Soyon Hong

List of Publications by Year
in descending order

26 papers	5,709 citations	361413 20 h-index	580821 25 g-index
38 all docs	38 docs citations	38 times ranked	8939 citing authors

#	Article	IF	Citations
1	Dissection of artifactual and confounding glial signatures by single-cell sequencing of mouse and human brain. Nature Neuroscience, 2022, 25, 306-316.	14.8	166
2	Understanding microglial diversity and implications for neuronal function in health and disease. Developmental Neurobiology, 2021, 81, 507-523.	3.0	29
3	Insight into the role of phosphatidylserine in complement-mediated synapse loss in Alzheimerâ€™s disease. Faculty Reviews, 2021, 10, 19.	3.9	17
4	Research priorities for neuroimmunology: identifying the key research questions to be addressed by 2030. Wellcome Open Research, 2021, 6, 194.	1.8	5
5	The Jekyll and Hyde of TREM2. Trends in Neurosciences, 2020, 43, 739-740.	8.6	8
6	Microglia modulate neurodegeneration in Alzheimerâ€™s and Parkinsonâ€™s diseases. Science, 2020, 370, 66-69.	12.6	220
7	Complement C3 deficiency protects against neurodegeneration in aged plaque-rich APP/PS1 mice. Science Translational Medicine, 2017, 9, .	12.4	401
8	Structured Illumination Microscopy for the Investigation of Synaptic Structure and Function. Methods in Molecular Biology, 2017, 1538, 155-167.	0.9	13
9	TREM2: Keeping Microglia Fit during Good Times and Bad. Cell Metabolism, 2017, 26, 590-591.	16.2	8
10	Complement and microglia mediate early synapse loss in Alzheimer mouse models. Science, 2016, 352, 712-716.	12.6	2,237
11	Microglia: Phagocytosing to Clear, Sculpt, and Eliminate. Developmental Cell, 2016, 38, 126-128.	7.0	80
12	New insights on the role of microglia in synaptic pruning in health and disease. Current Opinion in Neurobiology, 2016, 36, 128-134.	4.2	431
13	Physical and functional interaction between the Î±- and Î³-secretases: A new model of regulated intramembrane proteolysis. Journal of Cell Biology, 2015, 211, 1157-1176.	5.2	52
14	Complement<i>C3</i>-Deficient Mice Fail to Display Age-Related Hippocampal Decline. Journal of Neuroscience, 2015, 35, 13029-13042.	3.6	286
15	New Brain Lymphatic Vessels Drain Old Concepts. EBioMedicine, 2015, 2, 776-777.	6.1	21
16	Soluble AÎ² Oligomers Are Rapidly Sequestered from Brain ISF InÂVivo and Bind GM1 Ganglioside on Cellular Membranes. Neuron, 2014, 82, 308-319.	8.1	174
17	S4-02-03: COMPLEMENT IN ALZHEIMER'S DISEASE: LESSONS FROM C3-DEFICIENT MICE. , 2014, 10, P240-P240.		0
18	New ELISAs with high specificity for soluble oligomers of amyloid Î²â€protein detect natural AÎ² oligomers in human brain but not CSF. Alzheimer's and Dementia, 2013, 9, 99-112.	0.8	103

#	Article	IF	Citations
19	Complement component C3 and complement receptor type 3 contribute to the phagocytosis and clearance of fibrillar AÎ² by microglia. Glia, 2012, 60, 993-1003.	4.9	136
20	Dynamic Analysis of Amyloid Î²-Protein in Behaving Mice Reveals Opposing Changes in ISF versus Parenchymal AÎ² during Age-Related Plaque Formation. Journal of Neuroscience, 2011, 31, 15861-15869.	3.6	95
21	Soluble Oligomers of Amyloid Î² Protein Facilitate Hippocampal Long-Term Depression by Disrupting Neuronal Glutamate Uptake. Neuron, 2009, 62, 788-801.	8.1	818
22	LRP promotes endocytosis and degradation, but not transcytosis, of the amyloid-Î² peptide in a bloodâ€“brain barrier in vitro model. Neurobiology of Disease, 2008, 30, 94-102.	4.4	94
23	Histone Deacetylase Inhibition Modulates Kynurenine Pathway Activation in Yeast, Microglia, and Mice Expressing a Mutant Huntingtin Fragment. Journal of Biological Chemistry, 2008, 283, 7390-7400.	3.4	86
24	Unraveling thrombin's true microglia-activating potential: markedly disparate profiles of pharmaceutical-grade and commercial-grade thrombin preparations. Journal of Neurochemistry, 2005, 95, 1177-1187.	3.9	24
25	Cannabinol delays symptom onset in SOD1 (G93A) transgenic mice without affecting survival. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 182-184.	2.1	86
26	Endocannabinoids accumulate in spinal cord of SOD1 G93A transgenic mice. Journal of Neurochemistry, 2004, 89, 1555-1557.	3.9	93