

# Zhihui Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,827  
citations

394421

19  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic cerebral hypoperfusion and blood-brain barrier disruption in uninjured brain areas of rhesus monkeys subjected to transient ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1335-1346.	4.3	6
2	Evaluating blood-brain barrier disruption and infarction volume concurrently in rats subjected to ischemic stroke using an optical imaging system. <i>Journal of Neuroscience Methods</i> , 2022, 378, 109630.	2.5	2
3	Pyrene-tiaraed pillar[5]arene: Strong intramolecular excimer emission applicable for photo-writing. <i>Chinese Chemical Letters</i> , 2021, 32, 345-348.	9.0	35
4	Overttemperature-protection intelligent molecular chiroptical photoswitches. <i>Nature Communications</i> , 2021, 12, 2600.	12.8	66
5	<p></p>The Effects of Gold Nanoparticles on Leydig Cells and Male Reproductive Function in Mice</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9499-9514.	6.7	25
6	Highly efficient removal of cationic, anionic and neutral dyes by hierarchically porous structured three-dimensional magnetic sulfur/nitrogen co-doped reduced graphene oxide nanohybrid. <i>Journal of Water Process Engineering</i> , 2020, 37, 101345.	5.6	21
7	Potential effects of antibioticâ€induced gut microbiome alteration on bloodâ€brain barrier permeability compromise in rhesus monkeys. <i>Annals of the New York Academy of Sciences</i> , 2020, 1470, 14-24.	3.8	28
8	Redoxâ€Triggered Chirality Switching and Guestâ€Capture/Release with a Pillar[6]areneâ€Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8094-8098.	13.8	89
9	Redoxâ€Triggered Chirality Switching and Guestâ€Capture/Release with a Pillar[6]areneâ€Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2020, 132, 8171-8175.	2.0	20
10	Precise Manipulation of Temperatureâ€Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12526-12537.	3.3	30
11	Precise Manipulation of Temperatureâ€Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12451-12451.	3.3	2
12	<p></p>Size- and cell type-dependent cellular uptake, cytotoxicity and in vivo distribution of gold nanoparticles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6957-6970.	6.7	94
13	Switched enantioselectivity by solvent components and temperature in photocyclodimerization of 2-anthracenecarboxylate with 6 A ,6 X -diguanidinoâ€ Î³ -cyclodextrins. <i>Chinese Chemical Letters</i> , 2018, 29, 87-90.	9.0	32
14	3D graphene/hydroxypropyl-Î²-cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12822-12829.	5.5	76
15	Supramolecular Assemblyâ€Improved Tripletâ€Triplet Annihilation Upconversion in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 16677-16685.	3.3	29
16	Temporal analysis of bloodâ€brain barrier disruption and cerebrospinal fluid matrix metalloproteinases in rhesus monkeys subjected to transient ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2963-2974.	4.3	28
17	Bloodâ€spinal cord barrier disruption contributes to early motor-neuron degeneration in ALS-model mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1035-42.	7.1	188
18	Protein S blocks the extrinsic apoptotic cascade in tissue plasminogen activator/N-methyl D-aspartate-treated neurons via Tyro3-Akt-FKHRL1 signaling pathway. <i>Molecular Neurodegeneration</i> , 2011, 6, 13.	10.8	27

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19	Microhemorrhages: Undetectable but clinically meaningful the question persists. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 231-232.	2.1	2
20	Protein S controls hypoxic/ischemic blood-brain barrier disruption through the TAM receptor Tyro3 and sphingosine 1-phosphate receptor. Blood, 2010, 115, 4963-4972.	1.4	95
21	Protein S Protects Neurons from Excitotoxic Injury by Activating the TAM Receptor Tyro3â€“Phosphatidylinositol 3-Kinaseâ€“Akt Pathway through Its Sex Hormone-Binding Globulin-Like Region. Journal of Neuroscience, 2010, 30, 15521-15534.	3.6	57
22	Endothelial Protein C Receptor-Assisted Transport of Activated Protein C across the Mouse Bloodâ€“Brain Barrier. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 25-33.	4.3	64
23	Activated protein C therapy slows ALS-like disease in mice by transcriptionally inhibiting SOD1 in motor neurons and microglia cells. Journal of Clinical Investigation, 2009, 119, 3437-49.	8.2	158
24	ALS-causing SOD1 mutants generate vascular changes prior to motor neuron degeneration. Nature Neuroscience, 2008, 11, 420-422.	14.8	409
25	Activated protein C inhibits tissue plasminogen activatorâ€“induced brain hemorrhage. Nature Medicine, 2006, 12, 1278-1285.	30.7	243