

# Ruiyan Niu

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,435  
citations

346980

22  
h-index

425179

34  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Ameliorates Fluoride-induced Anxiety- and Depression-like Behavior in Mice: Role of GABA. <i>Biological Trace Element Research</i> , 2022, 200, 678-688.	1.9	13
2	Alleviative Effects of Exercise on Bone Remodeling in Fluorosis Mice. <i>Biological Trace Element Research</i> , 2022, 200, 1248-1261.	1.9	8
3	Fluoride exposure induces mitochondrial damage and mitophagy via activation of the IL-17A pathway in hepatocytes. <i>Science of the Total Environment</i> , 2022, 804, 150184.	3.9	25
4	Exercise alleviated intestinal damage and microbial disturbances in mice exposed to fluoride. <i>Chemosphere</i> , 2022, 288, 132658.	4.2	15
5	Effect of traditional chinese medicine (TCM) and its fermentation using <i>Lactobacillus plantarum</i> on ceftriaxone sodium-induced dysbacteriotic diarrhea in mice. <i>Chinese Medicine</i> , 2022, 17, 20.	1.6	9
6	Moderate exercise relieves fluoride-induced liver and kidney inflammatory responses through the IKK $\beta$ /NF $\kappa$ B pathway. <i>Environmental Science and Pollution Research</i> , 2022, 29, 78429-78443.	2.7	5
7	Effect of exercise on microglial activation and transcriptome of hippocampus in fluorosis mice. <i>Science of the Total Environment</i> , 2021, 760, 143376.	3.9	29
8	Co-exposure to inorganic arsenic and fluoride prominently disrupts gut microbiota equilibrium and induces adverse cardiovascular effects in offspring rats. <i>Science of the Total Environment</i> , 2021, 767, 144924.	3.9	18
9	Effect of arsenic and/or fluoride gestational exposure on renal autophagy in offspring mice. <i>Chemosphere</i> , 2020, 241, 124861.	4.2	16
10	Immune disruption occurs through altered gut microbiome and NOD2 in arsenic induced mice: Correlation with colon cancer markers. <i>Chemosphere</i> , 2020, 246, 125791.	4.2	18
11	Intestinal fungal dysbiosis in mice induced by fluoride. <i>Chemosphere</i> , 2020, 245, 125617.	4.2	12
12	Fluoride-Induced Alteration in the Diversity and Composition of Bacterial Microbiota in Mice Colon. <i>Biological Trace Element Research</i> , 2020, 196, 537-544.	1.9	16
13	Deregulation of autophagy is involved in nephrotoxicity of arsenite and fluoride exposure during gestation to puberty in rat offspring. <i>Archives of Toxicology</i> , 2020, 94, 749-760.	1.9	23
14	Fluoride exposure altered metabolomic profile in rat serum. <i>Chemosphere</i> , 2020, 258, 127387.	4.2	7
15	Detrimental Effects of Sodium Fluoride on the Expression of Insulin Receptor in the Olfactory Bulb and Hippocampus of Male Mice. <i>Biological Trace Element Research</i> , 2020, 198, 216-223.	1.9	4
16	Arsenic-induced autophagic alterations and mitochondrial impairments in HPG-S axis of mature male mice offspring (F1-generation): A persistent toxicity study. <i>Toxicology Letters</i> , 2020, 326, 83-98.	0.4	44
17	Effects of lead exposure on brain glucose metabolism and insulin signaling pathway in the hippocampus of rats. <i>Toxicology Letters</i> , 2019, 310, 23-30.	0.4	15
18	Fluoride exposure decreased learning ability and the expressions of the insulin receptor in male mouse hippocampus and olfactory bulb. <i>Chemosphere</i> , 2019, 224, 71-76.	4.2	24

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19	Effect of fluoride exposure on anxiety- and depression-like behavior in mouse. <i>Chemosphere</i> , 2019, 215, 454-460.	4.2	24
20	Co-exposure to fluoride and sulfur dioxide on histological alteration and DNA damage in rat brain. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22023.	1.4	21
21	Effects of fluoride on synapse morphology and myelin damage in mouse hippocampus. <i>Chemosphere</i> , 2018, 194, 628-633.	4.2	48
22	Effects of perinatal fluoride exposure on the expressions of miR-124 and miR-132 in hippocampus of mouse pups. <i>Chemosphere</i> , 2018, 197, 117-122.	4.2	22
23	Ameliorative Effect of VE, IGF-I, and hCG on the Fluoride-Induced Testosterone Release Suppression in Mice Leydig Cells. <i>Biological Trace Element Research</i> , 2018, 181, 95-103.	1.9	23
24	Effects of Fluoride on SOD and CAT in Testis and Epididymis of Mice. <i>Biological Trace Element Research</i> , 2018, 184, 148-153.	1.9	15
25	Alterations in epididymal proteomics and antioxidant activity of mice exposed to fluoride. <i>Archives of Toxicology</i> , 2018, 92, 169-180.	1.9	36
26	Effects of Fluoride and/or Sulfur Dioxide on Morphology and DNA Integrity in Rats' Hepatic Tissue. <i>Biological Trace Element Research</i> , 2018, 183, 335-341.	1.9	17
27	Combination of Fluoride and SO <sub>2</sub> Induce DNA Damage and Morphological Alterations in Male Rat Kidney. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 734-744.	1.1	13
28	Arsenic induces autophagy in developmental mouse cerebral cortex and hippocampus by inhibiting PI3K/Akt/mTOR signaling pathway: involvement of blood-brain barrier's tight junction proteins. <i>Archives of Toxicology</i> , 2018, 92, 3255-3275.	1.9	79
29	Proteomic identification of sperm from mice exposed to sodium fluoride. <i>Chemosphere</i> , 2018, 207, 676-681.	4.2	14
30	Arsenic-Induced Autophagy in the Developing Mouse Cerebellum: Involvement of the Blood-Brain Barrier's Tight-Junction Proteins and the PI3K-Akt-mTOR Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8602-8614.	2.4	40
31	Analysis of the roles of dietary protein and calcium in fluoride-induced changes in T-lymphocyte subsets in rat. <i>Environmental Toxicology</i> , 2017, 32, 1587-1595.	2.1	8
32	Effect of sodium fluoride on the sperm mitochondrial DNA in mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 295-299.	1.0	16
33	Cell cycle arrest and gene expression profiling of testis in mice exposed to fluoride. <i>Environmental Toxicology</i> , 2017, 32, 1558-1565.	2.1	8
34	Fluoride reduced the immune privileged function of mouse Sertoli cells via the regulation of Fas/FasL system. <i>Chemosphere</i> , 2017, 168, 318-325.	4.2	17
35	Effects of Fluoride on Expression of P450, CREM and ACT Proteins in Rat Testes. <i>Biological Trace Element Research</i> , 2017, 175, 156-160.	1.9	10
36	Altered miRNAs expression profiling in sperm of mice induced by fluoride. <i>Chemosphere</i> , 2016, 155, 109-114.	4.2	24

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37	Fluoride decreased the sperm ATP of mice through inhabiting mitochondrial respiration. <i>Chemosphere</i> , 2016, 144, 1012-1017.	4.2	60
38	Changes in Liver Antioxidant Status of Offspring Mice Induced by Maternal Fluoride Exposure During Gestation and Lactation. <i>Biological Trace Element Research</i> , 2016, 172, 172-178.	1.9	11
39	Effects of fluoride on the ultrastructure and expression of Type I collagen in rat hard tissue. <i>Chemosphere</i> , 2015, 128, 36-41.	4.2	41
40	Proteome Alterations in Cortex of Mice Exposed to Fluoride and Lead. <i>Biological Trace Element Research</i> , 2015, 164, 99-105.	1.9	18
41	Transcriptional regulatory dynamics of the hypothalamic-pituitary-testicular axis in male mice exposed to fluoride. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 557-562.	2.0	14
42	Effects of fluoride on microtubule ultrastructure and expression of Tub $\beta$ 1a and Tub $\beta$ 2a in mouse hippocampus. <i>Chemosphere</i> , 2015, 139, 422-427.	4.2	31
43	CHAPTER 19. Fluoride and Effects on Caspases. <i>Food and Nutritional Components in Focus</i> , 2015, , 327-336.	0.1	1
44	Proteomic Analysis of Hippocampus in Offspring Male Mice Exposed to Fluoride and Lead. <i>Biological Trace Element Research</i> , 2014, 162, 227-233.	1.9	11
45	Maternal Bisphenol A Diet Induces Anxiety-Like Behavior in Female Juvenile with Neuroimmune Activation. <i>Toxicological Sciences</i> , 2014, 140, 364-373.	1.4	40
46	Altered sperm chromatin structure in mice exposed to sodium fluoride through drinking water. <i>Environmental Toxicology</i> , 2014, 29, 690-696.	2.1	26
47	Changes in memory and synaptic plasticity induced in male rats after maternal exposure to bisphenol A. <i>Toxicology</i> , 2014, 322, 51-60.	2.0	56
48	In vivo influence of sodium fluoride on sperm chemotaxis in male mice. <i>Archives of Toxicology</i> , 2014, 88, 533-539.	1.9	40
49	Effects of Chronic Fluoride Exposure on Object Recognition Memory and mRNA Expression of SNARE Complex in Hippocampus of Male Mice. <i>Biological Trace Element Research</i> , 2014, 158, 58-64.	1.9	20
50	Pubertal exposure to Bisphenol A increases anxiety-like behavior and decreases acetylcholinesterase activity of hippocampus in adult male mice. <i>Food and Chemical Toxicology</i> , 2013, 60, 177-180.	1.8	39
51	Effect of Dietary Yeast Chromium and L-Carnitine on Lipid Metabolism of Sheep. <i>Biological Trace Element Research</i> , 2013, 155, 221-227.	1.9	29
52	Enhancement of immune response for Newcastle disease vaccine using a combined adjuvant solution of Astragalus polysaccharides, levamisole, and selenoprotein. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2013, 37, 516-522.	0.2	6
53	Inflammatory responses induced by fluoride and arsenic at toxic concentration in rabbit aorta. <i>Archives of Toxicology</i> , 2012, 86, 849-856.	1.9	50
54	Proteomic analysis of brain proteins of rats exposed to high fluoride and low iodine. <i>Archives of Toxicology</i> , 2011, 85, 27-33.	1.9	34

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55	Fluoride-induced apoptosis and gene expression profiling in mice sperm in vivo. Archives of Toxicology, 2011, 85, 1441-1452.	1.9	76
56	Effects of sodium fluoride on hyperactivation and Ca <sup>2+</sup> signaling pathway in sperm from mice: an in vivo study. Archives of Toxicology, 2010, 84, 353-361.	1.9	57
57	DNA Damage in Brain and Thyroid Gland Cells due to High Fluoride and Low Iodine. , 2009, , 643-649.		1
58	Decreased learning ability and low hippocampus glutamate in offspring rats exposed to fluoride and lead. Environmental Toxicology and Pharmacology, 2009, 28, 254-258.	2.0	38