

# Zhihui Zhong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10686809/publications.pdf>

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	ALS-causing SOD1 mutants generate vascular changes prior to motor neuron degeneration. <i>Nature Neuroscience</i> , 2008, 11, 420-422.	14.8	409
2	Activated protein C inhibits tissue plasminogen activator-induced brain hemorrhage. <i>Nature Medicine</i> , 2006, 12, 1278-1285.	30.7	243
3	Blood-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
4	Activated protein C therapy slows ALS-like disease in mice by transcriptionally inhibiting SOD1 in motor neurons and microglia cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 3437-49.	8.2	158
5	Protein S controls hypoxic/ischemic blood-brain barrier disruption through the TAM receptor Tyro3 and sphingosine 1-phosphate receptor. <i>Blood</i> , 2010, 115, 4963-4972.	1.4	95
6	Size- and cell type-dependent cellular uptake, cytotoxicity and in vivo distribution of gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6957-6970.	6.7	94
7	Redox-Triggered Chirality Switching and Guest Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8094-8098.	13.8	89
8	3D graphene/hydroxypropyl- $\beta$ -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
9	Overttemperature-protection intelligent molecular chiroptical photoswitches. <i>Nature Communications</i> , 2021, 12, 2600.	12.8	66
10	Endothelial Protein C Receptor-Assisted Transport of Activated Protein C across the Mouse Blood-Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 25-33.	4.3	64
11	Protein S Protects Neurons from Excitotoxic Injury by Activating the TAM Receptor Tyro3-Phosphatidylinositol 3-Kinase-Akt Pathway through Its Sex Hormone-Binding Globulin-Like Region. <i>Journal of Neuroscience</i> , 2010, 30, 15521-15534.	3.6	57
12	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
13	Switched enantioselectivity by solvent components and temperature in photocyclodimerization of 2-anthracenecarboxylate with 6 A ,6 X -diguandio- $\beta$ -cyclodextrins. <i>Chinese Chemical Letters</i> , 2018, 29, 87-90.	9.0	32
14	Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. <i>Chemistry - A European Journal</i> , 2019, 25, 12526-12537.	3.3	30
15	Supramolecular Assembly-Improved Triplet-Triplet Annihilation Upconversion in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 16677-16685.	3.3	29
16	Temporal analysis of blood-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	Potential effects of antibiotic-induced gut microbiome alteration on blood-brain barrier permeability compromise in rhesus monkeys. <i>Annals of the New York Academy of Sciences</i> , 2020, 1470, 14-24.	3.8	28
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	<p></p>The Effects of Gold Nanoparticles on Leydig Cells and Male Reproductive Function in Mice</p></p>. International Journal of Nanomedicine, 2020, Volume 15, 9499-9514.	6.7	25
20	Highly efficient removal of cationic, anionic and neutral dyes by hierarchically porous structured three-dimensional magnetic sulfur/nitrogen co-doped reduced graphene oxide nanohybrid. Journal of Water Process Engineering, 2020, 37, 101345.	5.6	21
21	Redox-Triggered Chirality Switching and Guest-Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. Angewandte Chemie, 2020, 132, 8171-8175.	2.0	20
22	Chronic cerebral hypoperfusion and blood-brain barrier disruption in uninjured brain areas of rhesus monkeys subjected to transient ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1335-1346.	4.3	6
23	Microhemorrhages: Undetectable but clinically meaningful the question persists. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 231-232.	2.1	2
24	Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. Chemistry - A European Journal, 2019, 25, 12451-12451.	3.3	2
25	Evaluating blood-brain barrier disruption and infarction volume concurrently in rats subjected to ischemic stroke using an optical imaging system. Journal of Neuroscience Methods, 2022, 378, 109630.	2.5	2