Tao Ke

List of Publications by Year
in descending order

35 papers	776 citations	516561 16 h-index	526166 27 g-index
36 all docs	36 docs citations	36 times ranked	1002 citing authors

#	Article	IF	Citations
1	Hypoxia causes mitochondrial dysfunction and brain memory disorder in a manner mediated by the reduction of Cirbp. Science of the Total Environment, 2022, 806, 151228.	3.9	8
2	BTBD9 attenuates manganese-induced oxidative stress and neurotoxicity by regulating insulin growth factor signaling pathway. Human Molecular Genetics, 2022, 31, 2207-2222.	1.4	5
3	Hydrogen Sulfide (H2S) Signaling as a Protective Mechanism against Endogenous and Exogenous Neurotoxicants. Current Neuropharmacology, 2022, 20, 1908-1924.	1.4	12
4	The Modulatory Role of sti-1 in Methylmercury-Induced Toxicity in Caenorhabditis elegans. Neurotoxicity Research, 2022, 40, 837-846.	1.3	2
5	New insights on mechanisms underlying methylmercury-induced and manganese-induced neurotoxicity. Current Opinion in Toxicology, 2021, 25, 30-35.	2.6	14
6	Adipotropic effects of heavy metals and their potential role in obesity. Faculty Reviews, 2021, 10, 32.	1.7	28
7	Latent alterations in swimming behavior by developmental methylmercury exposure are modulated by the homolog of tyrosine hydroxylase in Caenorhabditis elegans. Neurotoxicology and Teratology, 2021, 85, 106963.	1.2	10
8	Mechanisms of Metal-Induced Mitochondrial Dysfunction in Neurological Disorders. Toxics, 2021, 9, 142.	1.6	23
9	The Role of Human LRRK2 in Acute Methylmercury Toxicity in Caenorhabditis elegans. Neurochemical Research, 2021, 46, 2991-3002.	1.6	5
10	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. Environmental Epigenetics, 2021, 7, dvab014.	0.9	6
11	Toxic metal exposure as a possible risk factor for COVID-19 and other respiratory infectious diseases. Food and Chemical Toxicology, 2020, 146, 111809.	1.8	59
12	N,Nâ€™ bis-(2-mercaptoethyl) isophthalamide induces developmental delay in Caenorhabditis elegans by promoting DAF-16 nuclear localization. Toxicology Reports, 2020, 7, 930-937.	1.6	9
13	Cephalic Neuronal Vesicle Formation is Developmentally Dependent and Modified by Methylmercury and sti-1 in Caenorhabditis elegans. Neurochemical Research, 2020, 45, 2939-2948.	1.6	10
14	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in Caenorhabditis elegans. Neurotoxicity Research, 2020, 38, 751-764.	1.3	5
15	S-Allylcysteine Protects Against Excitotoxic Damage in Rat Cortical Slices Via Reduction of Oxidative Damage, Activation of Nrf2/ARE Binding, and BDNF Preservation. Neurotoxicity Research, 2020, 38, 929-940.	1.3	9
16	Generating Bacterial Foods in Toxicology Studies with Caenorhabditis elegans. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2020, 84, e94.	1.1	1
17	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in Caenorhabditis elegans. NeuroToxicology, 2020, 77, 105-113.	1.4	25
18	The effects of manganese overexposure on brain health. Neurochemistry International, 2020, 135, 104688.	1.9	65

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19	Therapeutic Efficacy of the N,Nâ€² Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in Caenorhabditis elegans. Neurotoxicity Research, 2020, 38, 133-144.	1.3	6
20	Bacteria affect Caenorhabditis elegans responses to MeHg toxicity. NeuroToxicology, 2019, 75, 129-135.	1.4	18
21	Role of Astrocytes in Manganese Neurotoxicity Revisited. Neurochemical Research, 2019, 44, 2449-2459.	1.6	25
22	Post-translational modifications in MeHg-induced neurotoxicity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2068-2081.	1.8	36
23	Effects of Mild Chronic Intermittent Cold Exposure on Rat Organs. International Journal of Biological Sciences, 2015, 11, 1171-1180.	2.6	35
24	Constitution of a visual detection system for lead(<scp>ii</scp>) on polydiacetyleneâ€“glycine embedded nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 9722-9730.	5.2	39
25	Solid-phase pink-to-purple chromatic strips utilizing gold probes and nanofibrous membranes combined system for lead (II) assaying. Sensors and Actuators B: Chemical, 2014, 204, 673-681.	4.0	27
26	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. Journal of Materials Chemistry A, 2014, 2, 18304-18312.	5.2	58
27	Effect of Acetazolamide and Gingko Biloba on the Human Pulmonary Vascular Response to an Acute Altitude Ascent. High Altitude Medicine and Biology, 2013, 14, 162-167.	0.5	31
28	Effects of acetazolamide on cognitive performance during high-altitude exposure. Neurotoxicology and Teratology, 2013, 35, 28-33.	1.2	70
29	The effect of sodium selenite on lead induced cognitive dysfunction. NeuroToxicology, 2013, 36, 82-88.	1.4	35
30	Non-high altitude methods for rapid screening of susceptibility to acute mountain sickness. BMC Public Health, 2013, 13, 902.	1.2	16
31	Akt Activation Protects Liver Cells from Apoptosis in Rats during Acute Cold Exposure. International Journal of Biological Sciences, 2013, 9, 509-517.	2.6	19
32	Manganese induces p21 expression in PC12 cells at the transcriptional level. Neuroscience, 2012, 215, 184-195.	1.1	12
33	The Anti-Arthritic Effects of Synthetic Melittin on the Complete Freund's Adjuvant-Induced Rheumatoid Arthritis Model in Rats. The American Journal of Chinese Medicine, 2010, 38, 1039-1049.	1.5	31
34	Mitofusin-2 protects against cold stress-induced cell injury in HEK293 cells. Biochemical and Biophysical Research Communications, 2010, 397, 270-276.	1.0	17
35	The Human LRRK2 Modulates the Age-Dependent Effects of Developmental Methylmercury Exposure in Caenorhabditis elegans. Neurotoxicity Research, 0, , .	1.3	2