

# Chengyu Zou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5168660/publications.pdf>

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13  
papers

1,185  
citations

687363

13  
h-index

1125743

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docs citations

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times ranked

2210  
citing authors

#	ARTICLE	IF	CITATIONS
1	TBK1 Suppresses RIPK1-Driven Apoptosis and Inflammation during Development and in Aging. <i>Cell</i> , 2018, 174, 1477-1491.e19.	28.9	291
2	RIPK1 mediates a disease-associated microglial response in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8788-E8797.	7.1	265
3	Analyzing dendritic spine pathology in Alzheimer's disease: problems and opportunities. <i>Acta Neuropathologica</i> , 2015, 130, 1-19.	7.7	154
4	Single-Cell RNA Sequencing: Unraveling the Brain One Cell at a Time. <i>Trends in Molecular Medicine</i> , 2017, 23, 563-576.	6.7	111
5	Osteopontin Promotes Mesenchymal Stem Cell Migration and Lessens Cell Stiffness via Integrin $\beta$ 1, FAK, and ERK Pathways. <i>Cell Biochemistry and Biophysics</i> , 2013, 65, 455-462.	1.8	88
6	Neuroinflammation impairs adaptive structural plasticity of dendritic spines in a preclinical model of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 131, 235-246.	7.7	53
7	Intraneuronal APP and extracellular $A\beta$ independently cause dendritic spine pathology in transgenic mouse models of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015, 129, 909-920.	7.7	49
8	Amyloid precursor protein maintains constitutive and adaptive plasticity of dendritic spines in adult brain by regulating $\text{Ca}^{2+}$ homeostasis. <i>EMBO Journal</i> , 2016, 35, 2213-2222.	7.8	46
9	A RIPK1-regulated inflammatory microglial state in amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
10	Genetic Regulation of RIPK1 and Necroptosis. <i>Annual Review of Genetics</i> , 2021, 55, 235-263.	7.6	28
11	Reduction of mNAT1/hNAT2 Contributes to Cerebral Endothelial Necroptosis and $A\beta$ Accumulation in Alzheimer's Disease. <i>Cell Reports</i> , 2020, 33, 108447.	6.4	26
12	NEK1-mediated retromer trafficking promotes blood-brain barrier integrity by regulating glucose metabolism and RIPK1 activation. <i>Nature Communications</i> , 2021, 12, 4826.	12.8	20
13	Nuclear RIPK1 promotes chromatin remodeling to mediate inflammatory response. <i>Cell Research</i> , 2022, 32, 621-637.	12.0	18