Hoau-Yan Wang

List of Publications by Year
in descending order

35 papers	5,210 citations	361388 20 h-index	395678 33 g-index
41 all docs	41 docs citations	41 times ranked	7008 citing authors

#	Article	IF	Citations
1	A model of negative emotional contagion between male-female rat dyads: Effects of voluntary exercise on stress-induced behavior and BDNF-TrkB signaling. Physiology and Behavior, 2021, 234, 113286.	2.1	6
2	Brain insulin signaling and cerebrovascular disease in human postmortem brain. Acta Neuropathologica Communications, 2021, 9, 71.	5.2	11
3	Stress Diminishes BDNF-stimulated TrkB Signaling, TrkB-NMDA Receptor Linkage and Neuronal Activity in the Rat Brain. Neuroscience, 2021, 473, 142-158.	2.3	6
4	Brain insulin signaling and cerebrovascular disease in human postmortem brain.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e052253.	0.8	0
5	mGluR5 hypofunction is integral to glutamatergic dysregulation in schizophrenia. Molecular Psychiatry, 2020, 25, 750-760.	7.9	39
6	Developing CNS therapeutics for brain insulin resistance in Alzheimerâ€™s disease (AD) and mild cognitive impairment (MCI). Alzheimer's and Dementia, 2020, 16, e039514.	0.8	0
7	Brain Insulin Signaling, Alzheimer Disease Pathology, and Cognitive Function. Annals of Neurology, 2020, 88, 513-525.	5.3	57
8	Pathway analysis of glutamate-mediated, calcium-related signaling in glioma progression. Biochemical Pharmacology, 2020, 176, 113814.	4.4	39
9	AÎ²42-Î±7-like nicotinic acetylcholine receptors and Alzheimerâ€™s disease. , 2020, , 457-471.		0
10	Insulin and adipokine signaling and their cross-regulation in postmortem human brain. Neurobiology of Aging, 2019, 84, 119-130.	3.1	5
11	Hyperactivated Insulin Signaling Cascade in Human Glioblastoma Cells. Critical Reviews in Oncogenesis, 2019, 24, 243-250.	0.4	2
12	Brain insulin resistance in type 2 diabetes and Alzheimer disease: concepts and conundrums. Nature Reviews Neurology, 2018, 14, 168-181.	10.1	905
13	PTI-125 binds and reverses an altered conformation of filamin A to reduce Alzheimer's disease pathogenesis. Neurobiology of Aging, 2017, 55, 99-114.	3.1	34
14	Altered filamin A enables amyloid beta-induced tau hyperphosphorylation and neuroinflammation in Alzheimerâ€™s disease. Neuroimmunology and Neuroinflammation, 2017, 4, 263.	1.4	17
15	Prenatal Cocaine Exposure Upregulates BDNF-TrkB Signaling. PLoS ONE, 2016, 11, e0160585.	2.5	17
16	Altered G Protein Coupling in Olfactory Neuroepithelial Cells From Patients With Schizophrenia. Schizophrenia Bulletin, 2016, 42, 377-385.	4.3	16
17	Prenatal Cocaine Exposure Uncouples mGluR1 from Homer1 and Gq Proteins. PLoS ONE, 2014, 9, e91671.	2.5	11
18	The nature, significance, and glucagonâ€like peptideâ€1 analog treatment of brain insulin resistance in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, S12-25.	0.8	106

#	Article	IF	Citations
19	Reducing Amyloid-Related Alzheimer's Disease Pathogenesis by a Small Molecule Targeting Filamin A. Journal of Neuroscience, 2012, 32, 9773-9784.	3.6	55
20	Demonstrated brain insulin resistance in Alzheimerâ€™s disease patients is associated with IGF-1 resistance, IRS-1 dysregulation, and cognitive decline. Journal of Clinical Investigation, 2012, 122, 1316-1338.	8.2	1,431
21	Prenatal Cocaine Exposure Increases Synaptic Localization of a Neuronal RasGEF, GRASP-1 via Hyperphosphorylation of AMPAR Anchoring Protein, GRIP. PLoS ONE, 2011, 6, e25019.	2.5	13
22	BDNF-trkB signaling in late life cognitive decline and Alzheimerâ€™s disease. Translational Neuroscience, 2011, 2, .	1.4	9
23	Repetitive Transcranial Magnetic Stimulation Enhances BDNF-TrkB Signaling in Both Brain and Lymphocyte. Journal of Neuroscience, 2011, 31, 11044-11054.	3.6	166
24	Ultra-Low-Dose Naloxone or Naltrexone to Improve Opioid Analgesia: The History, the Mystery and a Novel Approach. Clinical Medicine Insights Therapeutics, 2010, 2, CMT.S4870.	0.4	10
25	S 24795 Limits Î²-Amyloidâ€“Î±7 Nicotinic Receptor Interaction and Reduces Alzheimer's Disease-Like Pathologies. Biological Psychiatry, 2010, 67, 522-530.	1.3	51
26	The Post-Synaptic Density of Human Postmortem Brain Tissues: An Experimental Study Paradigm for Neuropsychiatric Illnesses. PLoS ONE, 2009, 4, e5251.	2.5	72
27	Dissociating Â-Amyloid from Â7 Nicotinic Acetylcholine Receptor by a Novel Therapeutic Agent, S 24795, Normalizes Â7 Nicotinic Acetylcholine and NMDA Receptor Function in Alzheimer's Disease Brain. Journal of Neuroscience, 2009, 29, 10961-10973.	3.6	97
28	Naloxone's Pentapeptide Binding Site on Filamin A Blocks Mu Opioid Receptorâ€“Gs Coupling and CREB Activation of Acute Morphine. PLoS ONE, 2009, 4, e4282.	2.5	57
29	High-Affinity Naloxone Binding to Filamin A Prevents Mu Opioid Receptorâ€“Gs Coupling Underlying Opioid Tolerance and Dependence. PLoS ONE, 2008, 3, e1554.	2.5	70
30	Altered neuregulin 1â€“erbB4 signaling contributes to NMDA> receptor hypofunction in schizophrenia. Nature Medicine, 2006, 12, 824-828.	30.7	528
31	Gî²î³ that interacts with adenylyl cyclase in opioid tolerance originates from a Gs protein. Journal of Neurobiology, 2006, 66, 1302-1310.	3.6	47
32	Î±7 Nicotinic Acetylcholine Receptors Mediate Î²-Amyloid Peptide-induced Tau Protein Phosphorylation. Journal of Biological Chemistry, 2003, 278, 31547-31553.	3.4	167
33	Î²-Amyloid1â€“42 Binds to Î±7 Nicotinic Acetylcholine Receptor with High Affinity. Journal of Biological Chemistry, 2000, 275, 5626-5632.	3.4	720
34	Amyloid Peptide Aî²_{1â€42} Binds Selectively and with Picomolar Affinity to Î±7 Nicotinic Acetylcholine Receptors. Journal of Neurochemistry, 2000, 75, 1155-1161.	3.9	380
35	Receptor-mediated activation of G proteins is reduced in postmortem brains from Alzheimer's disease patients. Neuroscience Letters, 1994, 173, 37-39.	2.1	52