

Jinshun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,920
citations

218677

26
h-index

118850

62
g-index

69
all docs

69
docs citations

69
times ranked

7094
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium dioxide nanoparticles: a review of current toxicological data. <i>Particle and Fibre Toxicology</i> , 2013, 10, 15.	6.2	1,114
2	A Near Infrared Light Triggered Hydrogenated Black TiO ₂ for Cancer Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1526-1536.	7.6	326
3	Toxicology of Nanomaterials Used in Nanomedicine. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011, 14, 593-632.	6.5	239
4	Genotoxicity and carcinogenicity of cobalt-, nickel- and copper-based nanoparticles. <i>Experimental and Therapeutic Medicine</i> , 2012, 4, 551-561.	1.8	179
5	Carcinogenicity of chromium and chemoprevention: a brief update. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 4065-4079.	2.0	159
6	Advances in biosensors for the detection of ochratoxin A: Bio-receptors, nanomaterials, and their applications. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111418.	10.1	123
7	Titanium Dioxide (TiO ₂) Nanoparticles Induce JB6 Cell Apoptosis Through Activation of the Caspase-8/Bid and Mitochondrial Pathways. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1141-1149.	2.3	120
8	Potential applications and human biosafety of nanomaterials used in nanomedicine. <i>Journal of Applied Toxicology</i> , 2018, 38, 3-24.	2.8	112
9	Impact of ambient PM _{2.5} on adverse birth outcome and potential molecular mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 248-254.	6.0	112
10	Occupational Toxicology of Nickel and Nickel Compounds. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2009, 28, 177-208.	1.2	110
11	Recent progress in studies of metallic nickel and nickel-based nanoparticles' genotoxicity and carcinogenicity. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 644-650.	4.0	106
12	Homocysteine, Ischemic Stroke, and Coronary Heart Disease in Hypertensive Patients. <i>Stroke</i> , 2015, 46, 1777-1786.	2.0	78
13	Metallic nickel nano- and fine particles induce JB6 cell apoptosis through a caspase-8/AIF mediated cytochrome c-independent pathway. <i>Journal of Nanobiotechnology</i> , 2009, 7, 2.	9.1	72
14	Acute toxicity of nickel nanoparticles in rats after intravenous injection. <i>International Journal of Nanomedicine</i> , 2014, 9, 1393.	6.7	69
15	Molecular mechanisms of nickel induced neurotoxicity and chemoprevention. <i>Toxicology</i> , 2017, 392, 47-54.	4.2	69
16	The Associations between VEGF Gene Polymorphisms and Diabetic Retinopathy Susceptibility: A Meta-Analysis of 11 Case-Control Studies. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-10.	2.3	52
17	The systemic toxicity of heavy metal mixtures in rats. <i>Toxicology Research</i> , 2018, 7, 396-407.	2.1	47
18	Combined toxicity of heavy metal mixtures in liver cells. <i>Journal of Applied Toxicology</i> , 2016, 36, 1163-1172.	2.8	46

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19	Neuropeptide Y Y1 receptor-mediated biodegradable photoluminescent nanobubbles as ultrasound contrast agents for targeted breast cancer imaging. <i>Biomaterials</i> , 2017, 116, 106-117.	11.4	40
20	Metallic Nickel Nanoparticles May Exhibit Higher Carcinogenic Potential than Fine Particles in JB6 Cells. <i>PLoS ONE</i> , 2014, 9, e92418.	2.5	39
21	Three dimensional plasmonic assemblies of AuNPs with an overall size of sub-200 nm for chemo-photothermal synergistic therapy of breast cancer. <i>Nanoscale</i> , 2016, 8, 18682-18692.	5.6	38
22	Apoptosis induced by tungsten carbide-cobalt nanoparticles in JB6 cells involves ROS generation through both extrinsic and intrinsic apoptosis pathways. <i>International Journal of Oncology</i> , 2013, 42, 1349-1359.	3.3	35
23	Analytical Techniques and Pharmacokinetics of <i>Gastrodia elata</i> Blume and Its Constituents. <i>Molecules</i> , 2017, 22, 1137.	3.8	35
24	Mechanistic insight, diagnosis, and treatment of ammonia-induced hepatic encephalopathy. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 31-39.	2.8	34
25	Risk of all-cause and CHD mortality in women versus men with type 2 diabetes: a systematic review and meta-analysis. <i>European Journal of Endocrinology</i> , 2019, 180, 243-255.	3.7	32
26	In vitro and in vivo evaluation of the toxicities induced by metallic nickel nano and fine particles. <i>Journal of Molecular Histology</i> , 2016, 47, 273-286.	2.2	27
27	Inhibition of AP-1 and MAPK signaling and activation of Nrf2/ARE pathway by quercitrin. <i>International Journal of Oncology</i> , 2010, 36, 59-67.	3.9	26
28	Hyperphosphorylation of microfilament-associated proteins is involved in microcystin-induced toxicity in HL7702 cells. <i>Environmental Toxicology</i> , 2015, 30, 981-988.	4.0	25
29	Metabolomics workflow for lung cancer: Discovery of biomarkers. <i>Clinica Chimica Acta</i> , 2019, 495, 436-445.	1.1	25
30	Proliferation inhibition and the underlying molecular mechanisms of microRNA-30d in renal carcinoma cells. <i>Oncology Letters</i> , 2014, 7, 799-804.	1.8	23
31	Algal oil rich in n-3 polyunsaturated fatty acids suppresses B16F10 melanoma lung metastasis by autophagy induction. <i>Food and Function</i> , 2018, 9, 6179-6186.	4.6	22
32	Sulforaphane ameliorates glucose intolerance in obese mice via the upregulation of the insulin signaling pathway. <i>Food and Function</i> , 2018, 9, 4695-4701.	4.6	22
33	Current issues facing the introduction of human papillomavirus vaccine in China and future prospects. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1533-1540.	3.3	22
34	Inhibition of Nickel Nanoparticles-Induced Toxicity by Epigallocatechin-3-Gallate in JB6 Cells May Be through Down-Regulation of the MAPK Signaling Pathways. <i>PLoS ONE</i> , 2016, 11, e0150954.	2.5	22
35	Joint Toxicity of Different Heavy Metal Mixtures after a Short-Term Oral Repeated-Administration in Rats. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1164.	2.6	21
36	Association of GST Genetic Polymorphisms with the Susceptibility to Hepatocellular Carcinoma (HCC) in Chinese Population Evaluated by an Updated Systematic Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e57043.	2.5	20

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37	The Associations between Two Vital GSTs Genetic Polymorphisms and Lung Cancer Risk in the Chinese Population: Evidence from 71 Studies. PLoS ONE, 2014, 9, e102372.	2.5	20
38	A Dual pH/Magnetic Responsive Nanocarrier Based on PEGylated Fe ₃ O ₄ Nanoparticles for Doxorubicin Delivery. Journal of Nanoscience and Nanotechnology, 2018, 18, 4464-4470.	0.9	20
39	Joint Toxicity of a Multi-Heavy Metal Mixture and Chemoprevention in Sprague Dawley Rats. International Journal of Environmental Research and Public Health, 2020, 17, 1451.	2.6	20
40	A facile and sensitive tetrabromobisphenol-A sensor based on biomimetic catalysis of a metal-organic framework: PCN-222(Fe). Analytical Methods, 2018, 10, 4275-4281.	2.7	19
41	Association of Dietary Behaviors and Sleep Quality: Results from the Adults Chronic Diseases and Risk Factors Survey of 2015 in Ningbo, China. International Journal of Environmental Research and Public Health, 2018, 15, 1823.	2.6	17
42	In vitro evaluation of the toxicity and underlying molecular mechanisms of Janus Fe ₃ O ₄ -TiO ₂ nanoparticles in human liver cells. Environmental Toxicology, 2018, 33, 1078-1088.	4.0	17
43	Silver Doped Mesoporous Silica Nanoparticles Based Electrochemical Enzyme-Less Sensor for Determination of H ₂ O ₂ Released from Live Cells. Micromachines, 2019, 10, 268.	2.9	15
44	Association of SCNN1B promoter methylation with essential hypertension. Molecular Medicine Reports, 2016, 14, 5422-5428.	2.4	14
45	Epidemiological Study on Metal Pollution of Ningbo in China. International Journal of Environmental Research and Public Health, 2018, 15, 424.	2.6	14
46	Toxicogenomic analysis identifies the apoptotic pathway as the main cause of hepatotoxicity induced by tributyltin. Food and Chemical Toxicology, 2016, 97, 316-326.	3.6	12
47	Correlation between overall survival and other endpoints in metastatic breast cancer with second- or third-line chemotherapy: Literature-based analysis of 24 randomized trials. Bulletin Du Cancer, 2016, 103, 336-344.	1.6	12
48	ROS generation is involved in titanium dioxide nanoparticle-induced AP-1 activation through p38 MAPK and ERK pathways in JB6 cells. Environmental Toxicology, 2022, 37, 237-244.	4.0	11
49	Luteolin inhibits multi-heavy metal mixture-induced HL7702 cell apoptosis through downregulation of ROS-activated mitochondrial pathway. International Journal of Molecular Medicine, 2017, 41, 233-241.	4.0	9
50	Sulforaphane and myricetin act synergistically to induce apoptosis in 3T3-L1 adipocytes. Molecular Medicine Reports, 2018, 17, 2945-2951.	2.4	9
51	Biosafety evaluation of Janus Fe ₃ O ₄ -TiO ₂ nanoparticles in Sprague Dawley rats after intravenous injection. International Journal of Nanomedicine, 2018, Volume 13, 6987-7001.	6.7	8
52	Tributyltin induces disruption of microfilament in HL7702 cells via MAPK-mediated hyperphosphorylation of VASP. Environmental Toxicology, 2016, 31, 1530-1538.	4.0	7
53	Identification, characterization and in vitro neuroprotection of N ⁶ -(4-hydroxybenzyl) adenine riboside and its metabolites. Phytochemistry Letters, 2017, 20, 146-150.	1.2	7
54	Serine hydroxymethyltransferase 1 promoter hypermethylation increases the risk of essential hypertension. Journal of Clinical Laboratory Analysis, 2019, 33, e22712.	2.1	7

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55	Association between the Hygiene Index Values of Live Fresh Aquatic Products and Food-Borne Diarrhea in the Population of the Ningbo Area in China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9154-9168.	2.6	6
56	Cdc45/Mcm2-7/GINS complex down-regulation mediates S phase arrest in okadaic acid-induced cell damage. <i>Toxicol</i> , 2018, 152, 16-22.	1.6	6
57	Lack of Any Association of GST Genetic Polymorphisms with Susceptibility to Ovarian Cancer - a Meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 6131-6136.	1.2	6
58	Comprehensive analysis of epigenetic pattern of long noncoding RNA loci in colorectal cancer. <i>Gene</i> , 2016, 595, 9-17.	2.2	4
59	Does Body Mass Index and Height Influence the Incident Risk of Ischemic Stroke in Newly Diagnosed Type 2 Diabetes Subjects?. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-8.	2.3	4
60	Magnetic/pH dual-responsive nanocomposites loading doxorubicin hydrochloride for cancer therapy. <i>Micro and Nano Letters</i> , 2019, 14, 520-525.	1.3	4
61	Protection by nitrite against the ischemic effects induced by acute myocardial infarction in mice. <i>Anatolian Journal of Cardiology</i> , 2017, 18, 315-320.	0.9	4
62	Cancer Treatment: A Near Infrared Light Triggered Hydrogenated Black TiO ₂ for Cancer Photothermal Therapy (Adv. Healthcare Mater. 10/2015). <i>Advanced Healthcare Materials</i> , 2015, 4, 1576-1576.	7.6	3
63	Novel Thioacetal-Bridged Hollow Mesoporous Organosilica Nanoparticles with ROS-Responsive Biodegradability for Smart Drug Delivery. <i>Nano</i> , 2019, 14, 1950141.	1.0	3
64	Mechanism of N-acetyl-cysteine inhibition on the cytotoxicity induced by titanium dioxide nanoparticles in JB6 cells transfected with activator protein-1. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3549-3554.	1.8	1
65	A Method for Analysis of Wilfordmine in Human Plasma by Liquid Chromatography Coupled with Ion Trap Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2015, 53, 177-182.	1.4	0
66	Evaluation of the effectiveness of a pilot study of hospital-based hepatitis C epidemic surveillance. <i>Medicine (United States)</i> , 2019, 98, e18334.	1.0	0
67	Tungsten Carbide-Cobalt Nanoparticles Induce Reactive Oxygen Species, AKT, ERK, AP-1, NF- κ B, VEGF, and Angiogenesis. <i>FASEB Journal</i> , 2010, 24, 833.7.	0.5	0
68	Induction of Apoptosis by Tungsten Carbide-Cobalt Nanoparticles in JB6 Cells Involves ROS Generation through both "Extrinsic" and "Intrinsic" Apoptotic Pathways. <i>FASEB Journal</i> , 2012, 26, 798.26.	0.5	0