Ling Zhao

List of Publications by Year
in descending order

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		186209	106281
97	4,899	28	65
papers	citations	h-index	g-index

97	97	97	6758
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of autophagy via the ROS-dependent AMPK-mTOR pathway protects copper-induced spermatogenesis disorder. Redox Biology, 2022, 49, 102227.	3.9	73
2	G protein-coupled receptor 17 restricts rabies virus replication via BAK-mediated apoptosis. Veterinary Microbiology, 2022, 265, 109326.	0.8	4
3	Autophagy and apoptosis mediated nano-copper-induced testicular damage. Ecotoxicology and Environmental Safety, 2022, 229, 113039.	2.9	18
4	Low oxygen concentration improves yak oocyte maturation and inhibits apoptosis through HIFâ€1 and VEGF. Reproduction in Domestic Animals, 2022, 57, 381-392.	0.6	4
5	Binding induced isothermal amplification reaction to activate CRISPR/Cas12a for amplified electrochemiluminescence detection of rabies viral RNA via DNA nanotweezer structure switching. Biosensors and Bioelectronics, 2022, 204, 114078.	5.3	19
6	Restorative Effects of Inulin From Codonopsis pilosula on Intestinal Mucosal Immunity, Anti-Inflammatory Activity and Gut Microbiota of Immunosuppressed Mice. Frontiers in Pharmacology, 2022, 13, 786141.	1.6	11
7	Psychoactive Effects of Lactobacillus johnsonii BS15 on Preventing Memory Dysfunction Induced by Acute Ethanol Exposure Through Modulating Intestinal Microenvironment and Improving Alcohol Metabolic Level. Frontiers in Microbiology, 2022, 13, 847468.	1.5	5
8	Effective cross-protection of a lyophilized live gE/gI/TK-deleted pseudorabies virus (PRV) vaccine against classical and variant PRV challenges. Veterinary Microbiology, 2022, 267, 109387.	0.8	9
9	Epigallocatechin-3-Gallate Ameliorates Acute Lung Damage by Inhibiting Quorum-Sensing-Related Virulence Factors of Pseudomonas aeruginosa. Frontiers in Microbiology, 2022, 13, 874354.	1.5	3
10	Dual-Mode Immunosensor for Electrochemiluminescence Resonance Energy Transfer and Electrochemical Detection of Rabies Virus Glycoprotein Based on Ru(bpy)‹sub›3‹/sub›‹sup›2+‹/sup›-Loaded Dendritic Mesoporous Silica Nanoparticles. Analytical Chemistry, 2022, 94, 7655-7664.	3.2	32
11	Silver Nanoparticles Induced Oxidative Stress and Mitochondrial Injuries Mediated Autophagy in HC11 Cells Through Akt/AMPK/mTOR Pathway. Biological Trace Element Research, 2021, 199, 1062-1073.	1.9	23
12	Nickel carcinogenesis mechanism: cell cycle dysregulation. Environmental Science and Pollution Research, 2021, 28, 4893-4901.	2.7	19
13	Copper induces hepatocyte autophagy via the mammalian targets of the rapamycin signaling pathway in mice. Ecotoxicology and Environmental Safety, 2021, 208, 111656.	2.9	9
14	Next-generation sequencing for the genetic characterization of Maedi/Visna virus isolated from the northwest of China. Journal of Veterinary Science, 2021, 22, e66.	0.5	2
15	Epigallocatechin-3-gallate reduces liver and immune system damage in Acinetobacter baumannii-loaded mice with restraint stress. International Immunopharmacology, 2021, 92, 107346.	1.7	3
16	Comparison of lncRNA and mRNA expression in mouse brains infected by a wild-type and a lab-attenuated Rabies lyssavirus. Journal of General Virology, 2021, 102, .	1.3	8
17	Antimicrobial resistance and genotyping of Staphylococcus aureus obtained from food animals in Sichuan Province, China. BMC Veterinary Research, 2021, 17, 177.	0.7	16
18	TGF-Î²1-induced EMT activation via both Smad-dependent and MAPK signaling pathways in Cu-induced pulmonary fibrosis. Toxicology and Applied Pharmacology, 2021, 418, 115500.	1.3	32

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19	EGCG-Mediated Potential Inhibition of Biofilm Development and Quorum Sensing in Pseudomonas aeruginosa. International Journal of Molecular Sciences, 2021, 22, 4946.	1.8	21
20	Strategies for Interfering With Bacterial Early Stage Biofilms. Frontiers in Microbiology, 2021, 12, 675843.	1.5	35
21	Identification and expression pattern analysis of miRNAs in pectoral muscle during pigeon (Columba) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	1
22	Cu-induced spermatogenesis disease is related to oxidative stress-mediated germ cell apoptosis and DNA damage. Journal of Hazardous Materials, 2021, 416, 125903.	6.5	32
23	Paeonol Attenuates Quorum-Sensing Regulated Virulence and Biofilm Formation in Pseudomonas aeruginosa. Frontiers in Microbiology, 2021, 12, 692474.	1.5	21
24	Autophagy was activated against the damages of placentas caused by nano-copper oral exposure. Ecotoxicology and Environmental Safety, 2021, 220, 112364.	2.9	8
25	Copper exposure induces hepatic G0/G1 cell-cycle arrest through suppressing the Ras/PI3K/Akt signaling pathway in mice. Ecotoxicology and Environmental Safety, 2021, 222, 112518.	2.9	10
26	Chitosan-poloxamer-based thermosensitive hydrogels containing zinc gluconate/recombinant human epidermal growth factor benefit for antibacterial and wound healing. Materials Science and Engineering C, 2021, 130, 112450.	3.8	33
27	PABPC4 Broadly Inhibits Coronavirus Replication by Degrading Nucleocapsid Protein through Selective Autophagy. Microbiology Spectrum, 2021, 9, e0090821.	1.2	26
28	Oral exposure of pregnant rats to copper nanoparticles caused nutritional imbalance and liver dysfunction in fetus. Ecotoxicology and Environmental Safety, 2020, 206, 111206.	2.9	16
29	A novel rabies vaccine based on infectious propagating particles derived from hybrid VEEV-Rabies replicon. EBioMedicine, 2020, 56, 102819.	2.7	15
30	Immunotoxicity of nickel: Pathological and toxicological effects. Ecotoxicology and Environmental Safety, 2020, 203, 111006.	2.9	29
31	Optimization Extraction of Shikonin Using Ultrasound-Assisted Response Surface Methodology and Antibacterial Studies. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-10.	0.5	16
32	MicroRNA expression profiling reveals potential roles for microRNA in the liver during pigeon (Columba livia) development. Poultry Science, 2020, 99, 6378-6389.	1.5	6
33	Evaluation of the synergetic effect of Yupingfeng san and Flos Sophorae Immaturus based on free radical scavenging capacity. Biomedicine and Pharmacotherapy, 2020, 128, 110265.	2.5	8
34	Pomegranate-Inspired Silica Nanotags Enable Sensitive Dual-Modal Detection of Rabies Virus Nucleoprotein. Analytical Chemistry, 2020, 92, 8802-8809.	3.2	32
35	Epigallocatechin-3-gallate protects immunity and liver drug-metabolism function in mice loaded with restraint stress. Biomedicine and Pharmacotherapy, 2020, 129, 110418.	2.5	9
36	Copper induces hepatic inflammatory responses by activation of MAPKs and NF-Î¹B signalling pathways in the mouse. Ecotoxicology and Environmental Safety, 2020, 201, 110806.	2.9	38

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37	Copper Induces Oxidative Stress and Apoptosis in the Mouse Liver. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-20.	1.9	42
38	Synthesis, Characterization, and Pharmacodynamics Study of Enrofloxacin Mesylate . Drug Design, Development and Therapy, 2020, Volume 14, 715-730.	2.0	10
39	Low oxygen concentrations improve yak oocyte maturation and enhance the developmental competence of preimplantation embryos. Theriogenology, 2020, 156, 46-58.	0.9	11
40	Casein nanoparticles as oral delivery carriers of mequindox for the improved bioavailability. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111221.	2.5	24
41	Copper sulfate-induced endoplasmic reticulum stress promotes hepatic apoptosis by activating CHOP, JNK and caspase-12 signaling pathways. Ecotoxicology and Environmental Safety, 2020, 191, 110236.	2.9	49
42	Oxidative stress, apoptosis and inflammatory responses involved in copper-induced pulmonary toxicity in mice. Aging, 2020, 12, 16867-16886.	1.4	27
43	Isolation and evolutionary analyses of porcine epidemic diarrhea virus in Asia. PeerJ, 2020, 8, e10114.	0.9	11
44	Sodium Fluoride (NaF) Induces Inflammatory Responses Via Activating MAPKs/NF-Î¹B Signaling Pathway and Reducing Anti-inflammatory Cytokine Expression in the Mouse Liver. Biological Trace Element Research, 2019, 189, 157-171.	1.9	32
45	Sodium fluoride impairs splenic innate immunity via inactivation of TLR2/MyD88 signaling pathway in mice. Chemosphere, 2019, 237, 124437.	4.2	8
46	A Recombinant Rabies Virus Expressing Fms-like Tyrosine Kinase 3 Ligand (Flt3L) Induces Enhanced Immunogenicity in Mice. Virologica Sinica, 2019, 34, 662-672.	1.2	14
47	Nickel Carcinogenesis Mechanism: DNA Damage. International Journal of Molecular Sciences, 2019, 20, 4690.	1.8	83
48	The Toxic Effects and Mechanisms of Nano-Cu on the Spleen of Rats. International Journal of Molecular Sciences, 2019, 20, 1469.	1.8	41
49	EV71 infection induces neurodegeneration via activating TLR7 signaling and IL-6 production. PLoS Pathogens, 2019, 15, e1008142.	2.1	56
50	Codon optimization of G protein enhances rabies virus-induced humoral immunity. Journal of General Virology, 2019, 100, 1222-1233.	1.3	10
51	Nickel induces inflammatory activation via NF-Î¹B, MAPKs, IRF3 and NLRP3 inflammasome signaling pathways in macrophages. Aging, 2019, 11, 11659-11672.	1.4	28
52	Toltrazuril mixed nanomicelle delivery system based on sodium deoxycholateâ€“Brij C20 polyethylene etherâ€“triton x100: Characterization, solubility, and bioavailability study. Colloids and Surfaces B: Biointerfaces, 2018, 163, 125-132.	2.5	8
53	Dihydromyricetin sensitizes human acute myeloid leukemia cells to retinoic acid-induced myeloid differentiation by activating STAT1. Biochemical and Biophysical Research Communications, 2018, 495, 1702-1707.	1.0	10
54	Sodium Fluoride Arrests Renal G2/M Phase Cell-Cycle Progression by Activating ATM-Chk2-P53/Cdc25C Signaling Pathway in Mice. Cellular Physiology and Biochemistry, 2018, 51, 2421-2433.	1.1	30

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55	A mini review of fluoride-induced apoptotic pathways. Environmental Science and Pollution Research, 2018, 25, 33926-33935.	2.7	27
56	The mitochondrial pathway is involved in sodium fluoride (NaF)-induced renal apoptosis in mice. Toxicology Research, 2018, 7, 792-808.	0.9	24
57	Inflammatory responses and inflammation-associated diseases in organs. Oncotarget, 2018, 9, 7204-7218.	0.8	2,597
58	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. Aging, 2018, 10, 1649-1665.	1.4	25
59	Sodium fluoride causes hepatocellular S-phase arrest by activating ATM-p53-p21 and ATR-Chk1-Cdc25A pathways in mice. Oncotarget, 2018, 9, 4318-4337.	0.8	20
60	The ectodomain of rabies virus glycoprotein determines dendritic cell activation. Antiviral Research, 2017, 141, 1-6.	1.9	20
61	Double-coated enrofloxacin microparticles with chitosan and alginate: Preparation, characterization and taste-masking effect study. Carbohydrate Polymers, 2017, 170, 247-253.	5.1	18
62	A novel method for synthesis of Î±-spinasterol and its antibacterial activities in combination with ceftiofur. FÃ¬toterapÃ¬Ã¢, 2017, 119, 12-19.	1.1	8
63	Antiviral properties of resveratrol against pseudorabies virus are associated with the inhibition of IÎºB kinase activation. Scientific Reports, 2017, 7, 8782.	1.6	49
64	Optimization of the ultrasound-assisted extraction of antioxidant phloridzin fromLithocarpus polystachyusRehd. using response surface methodology. Journal of Separation Science, 2017, 40, 4329-4337.	1.3	22
65	Recombinant rabies virus expressing IL-15 enhances immunogenicity through promoting the activation of dendritic cells in mice. Virologica Sinica, 2017, 32, 317-327.	1.2	12
66	iTRAQ-based quantitative proteomic analysis reveals multiple effects of Emodin to Haemophilus parasuis. Journal of Proteomics, 2017, 166, 39-47.	1.2	12
67	Safety pharmacology and subchronic toxicity of jinqing granules in rats. BMC Veterinary Research, 2017, 13, 179.	0.7	10
68	Sodium fluoride induces renal inflammatory responses by activating NF-ÎºB signaling pathway and reducing anti-inflammatory cytokine expression in mice. Oncotarget, 2017, 8, 80192-80207.	0.8	36
69	Histopathological findings of renal tissue induced by oxidative stress due to different concentrations of fluoride. Oncotarget, 2017, 8, 50430-50446.	0.8	35
70	Effects of sodium fluoride on blood cellular and humoral immunity in mice. Oncotarget, 2017, 8, 85504-85515.	0.8	20
71	Renal-targeted delivery of triptolide by entrapment in pegylated TRX-20-modified liposomes. International Journal of Nanomedicine, 2017, Volume 12, 5673-5686.	3.3	28
72	TLR7 Deficiency Leads to TLR8 Compensative Regulation of Immune Response against JEV in Mice. Frontiers in Immunology, 2017, 8, 160.	2.2	35

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73	The Effects of Formaldehyde on Cytochrome P450 Isoform Activity in Rats. BioMed Research International, 2017, 2017, 1-7.	0.9	6
74	Sodium fluoride causes oxidative stress and apoptosis in the mouse liver. Aging, 2017, 9, 1623-1639.	1.4	92
75	Sodium fluoride induces apoptosis in mouse splenocytes by activating ROS-dependent NF-Î¹B signaling. Oncotarget, 2017, 8, 114428-114441.	0.8	21
76	Sodium fluoride (NaF) causes toxic effects on splenic development in mice. Oncotarget, 2017, 8, 4703-4717.	0.8	31
77	The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN-Î² antagonizing mechanism: attenuation of PACT-mediated RIG-I/MDA5 activation. Oncotarget, 2017, 8, 49655-49670.	0.8	50
78	Sodium fluoride induces apoptosis in cultured splenic lymphocytes from mice. Oncotarget, 2016, 7, 67880-67900.	0.8	29
79	Structural basis for the dimerization and substrate recognition specificity of porcine epidemic diarrhea virus 3C-like protease. Virology, 2016, 494, 225-235.	1.1	39
80	Oxidative stress and inflammatory responses involved in dietary nickel chloride (NiCl₂)-induced pulmonary toxicity in broiler chickens. Toxicology Research, 2016, 5, 1421-1433.	0.9	18
81	In vitro and in vivo bactericidal activity of Tinospora sagittata (Oliv.) Gagnep. var. craveniana (S.Y.Hu) Lo and its main effective component, palmatine, against porcine Helicobacter pylori. BMC Complementary and Alternative Medicine, 2016, 16, 331.	3.7	26
82	Rabies virus phosphoprotein interacts with ribosomal protein L9 and affects rabies virus replication. Virology, 2016, 488, 216-224.	1.1	30
83	Critical Role of K1685 and K1829 in the Large Protein of Rabies Virus in Viral Pathogenicity and Immune Evasion. Journal of Virology, 2016, 90, 232-244.	1.5	46
84	Crystal structure of the mouse hepatitis virus ns2 phosphodiesterase domain that antagonizes RNase L activation. Journal of General Virology, 2016, 97, 880-886.	1.3	6
85	Recombinant rabies virus expressing IL-21 enhances immunogenicity through activation of T follicular helper cells and germinal centre B cells. Journal of General Virology, 2016, 97, 3154-3160.	1.3	14
86	Nickel chloride (NiCl2) in hepatic toxicity: apoptosis, G2/M cell cycle arrest and inflammatory response. Aging, 2016, 8, 3009-3027.	1.4	33
87	Sodium fluoride (NaF) induces the splenic apoptosis via endoplasmic reticulum (ER) stress pathway in vivo and in vitro. Aging, 2016, 8, 3552-3567.	1.4	46
88	Glutamine deprivation plus BPTES alters etoposide- and cisplatin-induced apoptosis in triple negative breast cancer cells. Oncotarget, 2016, 7, 54691-54701.	0.8	22
89	Suppressive effects of sodium fluoride on cultured splenic lymphocyte proliferation in mice. Oncotarget, 2016, 7, 61905-61915.	0.8	33
90	Nickel chloride-induced apoptosis via mitochondria- and Fas-mediated caspase-dependent pathways in broiler chickens. Oncotarget, 2016, 7, 79747-79760.	0.8	25

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91	Î»-Carrageenan P32 Is a Potent Inhibitor of Rabies Virus Infection. PLoS ONE, 2015, 10, e0140586.	1.1	28
92	Antiviral effect of sulfated Chuanmingshen violaceum polysaccharide in chickens infected with virulent Newcastle disease virus. Virology, 2015, 476, 316-322.	1.1	17
93	Recombinant rabies virus expressing dog GM-CSF is an efficacious oral rabies vaccine for dogs. Oncotarget, 2015, 6, 38504-38516.	0.8	31
94	Effect of Two Macrocephala Flavored Powder supplementation on intestinal morphology and intestinal microbiota in weaning pigs. International Journal of Clinical and Experimental Medicine, 2015, 8, 1504-14.	1.3	4
95	Acute and subchronic toxicity as well as evaluation of safety pharmacology of eucalyptus oil-water emulsions. International Journal of Clinical and Experimental Medicine, 2014, 7, 4835-45.	1.3	7
96	Antiviral activity of sulfated Chuanmingshen violaceum polysaccharide against Newcastle disease virus. Journal of General Virology, 2013, 94, 2164-2174.	1.3	27
97	The Roles of Chemokines in Rabies Virus Infection: Overexpression May Not Always Be Beneficial. Journal of Virology, 2009, 83, 11808-11818.	1.5	80