Sciences</i> , 2018, 202, 44-51.	2.0	16
177	Effects of 17 $\beta$ -ethinylestradiol on caudal fin regeneration in zebrafish larvae. <i>Science of the Total Environment</i> , 2019, 653, 10-22.	3.9	16
178	CX3CL1-CX3CR1 Signaling Deficiency Exacerbates Obesity-induced Inflammation and Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2021, 162, .	1.4	16
179	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
180	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

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181	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
182	Differential responses of peripheral circadian clocks to a short-term feeding stimulus. <i>Molecular Biology Reports</i> , 2012, 39, 9783-9789.	1.0	14
183	cis-Bifenthrin enantioselectively induces hepatic oxidative stress in mice. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 61-67.	1.6	14
184	CCR5. <i>Adipocyte</i> , 2013, 2, 99-103.	1.3	14
185	A new extracellular von Willebrand A domain-containing protein is involved in silver uptake in <i>Microcystis aeruginosa</i> exposed to silver nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8955-8963.	1.7	14
186	DPP-4 Inhibition with Anagliptin Reduces Lipotoxicity-Induced Insulin Resistance and Steatohepatitis in Male Mice. <i>Endocrinology</i> , 2020, 161, .	1.4	14
187	A porcine placental extract prevents steatohepatitis by suppressing activation of macrophages and stellate cells in mice. <i>Oncotarget</i> , 2018, 9, 15047-15060.	0.8	14
188	<i>Cis</i> -bifenthrin induces immunotoxicity in adolescent male C57BL/6 mice. <i>Environmental Toxicology</i> , 2017, 32, 1849-1856.	2.1	13
189	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
190	<i>Lactobacillus pentosus</i> strain S-PT84 improves steatohepatitis by maintaining gut permeability. <i>Journal of Endocrinology</i> , 2020, 247, 169-181.	1.2	13
191	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
192	Differential Resetting Process of Circadian Gene Expression in Rat Pineal Glands after the Reversal of the Light/Dark Cycle via a 24 h Light or Dark Period Transition. <i>Chronobiology International</i> , 2009, 26, 793-807.	0.9	12
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194	8:2 fluorotelomer alcohol inhibited proliferation and disturbed the expression of pro-inflammatory cytokines and antigen-presenting genes in murine macrophages. <i>Chemosphere</i> , 2019, 219, 1052-1060.	4.2	12
195	Tetrabromoethylcyclohexane (TBECH) exhibits immunotoxicity in murine macrophages. <i>Environmental Toxicology</i> , 2020, 35, 159-166.	2.1	12
196	An individual 12-h shift of the light&ndash;dark cycle alters the pancreatic and duodenal circadian rhythm and digestive function. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 954-961.	0.9	11
197	Transcriptomic Analyses Reveal the Protective Immune Regulation of Conjugated Linoleic Acids in Sheep Ruminal Epithelial Cells. <i>Frontiers in Physiology</i> , 2020, 11, 588082.	1.3	11
198	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

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199	Molecular Mechanisms of Nonalcoholic Fatty Liver Disease (NAFLD)/Nonalcoholic Steatohepatitis (NASH). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1261, 223-229.	0.8	11
200	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
201	Significant dissociation of expression patterns of the basic helix-loop-helix transcription factors Dec1 and Dec2 in rat kidney. <i>Journal of Experimental Biology</i> , 2011, 214, 1257-1263.	0.8	10
202	Transcriptional responses in male Japanese medaka exposed to antiandrogens and antiandrogen/androgen mixtures. <i>Environmental Toxicology</i> , 2016, 31, 1591-1599.	2.1	10
203	Propamocarb exposure decreases the secretion of neurotransmitters and causes behavioral impairments in mice. <i>Environmental Toxicology</i> , 2019, 34, 22-29.	2.1	10
204	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
205	Effect of fasting on the peripheral circadian gene expression in rats. <i>Biological Rhythm Research</i> , 2010, 41, 41-47.	0.4	9
206	Effect of BRAND's Essence of Chicken on the resetting process of circadian clocks in rats subjected to experimental jet lag. <i>Molecular Biology Reports</i> , 2011, 38, 1533-1540.	1.0	9
207	<b>Cypermethrin promotes the adipogenesis of 3T3-L1 cells via inducing autophagy and shaping an adipogenesis-friendly microenvironment.</b> <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 821-831.	0.9	9
208	Evaluation of the immunomodulatory effects of C <sub>9-13</sub> -CPs in macrophages. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1154-1165.	0.9	9
209	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
210	Desipramine rescues age-related phenotypes in depression-like rats induced by chronic mild stress. <i>Life Sciences</i> , 2017, 188, 96-100.	2.0	8
211	Time-dependent glucocorticoid administration differently affects peripheral circadian rhythm in rats. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 1122-1128.	0.9	8
212	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
213	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
214	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
215	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
216	Prevention of NAFLD/NASH by Astaxanthin and Î <sup>2</sup> -Cryptoxanthin. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1261, 231-238.	0.8	7

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217	Propamocarb exposure has the potential to accelerate the formation of atherosclerosis in both WT and ApoE <sup>-/-</sup> mice accompanied by gut microbiota dysbiosis. <i>Science of the Total Environment</i> , 2021, 800, 149602.	3.9	7
218	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
219	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
220	Neuroprotective effects of ProBeptigen/CMI-168 on aging-induced cognitive decline and neuroinflammation in mice: a comparison with essence of chicken. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 419-429.	0.9	6
221	Impact of a hexafluoropropylene oxide trimer acid (HFPO-TA) exposure on impairing the gut microbiota in mice. <i>Chemosphere</i> , 2022, 303, 134951.	4.2	6
222	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
223	Unusual manifestations of giant cell arteritis and granulomatosis with polyangiitis. <i>Immunological Medicine</i> , 2019, 42, 94-98.	1.4	5
224	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
225	Isomer-Specific Effects of cis-9,trans-11- and trans-10,cis-12-CLA on Immune Regulation in Ruminal Epithelial Cells. <i>Animals</i> , 2021, 11, 1169.	1.0	4
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227	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
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232	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
233	Increment of plasma glucose by exogenous glucagon is associated with present and future renal function in type 2 diabetes:a retrospective study from glucagon stimulation test. <i>BMC Endocrine Disorders</i> , 2019, 19, 99.	0.9	2
234	3-Methylcholanthrene alters the hepatic immune response in mice. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 570-572.	0.9	2

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235	Circadian Rhythm of Pineal Melatonin in Silky Chicks.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1998, 35, 55-59.	0.3	2
236	Parental exposure to 3-methylcholanthrene before gestation adversely affected the endocrine system and spermatogenesis in male F1 offspring. Reproductive Toxicology, 2022, 110, 161-171.	1.3	2
237	8:2 Fluorotelomer alcohol causes G1 cell cycle arrest and blocks granulocytic differentiation in HL60 cells. Environmental Toxicology, 2019, 34, 666-673.	2.1	1
238	Increased Oxidative Damage Contributes to Mitochondrial Dysfunction in Muscle of Depressed Rats Induced by Chronic Mild Stress Probably Mediated by SIRT3 Pathway. Biology Bulletin, 2019, 46, 615-625.	0.1	1
239	Retinoic Acid Accelerates the Testicular Maturation in Japanese Quail. Nihon Chikusan Gakkaiho, 1997, 68, 420-422.	0.0	1
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