

# Xi-Fei Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,244  
citations

471509

17  
h-index

414414

32  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1465  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Mitochondriomics reveals the underlying neuroprotective mechanism of TrkB receptor agonist R13 in the 5Å—FAD mice. <i>Neuropharmacology</i> , 2022, 204, 108899.  | 4.1  | 9         |
| 2  | Acrolein, an endogenous aldehyde induces synaptic dysfunction in vitro and in vivo: Involvement of RhoA/ROCK2 pathway. <i>Aging Cell</i> , 2022, 21, e13587.  | 6.7  | 7         |
| 3  | A quantitative proteomic analysis reveals the potential roles of PRDX3 in neurite outgrowth in N2a-APP <sup>swe</sup> cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 604, 144-150.                                   | 2.1  | 4         |
| 4  | Electroacupuncture ameliorates beta-amyloid pathology and cognitive impairment in Alzheimer disease via a novel mechanism involving activation of TFEB (transcription factor EB). <i>Autophagy</i> , 2021, 17, 3833-3847.                       | 9.1  | 64        |
| 5  | Low-Dose Copper Exposure Exacerbates Depression-Like Behavior in ApoE4 Transgenic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.  | 4.0  | 17        |
| 6  | Tetramethylpyrazine Improves Cognitive Impairment and Modifies the Hippocampal Proteome in Two Mouse Models of Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 632843.                                       | 3.7  | 17        |
| 7  | Platelet biomarkers for a descending cognitive function: A proteomic approach. <i>Aging Cell</i> , 2021, 20, e13358.  | 6.7  | 29        |
| 8  | Therapeutic efficacy of novel memantine nitrate MNâ€œ08 in animal models of Alzheimerâ€™s disease. <i>Aging Cell</i> , 2021, 20, e13371.  | 6.7  | 11        |
| 9  | SOD1 is a Possible Predictor of COVID-19 Progression as Revealed by Plasma Proteomics. <i>ACS Omega</i> , 2021, 6, 16826-16836.   | 3.5  | 12        |
| 10 | Platelet biomarkers identifying mild cognitive impairment in type 2 diabetes patients. <i>Aging Cell</i> , 2021, 20, e13469.  | 6.7  | 13        |
| 11 | Loganin substantially ameliorates molecular deficits, pathologies and cognitive impairment in a mouse model of Alzheimerâ€™s disease. <i>Aging</i> , 2021, 13, 23739-23756.   | 3.1  | 8         |
| 12 | Melatonin ameliorates cognitive deficits through improving mitophagy in a mouse model of Alzheimerâ€™s disease. <i>Journal of Pineal Research</i> , 2021, 71, e12774.   | 7.4  | 72        |
| 13 | Manganese exposure causes movement deficit and changes in the protein profile of the external globus pallidus in Sprague Dawley rats. <i>Toxicology and Industrial Health</i> , 2021, 37, 715-726.  | 1.4  | 3         |
| 14 | Adiponectin alleviated Alzheimerâ€™like pathologies via autophagyâ€™lysosomal activation. <i>Aging Cell</i> , 2021, 20, e13514.   | 6.7  | 24        |
| 15 | MAPT/Tau accumulation represses autophagy flux by disrupting IST1-regulated ESCRT-III complex formation: a vicious cycle in Alzheimer neurodegeneration. <i>Autophagy</i> , 2020, 16, 641-658.  | 9.1  | 117       |
| 16 | Ultrasound with microbubbles improves memory, ameliorates pathology and modulates hippocampal proteomic changes in a triple transgenic mouse model of Alzheimer's disease. <i>Theranostics</i> , 2020, 10, 11794-11819.                         | 10.0 | 55        |
| 17 | Melatonin prevents neuroinflammation and relieves depression by attenuating autophagy impairment through FOXO3a regulation. <i>Journal of Pineal Research</i> , 2020, 69, e12667.   | 7.4  | 182       |
| 18 | Proteomic Profile of Mouse Brain Aging Contributions to Mitochondrial Dysfunction, DNA Oxidative Damage, Loss of Neurotrophic Factor, and Synaptic and Ribosomal Proteins. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-21. | 4.0  | 14        |

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|----|--|------|-----------|
| 19 | Proteomic Study Reveals the Involvement of Energy Metabolism in the Fast Antidepressant Effect of (2R, 6R)-Hydroxy Norketamine. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900094.                                  | 1.6  | 5         |
| 20 | Xuesaitong Protects Podocytes from Apoptosis in Diabetic Rats through Modulating PTEN-PDK1-Akt-mTOR Pathway. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-12.   | 2.3  | 11        |
| 21 | Posterior basolateral amygdala to ventral hippocampal CA1 drives approach behaviour to exert an anxiolytic effect. <i>Nature Communications</i> , 2020, 11, 183.   | 12.8 | 82        |
| 22 | Dauricine Attenuates Spatial Memory Impairment and Alzheimer-Like Pathologies by Enhancing Mitochondrial Function in a Mouse Model of Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 624339. | 3.7  | 13        |
| 23 | STAT3 ameliorates cognitive deficits by positively regulating the expression of NMDARs in a mouse model of FTDP-17. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 295.  | 17.1 | 11        |
| 24 | Flavanol-rich lychee fruit extract substantially reduces progressive cognitive and molecular deficits in a triple-transgenic animal model of Alzheimer disease. <i>Nutritional Neuroscience</i> , 2019, 24, 1-15.                | 3.1  | 5         |
| 25 | The dual-functional memantine nitrate MN <sub>08</sub> alleviates cerebral vasospasm and brain injury in experimental subarachnoid haemorrhage models. <i>British Journal of Pharmacology</i> , 2019, 176, 3318-3335.            | 5.4  | 15        |
| 26 | Proteomic analysis reveals the potential neuroprotective effects of tetramethylpyrazine dimer in neuro2a/APPsw cells. <i>RSC Advances</i> , 2019, 9, 18776-18784.  | 3.6  | 1         |
| 27 | Proteomic Profiles of the Early Mitochondrial Changes in APP/PS1 and ApoE4 Transgenic Mice Models of Alzheimer's Disease. <i>Journal of Proteome Research</i> , 2019, 18, 2632-2642.   | 3.7  | 18        |
| 28 | Dysregulation of Myosin Complex and Striated Muscle Contraction Pathway in the Brains of ALS SOD1 Model Mice. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2408-2417.  | 3.5  | 15        |
| 29 | Low-dose oral copper treatment changes the hippocampal phosphoproteomic profile and perturbs mitochondrial function in a mouse model of Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2019, 135, 144-156.      | 2.9  | 40        |
| 30 | Hippocampal Proteomic Alteration in Triple Transgenic Mouse Model of Alzheimer's Disease and Implication of PINK 1 Regulation in Donepezil Treatment. <i>Journal of Proteome Research</i> , 2019, 18, 1542-1552.                 | 3.7  | 31        |
| 31 | Proteomic alterations of brain subcellular organelles caused by low-dose copper exposure: implication for Alzheimer's disease. <i>Archives of Toxicology</i> , 2018, 92, 1363-1382.  | 4.2  | 17        |
| 32 | Hippocampal Subcellular Organelle Proteomic Alteration of Copper-Treated Mice. <i>Toxicological Sciences</i> , 2018, 164, 250-263.   | 3.1  | 11        |
| 33 | The Isoquinoline Alkaloid Dauricine Targets Multiple Molecular Pathways to Ameliorate Alzheimer-Like Pathological Changes <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.                 | 4.0  | 16        |
| 34 | Mitochondrial Molecular Abnormalities Revealed by Proteomic Analysis of Hippocampal Organelles of Mice Triple Transgenic for Alzheimer Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 74.                       | 2.9  | 30        |
| 35 | Identification of Novel Key Molecules Involved in Spatial Memory Impairment in Triple Transgenic Mice of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 3843-3858.   | 4.0  | 22        |
| 36 | Melatonin ameliorates anxiety and depression-like behaviors and modulates proteomic changes in triple transgenic mice of Alzheimer's disease. <i>BioFactors</i> , 2017, 43, 593-611.   | 5.4  | 44        |

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|----|---|-----|-----------|
| 37 | Ginsenoside Rg1 Ameliorates Behavioral Abnormalities and Modulates the Hippocampal Proteomic Change in Triple Transgenic Mice of Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.          | 4.0 | 47        |
| 38 | Movement deficits and neuronal loss in basal ganglia in TRPC1 deficient mice. <i>Oncotarget</i> , 2016, 7, 69337-69346.   | 1.8 | 10        |
| 39 | Spatial memory impairment by TRPC1 depletion is ameliorated by environmental enrichment. <i>Oncotarget</i> , 2016, 7, 27855-27873.  | 1.8 | 17        |
| 40 | Identification of the Key Molecules Involved in Chronic Copper Exposure-Aggravated Memory Impairment in Transgenic Mice of Alzheimer's Disease Using Proteomic Analysis. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 455-469. | 2.6 | 33        |
| 41 | Chronic Copper Exposure Causes Spatial Memory Impairment, Selective Loss of Hippocampal Synaptic Proteins, and Activation of PKR/eIF2 $\alpha$ Pathway in Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1413-1427.        | 2.6 | 27        |
| 42 | Melatonin ameliorates Alzheimer-like pathological changes and spatial memory retention impairment induced by calyculin A. <i>Journal of Psychopharmacology</i> , 2011, 25, 1118-1125.   | 4.0 | 53        |
| 43 | Hyperphosphorylation and Accumulation of Neurofilament Proteins in Transgenic Mice with Alzheimer Presenilin 1 Mutation. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 497-501.  | 3.3 | 12        |