

Meng Jin

List of Publications by Year in descending order

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45
papers

796
citations

516561

16
h-index

580701

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46
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiotoxicity of sanguinarine via regulating apoptosis and MAPK pathways in zebrafish and HL1 cardiomyocytes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 252, 109228.	1.3	10
2	Neuroprotective effect of YIAEDAER peptide against Parkinson's disease like pathology in zebrafish. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112629.	2.5	13
3	Anti-Parkinson's Disease Activity of <i>Sanguangprou vaninii</i> Extracts in the MPTP-Induced Zebrafish Model. <i>ACS Chemical Neuroscience</i> , 2022, 13, 330-339.	1.7	12
4	Ameliorative effect of <i>Gastrodia elata</i> Blume extracts on depression in zebrafish and cellular models through modulating reticulon 4 receptors and apoptosis. <i>Journal of Ethnopharmacology</i> , 2022, 289, 115018.	2.0	4
5	Localization of neuropeptide receptor NPY4R in rat retina. <i>Neuropeptides</i> , 2022, 93, 102246.	0.9	1
6	Co-treatment with natural HMGB1 inhibitor Glycyrrhizin exerts neuroprotection and reverses Parkinson's disease like pathology in Zebrafish. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115234.	2.0	10
7	Benzo(a)pyrene induces developmental neurotoxicity and injures exploratory, learning and memorizing abilities in zebrafish. <i>Science of the Total Environment</i> , 2022, 834, 155268.	3.9	11
8	Involvement of 5-HT ₂ serotonin receptors in cognitive defects induced by aristolochic acid I in mice. <i>Toxicology</i> , 2021, 447, 152624.	2.0	1
9	Toxicity of different zinc oxide nanomaterials and dose-dependent onset and development of Parkinson's disease-like symptoms induced by zinc oxide nanorods. <i>Environment International</i> , 2021, 146, 106179.	4.8	67
10	Developmental neurotoxicity fingerprint of silica nanoparticles at environmentally relevant level on larval zebrafish using a neurobehavioral-phenomics-based biological warning method. <i>Science of the Total Environment</i> , 2021, 752, 141878.	3.9	11
11	Schaftoside Suppresses Pentylentetrazol-Induced Seizures in Zebrafish via Suppressing Apoptosis, Modulating Inflammation, and Oxidative Stress. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2542-2552.	1.7	26
12	Protective Effect of Chlorogenic Acid and Its Analogues on Lead-Induced Developmental Neurotoxicity Through Modulating Oxidative Stress and Autophagy. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 655549.	1.6	17
13	The possible hormetic effects of fluorene-9-bisphenol on regulating hypothalamic-pituitary-thyroid axis in zebrafish. <i>Science of the Total Environment</i> , 2021, 776, 145963.	3.9	20
14	Developmental toxicity caused by sanguinarine in zebrafish embryos via regulating oxidative stress, apoptosis and wnt pathways. <i>Toxicology Letters</i> , 2021, 350, 71-80.	0.4	24
15	Treatment of Parkinson's disease in Zebrafish model with a berberine derivative capable of crossing blood brain barrier, targeting mitochondria, and convenient for bioimaging experiments. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109151.	1.3	13
16	An ultrasensitive ratiometric fluorescent probe for the detection of Hg ²⁺ and its application in cell and zebrafish. <i>Analytical Methods</i> , 2021, 13, 1043-1048.	1.3	5
17	A novel cell membrane-targeting fluorescent probe for imaging endogenous/exogenous formaldehyde in live cells and zebrafish. <i>Analyst</i> , 2021, 146, 7554-7562.	1.7	7
18	Anticonvulsant activity of melatonin and its success in ameliorating epileptic comorbidity-like symptoms in zebrafish. <i>European Journal of Pharmacology</i> , 2021, 912, 174589.	1.7	6

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19	Involvement of peroxisome proliferator-activated receptor β in anticonvulsant activity of α -asaronol against pentylenetetrazole-induced seizures in zebrafish. <i>Neuropharmacology</i> , 2020, 162, 107760.	2.0	27
20	Zebrafish behavioral phenomics employed for characterizing behavioral neurotoxicity caused by silica nanoparticles. <i>Chemosphere</i> , 2020, 240, 124937.	4.2	39
21	Anti-Inflammation Associated Protective Mechanism of Berberine and its Derivatives on Attenuating Pentylenetetrazole-Induced Seizures in Zebrafish. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 309-325.	2.1	34
22	Anti-Parkinson's disease activity of phenolic acids from <i>Eucommia ulmoides</i> Oliver leaf extracts and their autophagy activation mechanism. <i>Food and Function</i> , 2020, 11, 1425-1440.	2.1	48
23	Synthesis of a novel fluorescent berberine derivative convenient for its subcellular localization study. <i>Bioorganic Chemistry</i> , 2020, 101, 104021.	2.0	6
24	α -asaronol induces cardiac defects and QT prolongation through mitochondrial apoptosis pathway in zebrafish. <i>Toxicology Letters</i> , 2020, 324, 1-11.	0.4	12
25	Synthesis of disaccharide modified berberine derivatives and their anti-diabetic investigation in zebrafish using a fluorescence-based technology. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3563-3574.	1.5	22
26	Possible involvement of TGF β -SMAD-mediated epithelial-mesenchymal transition in pro-metastatic property of PAX6. <i>Oncology Reports</i> , 2020, 44, 555-564.	1.2	7
27	Cellular localization of melatonin receptor Mel1b in pigeon retina. <i>Neuropeptides</i> , 2019, 78, 101974.	0.9	4
28	A new active peptide from <i>Neptunea arthritica cumingii</i> exerts protective effects against gentamicin-induced sensory-hair cell injury in zebrafish. <i>Drug and Chemical Toxicology</i> , 2019, , 1-9.	1.2	6
29	Metabolomics for Biomarker Discovery in Fermented Black Garlic and Potential Bioprotective Responses against Cardiovascular Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12191-12198.	2.4	27
30	Zebrafish neurobehavioral phenomics applied as the behavioral warning methods for fingerprinting endocrine disrupting effect by lead exposure at environmentally relevant level. <i>Chemosphere</i> , 2019, 231, 315-325.	4.2	24
31	Zebrafish behavioral phenomics applied for phenotyping aquatic neurotoxicity induced by lead contaminants of environmentally relevant level. <i>Chemosphere</i> , 2019, 224, 445-454.	4.2	38
32	Synergistic effects of Pb and repeated heat pulse on developmental neurotoxicity in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 460-470.	2.9	35
33	Possible involvement of Fas/FasL-dependent apoptotic pathway in α -bisabolol induced cardiotoxicity in zebrafish embryos. <i>Chemosphere</i> , 2019, 219, 557-566.	4.2	16
34	Gastrodin Suppresses Pentylenetetrazole-Induced Seizures Progression by Modulating Oxidative Stress in Zebrafish. <i>Neurochemical Research</i> , 2018, 43, 904-917.	1.6	41
35	Activation of BDNF-TrkB signaling pathway-regulated brain inflammation in pentylenetetrazole-induced seizures in zebrafish. <i>Fish and Shellfish Immunology</i> , 2018, 83, 26-36.	1.6	32
36	Conditional knockout of retinal determination genes in differentiating cells in <i>Drosophila</i> .	2.2	8

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37	Distinct Biochemical Activities of Eyes absent During Drosophila Eye Development. Scientific Reports, 2016, 6, 23228.	1.6	14
38	Identification of novel direct targets of Drosophila Sine oculis and Eyes absent by integration of genome-wide data sets. Developmental Biology, 2016, 415, 157-167.	0.9	9
39	Drosophila Eyes Absent Is Required for Normal Cone and Pigment Cell Development. PLoS ONE, 2014, 9, e102143.	1.1	15
40	Eyes Absent Tyrosine Phosphatase Activity Is Not Required for Drosophila Development or Survival. PLoS ONE, 2013, 8, e58818.	1.1	16
41	Dynamic evolution of CIKS (TRAF3IP2/Act1) in metazoans. Developmental and Comparative Immunology, 2011, 35, 1186-1192.	1.0	10
42	Evolution of the IL17 receptor family in chordates: a new subfamily IL17REL. Immunogenetics, 2011, 63, 835-845.	1.2	28
43	Comparative and phylogenetic analyses of three TIR domain-containing adaptors in metazoans: Implications for evolution of TLR signaling pathways. Developmental and Comparative Immunology, 2011, 35, 764-773.	1.0	15
44	Localization of Neuropeptide Receptor NPY4R in Rat Retina. SSRN Electronic Journal, 0, , .	0.4	0
45	Eucommia ulmoides Olive Male Flower Extracts Ameliorate Alzheimer's Disease-Like Pathology in Zebrafish via Regulating Autophagy, Acetylcholinesterase, and the Dopamine Transporter. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	5