

# Wenhui Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2329744/publications.pdf>

Version: 2024-02-01

23  
papers

1,452  
citations

471061

17  
h-index

642321

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid $\beta^2$ oligomers constrict human capillaries in Alzheimer's disease via signaling to pericytes. <i>Science</i> , 2019, 365, .	6.0	436
2	Oligodendroglial NMDA Receptors Regulate Glucose Import and Axonal Energy Metabolism. <i>Neuron</i> , 2016, 91, 119-132.	3.8	381
3	Novel NG2-CreERT2 knock-in mice demonstrate heterogeneous differentiation potential of NG2 glia during development. <i>Glia</i> , 2014, 62, 896-913.	2.5	145
4	Silencing microRNA-143 protects the integrity of the blood-brain barrier: implications for methamphetamine abuse. <i>Scientific Reports</i> , 2016, 6, 35642.	1.6	58
5	Enteric Glia: S100, GFAP, and Beyond. <i>Anatomical Record</i> , 2019, 302, 1333-1344.	0.8	48
6	$\beta^1$ Integrin-mediated Effects of Tenascin-R Domains EGFL and FN6-8 on Neural Stem/Progenitor Cell Proliferation and Differentiation in Vitro. <i>Journal of Biological Chemistry</i> , 2008, 283, 27927-27936.	1.6	30
7	Acute brain injuries trigger microglia as an additional source of the proteoglycan NG2. <i>Acta Neuropathologica Communications</i> , 2020, 8, 146.	2.4	30
8	Early embryonic NG2 glia are exclusively gliogenic and do not generate neurons in the brain. <i>Glia</i> , 2019, 67, 1094-1103.	2.5	29
9	During Development NG2 Glial Cells of the Spinal Cord are Restricted to the Oligodendrocyte Lineage, but Generate Astrocytes upon Acute Injury. <i>Neuroscience</i> , 2018, 385, 154-165.	1.1	28
10	Clemastine Ameliorates Myelin Deficits via Preventing Senescence of Oligodendrocytes Precursor Cells in Alzheimer's Disease Model Mouse. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 733945.	1.8	28
11	Impaired bidirectional communication between interneurons and oligodendrocyte precursor cells affects social cognitive behavior. <i>Nature Communications</i> , 2022, 13, 1394.	5.8	28
12	Caspr Controls the Temporal Specification of Neural Progenitor Cells through Notch Signaling in the Developing Mouse Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, bhv318.	1.6	26
13	Absence of TRIM32 Leads to Reduced GABAergic Interneuron Generation and Autism-like Behaviors in Mice via Suppressing mTOR Signaling. <i>Cerebral Cortex</i> , 2020, 30, 3240-3258.	1.6	24
14	Astrocytic $\gamma$ expression provoked by ischemic stroke exacerbates the blood-brain barrier disruption. <i>Glia</i> , 2022, 70, 892-912.	2.5	22
15	Crosstalk between the epidermal growth factor-like repeats/fibronectin 6-8 repeats domains of Tenascin-R and microglia modulates neural stem/progenitor cell proliferation and differentiation. <i>Journal of Neuroscience Research</i> , 2008, 86, 27-34.	1.3	20
16	Genetic Background Affects Human Glial Fibrillary Acidic Protein Promoter Activity. <i>PLoS ONE</i> , 2013, 8, e66873.	1.1	19
17	Nerve/glia antigen (NG) 2 is a crucial regulator of intercellular adhesion molecule (ICAM)-1 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 57-66.	1.9	19
18	Clemastine attenuates AD-like pathology in an AD model mouse via enhancing mTOR-mediated autophagy. <i>Experimental Neurology</i> , 2021, 342, 113742.	2.0	18

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19	Tenascin-R distinct domains modulate migration of neural stem/progenitor cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 10-14.	0.7	16
20	Pen-2 Negatively Regulates the Differentiation of Oligodendrocyte Precursor Cells into Astrocytes in the Central Nervous System. <i>Journal of Neuroscience</i> , 2021, 41, 4976-4990.	1.7	13
21	Progenies of NG2 glia: what do we learn from transgenic mouse models ?. <i>Neural Regeneration Research</i> , 2021, 16, 43.	1.6	11
22	Growth Factors from Tumor Microenvironment Possibly Promote the Proliferation of Glioblastoma-Derived Stem-like Cells in Vitro. <i>Pathology and Oncology Research</i> , 2012, 18, 1047-1057.	0.9	9
23	L-Type Ca <sup>2+</sup> Channels of NG2 Glia Determine Proliferation and NMDA Receptor-Dependent Plasticity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759477.	1.8	9