

Konrad Talbot

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

4,836
citations

26
h-index

41
g-index

41
ext. papers

5,594
ext. citations

8
avg, IF

4.92
L-index

#	Paper	IF	Citations
37	Demonstrated brain insulin resistance in Alzheimer's disease patients is associated with IGF-1 resistance, IRS-1 dysregulation, and cognitive decline. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1316-38	15.9	1101
36	Gene expression elucidates functional impact of polygenic risk for schizophrenia. <i>Nature Neuroscience</i> , 2016 , 19, 1442-1453	25.5	622
35	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease-associated Aβ oligomers. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1339-53	15.9	567
34	Altered neuregulin 1-erbB4 signaling contributes to NMDA receptor hypofunction in schizophrenia. <i>Nature Medicine</i> , 2006 , 12, 824-8	50.5	479
33	Dysbindin-1 is reduced in intrinsic, glutamatergic terminals of the hippocampal formation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1353-1363	15.9	345
32	Dysbindin-1 is reduced in intrinsic, glutamatergic terminals of the hippocampal formation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1353-63	15.9	154
31	Caspase-3 is enriched in postsynaptic densities and increased in Alzheimer's disease. <i>American Journal of Pathology</i> , 2008 , 173, 1488-95	5.8	136
30	Dysbindin-1 is a synaptic and microtubular protein that binds brain snapin. <i>Human Molecular Genetics</i> , 2006 , 15, 3041-54	5.6	134
29	Dysbindin-1 in dorsolateral prefrontal cortex of schizophrenia cases is reduced in an isoform-specific manner unrelated to dysbindin-1 mRNA expression. <i>Human Molecular Genetics</i> , 2009 , 18, 3851-63	5.6	100
28	Neurodevelopment, neuroplasticity, and new genes for schizophrenia. <i>Progress in Brain Research</i> , 2005 , 147, 319-45	2.9	100
27	The nature, significance, and glucagon-like peptide-1 analog treatment of brain insulin resistance in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014 , 10, S12-25	1.2	87
26	Dysbindin-1 mutant mice implicate reduced fast-phasic inhibition as a final common disease mechanism in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E962-70	11.5	83
25	Measuring cell-type specific differential methylation in human brain tissue. <i>Genome Biology</i> , 2013 , 14, R94	18.3	78
24	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. <i>American Journal of Human Genetics</i> , 2018 , 102, 1169-1184	11	73
23	Akt1 deficiency in schizophrenia and impairment of hippocampal plasticity and function. <i>Hippocampus</i> , 2012 , 22, 230-40	3.5	64
22	Synaptic dysbindin-1 reductions in schizophrenia occur in an isoform-specific manner indicating their subsynaptic location. <i>PLoS ONE</i> , 2011 , 6, e16886	3.7	60
21	Brain insulin resistance in Alzheimer's disease and its potential treatment with GLP-1 analogs. <i>Neurodegenerative Disease Management</i> , 2014 , 4, 31-40	2.8	59

20	Low sociability is associated with reduced size of the corpus callosum in the BALB/cJ inbred mouse strain. <i>Brain Research</i> , 2008 , 1230, 211-7	3.7	58
19	The sandy (sdy) mouse: a dysbindin-1 mutant relevant to schizophrenia research. <i>Progress in Brain Research</i> , 2009 , 179, 87-94	2.9	55
18	The schizophrenia susceptibility factor dysbindin and its associated complex sort cargoes from cell bodies to the synapse. <i>Molecular Biology of the Cell</i> , 2011 , 22, 4854-67	3.5	55
17	A frontal variant of Alzheimer's disease exhibits decreased calcium-independent phospholipase A2 activity in the prefrontal cortex. <i>Neurochemistry International</i> , 2000 , 37, 17-31	4.4	55
16	Mechanical ventilation triggers hippocampal apoptosis by vagal and dopaminergic pathways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 693-702	10.2	50
15	Src kinase as a mediator of convergent molecular abnormalities leading to NMDAR hypoactivity in schizophrenia. <i>Molecular Psychiatry</i> , 2015 , 20, 1091-100	15.1	47
14	MeCP2 regulates the synaptic expression of a Dysbindin-BLOC-1 network component in mouse brain and human induced pluripotent stem cell-derived neurons. <i>PLoS ONE</i> , 2013 , 8, e65069	3.7	34
13	Novel GLP-1R/GIPR co-agonist "twincretin" is neuroprotective in cell and rodent models of mild traumatic brain injury. <i>Experimental Neurology</i> , 2017 , 288, 176-186	5.7	27
12	Feline islands of Calleja complex: II. Cholinergic and cholinesterasic features. <i>Journal of Comparative Neurology</i> , 1988 , 275, 580-603	3.4	27
11	Mutations in the BLOC-1 subunits dysbindin and muted generate divergent and dosage-dependent phenotypes. <i>Journal of Biological Chemistry</i> , 2014 , 289, 14291-300	5.4	26
10	Dysbindin-1 loss compromises NMDAR-dependent synaptic plasticity and contextual fear conditioning. <i>Hippocampus</i> , 2014 , 24, 204-13	3.5	24
9	Evidence that efferents from the basolateral amygdala innervate the dorsolateral neostriatum in rats. <i>Neuroscience Letters</i> , 1984 , 44, 71-5	3.3	23
8	Brain uptake pharmacokinetics of incretin receptor agonists showing promise as Alzheimer's and Parkinson's disease therapeutics. <i>Biochemical Pharmacology</i> , 2020 , 180, 114187	6	20
7	Feline islands of Calleja complex: I. Cytoarchitectural organization and comparative anatomy. <i>Journal of Comparative Neurology</i> , 1988 , 275, 553-79	3.4	18
6	EHD1 is a synaptic protein that modulates exocytosis through binding to snapin. <i>Molecular and Cellular Neurosciences</i> , 2010 , 45, 418-29	4.8	15
5	Neuronal Activity-Induced Sterol Regulatory Element Binding Protein-1 (SREBP1) is Disrupted in Dysbindin-Null Mice-Potential Link to Cognitive Impairment in Schizophrenia. <i>Molecular Neurobiology</i> , 2017 , 54, 1699-1709	6.2	14
4	Dysregulation of Specialized Delay/Interference-Dependent Working Memory Following Loss of Dysbindin-1A in Schizophrenia-Related Phenotypes. <i>Neuropsychopharmacology</i> , 2017 , 42, 1349-1360	8.7	14
3	Phospholipase pathway in Alzheimer's disease brains: decrease in Galphai in dorsolateral prefrontal cortex. <i>Molecular Brain Research</i> , 1999 , 66, 188-90		8

2	Insulin resistance and cognitive test performance in elderly adults: National health and nutrition examination survey (NHANES). <i>Journal of the Neurological Sciences</i> , 2018 , 388, 97-102	3-2	8
1	Oxidative stress reduces levels of dysbindin-1A via its PEST domain. <i>Neurochemistry International</i> , 2014 , 79, 65-9	4-4	4