

# Meng Jin

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

796  
citations

516561

16  
h-index

580701

25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

848  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | Gastrodin Suppresses Pentylentetrazole-Induced Seizures Progression by Modulating Oxidative Stress in Zebrafish. <i>Neurochemical Research</i> , 2018, 43, 904-917.   | 1.6 | 41        |
| 4  | Zebrafish behavioral phenomics employed for characterizing behavioral neurotoxicity caused by silica nanoparticles. <i>Chemosphere</i> , 2020, 240, 124937.   | 4.2 | 39        |
| 5  | 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        |
| 6  | 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        |
| 7  | Anti-Inflammation Associated Protective Mechanism of Berberine and its Derivatives on Attenuating Pentylentetrazole-Induced Seizures in Zebrafish. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 309-325.        | 2.1 | 34        |
| 8  | Activation of BDNF-TrkB signaling pathway-regulated brain inflammation in pentylentetrazole-induced seizures in zebrafish. <i>Fish and Shellfish Immunology</i> , 2018, 83, 26-36.  | 1.6 | 32        |
| 9  | Evolution of the IL17 receptor family in chordates: a new subfamily IL17REL. <i>Immunogenetics</i> , 2011, 63, 835-845.   | 1.2 | 28        |
| 10 | 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        |
| 11 | Involvement of peroxisome proliferator-activated receptor $\beta$ in anticonvulsant activity of $\alpha$ -asarone against pentylentetrazole-induced seizures in zebrafish. <i>Neuropharmacology</i> , 2020, 162, 107760.  | 2.0 | 27        |
| 12 | Schaftoside Suppresses Pentylentetrazole-Induced Seizures in Zebrafish via Suppressing Apoptosis, Modulating Inflammation, and Oxidative Stress. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2542-2552.                  | 1.7 | 26        |
| 13 | 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        |
| 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 | 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        |
| 16 | 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        |
| 17 | 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        |
| 18 | Possible involvement of Fas/FasL-dependent apoptotic pathway in $\alpha$ -bisabolol induced cardiotoxicity in zebrafish embryos. <i>Chemosphere</i> , 2019, 219, 557-566.   | 4.2 | 16        |

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|----|---|-----|-----------|
| 19 | Eyes Absent Tyrosine Phosphatase Activity Is Not Required for Drosophila Development or Survival. PLoS ONE, 2013, 8, e58818.  | 1.1 | 16        |
| 20 | 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        |
| 21 | Drosophila Eyes Absent Is Required for Normal Cone and Pigment Cell Development. PLoS ONE, 2014, 9, e102143.  | 1.1 | 15        |
| 22 | Distinct Biochemical Activities of Eyes absent During Drosophila Eye Development. Scientific Reports, 2016, 6, 23228.   | 1.6 | 14        |
| 23 | 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. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 249, 109151. | 1.3 | 13        |
| 24 | Neuroprotective effect of YIAEDAER peptide against Parkinson's disease like pathology in zebrafish. Biomedicine and Pharmacotherapy, 2022, 147, 112629.   | 2.5 | 13        |
| 25 | Î±-asarone induces cardiac defects and QT prolongation through mitochondrial apoptosis pathway in zebrafish. Toxicology Letters, 2020, 324, 1-11.   | 0.4 | 12        |
| 26 | Anti-Parkinson's Disease Activity of Sanghuangprou vaninii Extracts in the MPTP-Induced Zebrafish Model. ACS Chemical Neuroscience, 2022, 13, 330-339.  | 1.7 | 12        |
| 27 | Developmental neurotoxicity fingerprint of silica nanoparticles at environmentally relevant level on larval zebrafish using a neurobehavioral-phenomics-based biological warning method. Science of the Total Environment, 2021, 752, 141878.   | 3.9 | 11        |
| 28 | Benzo(a)pyrene induces developmental neurotoxicity and injures exploratory, learning and memorizing abilities in zebrafish. Science of the Total Environment, 2022, 834, 155268.  | 3.9 | 11        |
| 29 | Dynamic evolution of CIKS (TRAF3IP2/Act1) in metazoans. Developmental and Comparative Immunology, 2011, 35, 1186-1192.  | 1.0 | 10        |
| 30 | Cardiotoxicity of sanguinarine via regulating apoptosis and MAPK pathways in zebrafish and HL1 cardiomyocytes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 252, 109228.  | 1.3 | 10        |
| 31 | Co-treatment with natural HMGB1 inhibitor Glycyrrhizin exerts neuroprotection and reverses Parkinson's disease like pathology in Zebrafish. Journal of Ethnopharmacology, 2022, 292, 115234.  | 2.0 | 10        |
| 32 | 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         |
| 33 | Conditional knockout of retinal determination genes in differentiating cells in Drosophila. FEBS Journal, 2016, 283, 2754-2766.   | 2.2 | 8         |
| 34 | Possible involvement of TGFÎ²/SMAD-mediated epithelial-mesenchymal transition in pro-metastatic property of PAX6. Oncology Reports, 2020, 44, 555-564.  | 1.2 | 7         |
| 35 | A novel cell membrane-targeting fluorescent probe for imaging endogenous/exogenous formaldehyde in live cells and zebrafish. Analyst, The, 2021, 146, 7554-7562.  | 1.7 | 7         |
| 36 | A new active peptide from Neptunea arthritica cumingii exerts protective effects against gentamicin-induced sensory-hair cell injury in zebrafish. Drug and Chemical Toxicology, 2019, , 1-9.   | 1.2 | 6         |

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|----|---|-----|-----------|
| 37 | Synthesis of a novel fluorescent berberine derivative convenient for its subcellular localization study. <i>Bioorganic Chemistry</i> , 2020, 101, 104021.   | 2.0 | 6         |
| 38 | 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         |
| 39 | An ultrasensitive ratiometric fluorescent probe for the detection of Hg <sup>2+</sup> and its application in cell and zebrafish. <i>Analytical Methods</i> , 2021, 13, 1043-1048.   | 1.3 | 5         |
| 40 | Eucommia ulmoides Olive Male Flower Extracts Ameliorate Alzheimer's Disease-Like Pathology in Zebrafish via Regulating Autophagy, Acetylcholinesterase, and the Dopamine Transporter. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 1.4 | 5         |
| 41 | Cellular localization of melatonin receptor Mel1b in pigeon retina. <i>Neuropeptides</i> , 2019, 78, 101974.  | 0.9 | 4         |
| 42 | 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         |
| 43 | Involvement of 5-HT <sub>2</sub> serotonin receptors in cognitive defects induced by aristolochic acid I in mice. <i>Toxicology</i> , 2021, 447, 152624.  | 2.0 | 1         |
| 44 | Localization of neuropeptide receptor NPY4R in rat retina. <i>Neuropeptides</i> , 2022, 93, 102246.   | 0.9 | 1         |
| 45 | Localization of Neuropeptide Receptor NPY4R in Rat Retina. <i>SSRN Electronic Journal</i> , 0, , .  | 0.4 | 0         |