

# Yuan Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

531  
citations

759233

12  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-targeted delivery shuttled by black phosphorus nanostructure to treat Parkinson's disease. <i>Biomaterials</i> , 2020, 260, 120339.	11.4	66
2	Nitric Oxide Interacts with Caveolin-1 to Facilitate Autophagy-Lysosome-Mediated Claudin-5 Degradation in Oxygen-Glucose Deprivation-Treated Endothelial Cells. <i>Molecular Neurobiology</i> , 2016, 53, 5935-5947.	4.0	64
3	A novel HDAC6 inhibitor Tubastatin A: Controls HDAC6-p97/VCP-mediated ubiquitination-autophagy turnover and reverses Temozolomide-induced ER stress-tolerance in GBM cells. <i>Cancer Letters</i> , 2017, 391, 89-99.	7.2	45
4	Upregulation of miR-107 Inhibits Glioma Angiogenesis and VEGF Expression. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 113-120.	3.3	40
5	Homozygous mutation of VPS16 gene is responsible for an autosomal recessive adolescent-onset primary dystonia. <i>Scientific Reports</i> , 2016, 6, 25834.	3.3	36
6	Occludin degradation makes brain microvascular endothelial cells more vulnerable to reperfusion injury in vitro. <i>Journal of Neurochemistry</i> , 2021, 156, 352-366.	3.9	36
7	A Co-Doped Fe <sub>3</sub> O <sub>4</sub> Nanozyme Shows Enhanced Reactive Oxygen and Nitrogen Species Scavenging Activity and Ameliorates the Deleterious Effects of Ischemic Stroke. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46213-46224.	8.0	33
8	A Fully Integrated Flexible Tunable Chemical Sensor Based on Gold-Modified Indium Selenide Nanosheets. <i>ACS Sensors</i> , 2022, 7, 1183-1193.	7.8	29
9	Protein-Carbon Dot Nanohybrid-Based Early Blood-Brain Barrier Damage Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 3445-3452.	8.0	21
10	Furanodienone overcomes temozolomide resistance in glioblastoma through the downregulation of CSPG4-Akt-ERK signalling by inhibiting EGR1-dependent transcription. <i>Phytotherapy Research</i> , 2019, 33, 1736-1747.	5.8	20
11	Au Nanoparticle Modification Induces Charge-Transfer Channels to Enhance the Electrocatalytic Hydrogen Evolution Reaction of InSe Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 2908-2917.	8.0	14
12	MiR-539-5p Decreases amyloid $\beta$ -protein production, hyperphosphorylation of Tau and Memory Impairment by Regulating PI3K/Akt/GSK-3 $\beta$ Pathways in APP/PS1 Double Transgenic Mice. <i>Neurotoxicity Research</i> , 2020, 38, 524-535.	2.7	13
13	Klotho an Autophagy Stimulator as a Potential Therapeutic Target for Alzheimer's Disease: A Review. <i>Biomedicines</i> , 2022, 10, 705.	3.2	13
14	Variants of <i>WNT7A</i> and <i>GPR124</i> are associated with hemorrhagic transformation following intravenous thrombolysis in ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 71-81.	3.9	12
15	Combined Analysis of Surface Protein Profile and microRNA Expression Profile of Exosomes Derived from Brain Microvascular Endothelial Cells in Early Cerebral Ischemia. <i>ACS Omega</i> , 2021, 6, 22410-22421.	3.5	12
16	Santacruzamate A Ameliorates AD-Like Pathology by Enhancing ER Stress Tolerance Through Regulating the Functions of KDEL and Mia40-ALR in vivo and in vitro. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 61.	3.7	10
17	Two-dimensional gold decorated indium selenide for near-infrared and mid-infrared ultrafast photonics. <i>Optics and Laser Technology</i> , 2022, 150, 107920.	4.6	10
18	Normobaric hyperoxia retards the evolution of ischemic brain tissue toward infarction in a rat model of transient focal cerebral ischemia. <i>Neurological Research</i> , 2016, 38, 75-79.	1.3	9

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19	Enolase-phosphatase 1 as a novel potential malignant glioma indicator promotes cell proliferation and migration. <i>Oncology Reports</i> , 2018, 40, 2233-2241.	2.6	8
20	Silencing PAQR3 protects against oxygen-glucose deprivation/reperfusion-induced neuronal apoptosis via activation of PI3K/AKT signaling in PC12 cells. <i>Life Sciences</i> , 2021, 265, 118806.	4.3	7
21	NADPH oxidase 2 does not contribute to early reperfusion-associated reactive oxygen species generation following transient focal cerebral ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 1773.	3.0	7
22	Intranasal 15d-PGJ2 ameliorates brain glucose hypometabolism via PPAR $\delta$ -dependent activation of PGC-1 $\alpha$ /GLUT4 signalling in APP/PS1 transgenic mice. <i>Neuropharmacology</i> , 2021, 196, 108685.	4.1	6
23	A novel DPP-4 inhibitor Gramicyclin A attenuates cognitive deficits in APP/PS1/tau triple transgenic mice via enhancing brain GLP-1-dependent glucose uptake. <i>Phytotherapy Research</i> , 2022, 36, 1297-1309.	5.8	6
24	Indium selenide for Q-switched pulse generation in a mid-infrared fiber laser. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5893-5898.	5.5	5
25	Pathogenesis of sepsis-associated encephalopathy: more than blood-brain barrier dysfunction. <i>Molecular Biology Reports</i> , 2022, 49, 10091-10099.	2.3	5
26	A novel natural PPAR $\delta$ agonist, Gypenoside LXXV, ameliorates cognitive deficits by enhancing brain glucose uptake via the activation of Akt/GLUT4 signaling in db/db mice. <i>Phytotherapy Research</i> , 2022, 36, 1770-1784.	5.8	4