

# Kristy Welshhans

## List of Publications by Year in descending order

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18  
papers

632  
citations

687363

13  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Netrin-1-Induced Local $\hat{\text{A}}$ -Actin Synthesis and Growth Cone Guidance Requires Zipcode Binding Protein 1. <i>Journal of Neuroscience</i> , 2011, 31, 9800-9813.	3.6	132
2	Phosphorylation of Zipcode Binding Protein 1 Is Required for Brain-Derived Neurotrophic Factor Signaling of Local $\hat{\text{A}}$ -Actin Synthesis and Growth Cone Turning. <i>Journal of Neuroscience</i> , 2010, 30, 9349-9358.	3.6	115
3	The effect of oral 5-HTP administration on 5-HTP and 5-HT immunoreactivity in monoaminergic brain regions of rats. <i>Journal of Chemical Neuroanatomy</i> , 2004, 27, 129-138.	2.1	55
4	Sonic Hedgehog Guides Axons via Zipcode Binding Protein 1-Mediated Local Translation. <i>Journal of Neuroscience</i> , 2017, 37, 1685-1695.	3.6	49
5	RACK1 Is a Ribosome Scaffold Protein for $\hat{\text{I}}^2$ -actin mRNA/ZBP1 Complex. <i>PLoS ONE</i> , 2012, 7, e35034.	2.5	46
6	Developing Sensors for Real-Time Measurement of High $\text{Ca}^{2+}$ Concentrations. <i>Biochemistry</i> , 2007, 46, 12275-12288.	2.5	45
7	Local activation of the nitric oxide/cyclic guanosine monophosphate pathway in growth cones regulates filopodial length via protein kinase G, cyclic ADP ribose and intracellular $\text{Ca}^{2+}$ release. <i>European Journal of Neuroscience</i> , 2005, 22, 3006-3016.	2.6	30
8	RACK1 regulates neural development. <i>Neural Regeneration Research</i> , 2017, 12, 1036.	3.0	26
9	Netrin $\hat{\text{A}}$ induces local translation of down syndrome cell adhesion molecule in axonal growth cones. <i>Developmental Neurobiology</i> , 2016, 76, 799-816.	3.0	23
10	Nitric oxide regulates growth cone filopodial dynamics via ryanodine receptor $\hat{\text{A}}$ -mediated calcium release. <i>European Journal of Neuroscience</i> , 2007, 26, 1537-1547.	2.6	22
11	RACK1 is necessary for the formation of point contacts and regulates axon growth. <i>Developmental Neurobiology</i> , 2017, 77, 1038-1056.	3.0	22
12	ALS skin fibroblasts reveal oxidative stress and ERK1/2-mediated cytoplasmic localization of TDP-43. <i>Cellular Signalling</i> , 2020, 70, 109591.	3.6	18
13	Local Translation Across Neural Development: A Focus on Radial Glial Cells, Axons, and Synaptogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 717170.	2.9	17
14	Control of neurite outgrowth and growth cone motility by phosphatidylinositol-3-kinase. <i>Cytoskeleton</i> , 2006, 63, 173-192.	4.4	14
15	Expression and optical properties of green fluorescent protein expressed in different cellular environments. <i>Journal of Biotechnology</i> , 2005, 119, 368-378.	3.8	9
16	Neurodevelopmental wiring deficits in the Ts65Dn mouse model of Down syndrome. <i>Neuroscience Letters</i> , 2020, 714, 134569.	2.1	5
17	Local translation of cell adhesion molecules in axons. <i>Neural Regeneration Research</i> , 2016, 11, 543.	3.0	3
18	Surface Activity and Lipid Droplet Localization of Full Length and Truncated Perilipin 3. <i>Biophysical Journal</i> , 2020, 118, 561a.	0.5	0