

# Guofa Liu

## List of Publications by Year in descending order

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17  
papers

1,688  
citations

516710

16  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Transduction in Neuronal Migration. <i>Cell</i> , 2001, 107, 209-221.	28.9	515
2	Netrin requires focal adhesion kinase and Src family kinases for axon outgrowth and attraction. <i>Nature Neuroscience</i> , 2004, 7, 1222-1232.	14.8	232
3	Activation of FAK and Src are receptor-proximal events required for netrin signaling. <i>Nature Neuroscience</i> , 2004, 7, 1213-1221.	14.8	208
4	DSCAM functions as a netrin receptor in commissural axon pathfinding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2951-2956.	7.1	136
5	Netrin signal transduction and the guanine nucleotide exchange factor DOCK180 in attractive signaling. <i>Nature Neuroscience</i> , 2008, 11, 28-35.	14.8	91
6	c-Jun N-terminal Kinase 1 (JNK1) Is Required for Coordination of Netrin Signaling in Axon Guidance. <i>Journal of Biological Chemistry</i> , 2013, 288, 1883-1895.	3.4	67
7	Neuronal Migration from the Forebrain to the Olfactory Bulb Requires a New Attractant Persistent in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2003, 23, 6651-6659.	3.6	65
8	Microtubule dynamics in axon guidance. <i>Neuroscience Bulletin</i> , 2014, 30, 569-583.	2.9	64
9	Down Syndrome Cell Adhesion Molecule (DSCAM) Associates with Uncoordinated-5C (UNC5C) in Netrin-1-mediated Growth Cone Collapse. <i>Journal of Biological Chemistry</i> , 2012, 287, 27126-27138.	3.4	57
10	p130CAS Is Required for Netrin Signaling and Commissural Axon Guidance. <i>Journal of Neuroscience</i> , 2007, 27, 957-968.	3.6	54
11	Direct binding of TUBB3 with DCC couples netrin-1 signaling to intracellular microtubule dynamics in axon outgrowth and guidance. <i>Journal of Cell Science</i> , 2013, 126, 3070-81.	2.0	48
12	Uncoupling of UNC5C with Polymerized TUBB3 in Microtubules Mediates Netrin-1 Repulsion. <i>Journal of Neuroscience</i> , 2017, 37, 5620-5633.	3.6	37
13	Shp2 acts downstream of SDF-1 $\beta$ /CXCR4 in guiding granule cell migration during cerebellar development. <i>Developmental Biology</i> , 2009, 334, 276-284.	2.0	35
14	miR-92 Suppresses Robo1 Translation to Modulate Slit Sensitivity in Commissural Axon Guidance. <i>Cell Reports</i> , 2018, 24, 2694-2708.e6.	6.4	27
15	Coordinated interaction of Down syndrome cell adhesion molecule and deleted in colorectal cancer with dynamic TUBB3 mediates Netrin-1-induced axon branching. <i>Neuroscience</i> , 2015, 293, 109-122.	2.3	22
16	Human TUBB3 Mutations Disrupt Netrin Attractive Signaling. <i>Neuroscience</i> , 2018, 374, 155-171.	2.3	20
17	Disease-associated mutations in human TUBB3 disturb netrin repulsive signaling. <i>PLoS ONE</i> , 2019, 14, e0218811.	2.5	10