

# Dong-Min Yin

## List of Publications by Year in descending order

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30  
papers

2,145  
citations

393982

19  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1211-1216.	3.3	281
2	ErbB4 in parvalbumin-positive interneurons is critical for neuregulin 1 regulation of long-term potentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21818-21823.	3.3	221
3	VPS35 in Dopamine Neurons Is Required for Endosome-to-Golgi Retrieval of Lamp2a, a Receptor of Chaperone-Mediated Autophagy That Is Critical for $\alpha$ -Synuclein Degradation and Prevention of Pathogenesis of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 10613-10628.	1.7	204
4	Neuregulin 1 Promotes Excitatory Synapse Development and Function in GABAergic Interneurons. <i>Journal of Neuroscience</i> , 2011, 31, 15-25.	1.7	199
5	Antibodies against low-density lipoprotein receptor-related protein 4 induce myasthenia gravis. <i>Journal of Clinical Investigation</i> , 2013, 123, 5190-5202.	3.9	164
6	Specific Regulation of NRG1 Isoform Expression by Neuronal Activity. <i>Journal of Neuroscience</i> , 2011, 31, 8491-8501.	1.7	143
7	Reversal of Behavioral Deficits and Synaptic Dysfunction in Mice Overexpressing Neuregulin 1. <i>Neuron</i> , 2013, 78, 644-657.	3.8	111
8	Neuregulin 1 represses limbic epileptogenesis through ErbB4 in parvalbumin-expressing interneurons. <i>Nature Neuroscience</i> , 2012, 15, 258-266.	7.1	95
9	Lrp4 in astrocytes modulates glutamatergic transmission. <i>Nature Neuroscience</i> , 2016, 19, 1010-1018.	7.1	91
10	Genetic Labeling Reveals Novel Cellular Targets of Schizophrenia Susceptibility Gene: Distribution of GABA and Non-GABA ErbB4-Positive Cells in Adult Mouse Brain. <i>Journal of Neuroscience</i> , 2014, 34, 13549-13566.	1.7	84
11	Maintenance of GABAergic Activity by Neuregulin 1-ErbB4 in Amygdala for Fear Memory. <i>Neuron</i> , 2014, 84, 835-846.	3.8	80
12	Synaptic Dysfunction in Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2012, 970, 493-516.	0.8	67
13	Dynamic ErbB4 Activity in Hippocampal-Prefrontal Synchrony and Top-Down Attention in Rodents. <i>Neuron</i> , 2018, 98, 380-393.e4.	3.8	59
14	Both the Establishment and Maintenance of Neuronal Polarity Require the Activity of Protein Kinase D in the Golgi Apparatus. <i>Journal of Neuroscience</i> , 2008, 28, 8832-8843.	1.7	58
15	Regulation of Spine Formation by ErbB4 in PV-Positive Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 19295-19303.	1.7	58
16	Genetic labeling reveals temporal and spatial expression pattern of D2 dopamine receptor in rat forebrain. <i>Brain Structure and Function</i> , 2019, 224, 1035-1049.	1.2	32
17	Modulating microglia activation prevents maternal immune activation induced schizophrenia-relevant behavior phenotypes via arginase 1 in the dentate gyrus. <i>Neuropsychopharmacology</i> , 2020, 45, 1896-1908.	2.8	29
18	Astrocyte-derived phosphatidic acid promotes dendritic branching. <i>Scientific Reports</i> , 2016, 6, 21096.	1.6	28

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19	Regulation of Synapse Development by <i>Vgat</i> Deletion from ErbB4-Positive Interneurons. Journal of Neuroscience, 2018, 38, 2533-2550.	1.7	23
20	Dopamine D2 receptor regulates cortical synaptic pruning in rodents. Nature Communications, 2021, 12, 6444.	5.8	23
21	Spine impairment in mice high-expressing neuregulin 1 due to LIMK1 activation. Cell Death and Disease, 2021, 12, 403.	2.7	19
22	ERBB3-mediated regulation of Bergmann glia proliferation in cerebellar lamination. Development (Cambridge), 2015, 142, 522-32.	1.2	16
23	Overexpression of neuregulin 1 in GABAergic interneurons results in reversible cortical disinhibition. Nature Communications, 2021, 12, 278.	5.8	16
24	PKD1 Promotes Functional Synapse Formation Coordinated with N-Cadherin in Hippocampus. Journal of Neuroscience, 2018, 38, 183-199.	1.7	15
25	Comparative analysis of cellular expression pattern of schizophrenia risk genes in human versus mouse cortex. Cell and Bioscience, 2019, 9, 89.	2.1	8
26	Acetylation of calmodulin regulates synaptic plasticity and fear learning. Journal of Biological Chemistry, 2021, 297, 101034.	1.6	6
27	Olfactory regulation by dopamine and DRD2 receptor in the nose. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118570119.	3.3	5
28	Adolescent dopamine slows spine maturation. Nature Neuroscience, 2013, 16, 1514-1516.	7.1	4
29	Steroid Receptor Coactivator 3 Regulates Synaptic Plasticity and Hippocampus-dependent Memory. Neuroscience Bulletin, 2021, 37, 1645-1657.	1.5	3
30	SRC3 acetylates calmodulin in the mouse brain to regulate synaptic plasticity and fear learning. Journal of Biological Chemistry, 2021, 297, 101044.	1.6	3