Konrad Talbot

List of Publications by Year in Descending Order

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	Brain uptake pharmacokinetics of incretin receptor agonists showing promise as Alzheimer's and Parkinson's disease therapeutics. *Biochemical Pharmacology*, **2020**, 180, 114187	6	20
36	Insulin resistance and cognitive test performance in elderly adults: National health and nutrition examination survey (NHANES). *Journal of the Neurological Sciences*, **2018**, 388, 97-102	3.2	8
35	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. *American Journal of Human Genetics*, **2018**, 102, 1169-1184	11	73
34	Neuronal Activity-Induced Sterol Regulatory Element Binding Protein-1 (SREBP1) is Disrupted in Dysbindin-Null Mice-Potential Link to Cognitive Impairment in Schizophrenia. *Molecular Neurobiology*, **2017**, 54, 1699-1709	6.2	14
33	Novel GLP-1R/GIPR co-agonist "twincretin" is neuroprotective in cell and rodent models of mild traumatic brain injury. *Experimental Neurology*, **2017**, 288, 176-186	5.7	27
32	Dysregulation of Specialized Delay/Interference-Dependent Working Memory Following Loss of Dysbindin-1A in Schizophrenia-Related Phenotypes. *Neuropsychopharmacology*, **2017**, 42, 1349-1360	8.7	14
31	Gene expression elucidates functional impact of polygenic risk for schizophrenia. *Nature Neuroscience*, **2016**, 19, 1442-1453	25.5	622
30	Src kinase as a mediator of convergent molecular abnormalities leading to NMDAR hypoactivity in schizophrenia. *Molecular Psychiatry*, **2015**, 20, 1091-100	15.1	47
29	Oxidative stress reduces levels of dysbindin-1A via its PEST domain. *Neurochemistry International*, **2014**, 79, 65-9	4.4	4
28	Brain insulin resistance in Alzheimer's disease and its potential treatment with GLP-1 analogs. *Neurodegenerative Disease Management*, **2014**, 4, 31-40	2.8	59
27	The nature, significance, and glucagon-like peptide-1 analog treatment of brain insulin resistance in Alzheimer's disease. *Alzheimer's and Dementia*, **2014**, 10, S12-25	1.2	87
26	Mutations in the BLOC-1 subunits dysbindin and muted generate divergent and dosage-dependent phenotypes. *Journal of Biological Chemistry*, **2014**, 289, 14291-300	5.4	26
25	Dysbindin-1 loss compromises NMDAR-dependent synaptic plasticity and contextual fear conditioning. *Hippocampus*, **2014**, 24, 204-13	3.5	24
24	Mechanical ventilation triggers hippocampal apoptosis by vagal and dopaminergic pathways. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 693-702	10.2	50
23	Measuring cell-type specific differential methylation in human brain tissue. *Genome Biology*, **2013**, 14, R94	18.3	78
22	MeCP2 regulates the synaptic expression of a Dysbindin-BLOC-1 network component in mouse brain and human induced pluripotent stem cell-derived neurons. *PLoS ONE*, **2013**, 8, e65069	3.7	34
21	Akt1 deficiency in schizophrenia and impairment of hippocampal plasticity and function. *Hippocampus*, **2012**, 22, 230-40	3.5	64

20	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease- associated A□bligomers. *Journal of Clinical Investigation*, **2012**, 122, 1339-53	15.9	567
19	Demonstrated brain insulin resistance in Alzheimer's disease patients is associated with IGF-1 resistance, IRS-1 dysregulation, and cognitive decline. *Journal of Clinical Investigation*, **2012**, 122, 1316-38	15.9	1101
18	The schizophrenia susceptibility factor dysbindin and its associated complex sort cargoes from cell bodies to the synapse. *Molecular Biology of the Cell*, **2011**, 22, 4854-67	3.5	55
17	Dysbindin-1 mutant mice implicate reduced fast-phasic inhibition as a final common disease mechanism in schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E962-70	11.5	83
16	Synaptic dysbindin-1 reductions in schizophrenia occur in an isoform-specific manner indicating their subsynaptic location. *PLoS ONE*, **2011**, 6, e16886	3.7	60
15	EHD1 is a synaptic protein that modulates exocytosis through binding to snapin. *Molecular and Cellular Neurosciences*, **2010**, 45, 418-29	4.8	15
14	The sandy (sdy) mouse: a dysbindin-1 mutant relevant to schizophrenia research. *Progress in Brain Research*, **2009**, 179, 87-94	2.9	55
13	Dysbindin-1 in dorsolateral prefrontal cortex of schizophrenia cases is reduced in an isoform-specific manner unrelated to dysbindin-1 mRNA expression. *Human Molecular Genetics*, **2009**, 18, 3851-63	5.6	100
12	Low sociability is associated with reduced size of the corpus callosum in the BALB/cJ inbred mouse strain. *Brain Research*, **2008**, 1230, 211-7	3.7	58
11	Caspase-3 is enriched in postsynaptic densities and increased in Alzheimer's disease. *American Journal of Pathology*, **2008**, 173, 1488-95	5.8	136
10	Dysbindin-1 is a synaptic and microtubular protein that binds brain snapin. *Human Molecular Genetics*, **2006**, 15, 3041-54	5.6	134
9	Altered neuregulin 1-erbB4 signaling contributes to NMDA receptor hypofunction in schizophrenia. *Nature Medicine*, **2006**, 12, 824-8	50.5	479
8	Neurodevelopment, neuroplasticity, and new genes for schizophrenia. *Progress in Brain Research*, **2005**, 147, 319-45	2.9	100
7	Dysbindin-1 is reduced in intrinsic, glutamatergic terminals of the hippocampal formation in schizophrenia. *Journal of Clinical Investigation*, **2004**, 113, 1353-1363	15.9	345
6	Dysbindin-1 is reduced in intrinsic, glutamatergic terminals of the hippocampal formation in schizophrenia. *Journal of Clinical Investigation*, **2004**, 113, 1353-63	15.9	154
5	A frontal variant of Alzheimer's disease exhibits decreased calcium-independent phospholipase A2 activity in the prefrontal cortex. *Neurochemistry International*, **2000**, 37, 17-31	4.4	55
4	Phospholipase pathway in Alzheimer's disease brains: decrease in Galphai in dorsolateral prefrontal cortex. *Molecular Brain Research*, **1999**, 66, 188-90		8
3	Feline islands of Calleja complex: I. Cytoarchitectural organization and comparative anatomy. *Journal of Comparative Neurology*, **1988**, 275, 553-79	3.4	18

2	Feline islands of Calleja complex: II. Cholinergic and cholinesterasic features. *Journal of Comparative Neurology*, **1988**, 275, 580-603	3.4	27
1	Evidence that efferents from the basolateral amygdala innervate the dorsolateral neostriatum in rats. *Neuroscience Letters*, **1984**, 44, 71-5	3.3	23