

# Michael A Kiebler

## List of Publications by Year in descending order

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48  
papers

3,452  
citations

186265  
28  
h-index

206112  
48  
g-index

193  
all docs

193  
docs citations

193  
times ranked

3502  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA supply drives physiological granule assembly in neurons. Nature Communications, 2022, 13, 2781.	12.8	11
2	The dsRBP Stau2 governs RNP assembly of neuronal Argonaute proteins. Nucleic Acids Research, 2022, 50, 7034-7047.	14.5	2
3	Synergistic regulation of <i>Rgs4</i> mRNA by HuR and miR-26/RISC in neurons. RNA Biology, 2021, 18, 988-998.	3.1	9
4	RNA-binding proteins balance brain function in health and disease. Physiological Reviews, 2021, 101, 1309-1370.	28.8	57
5	Pumilio2 and Stau2 selectively balance the synaptic proteome. Cell Reports, 2021, 35, 109279.	6.4	14
6	Pumilio2 Promotes Growth of Mature Neurons. International Journal of Molecular Sciences, 2021, 22, 8998.	4.1	8
7	RGS4 RNA Secondary Structure Mediates Stau2 RNP Assembly in Neurons. International Journal of Molecular Sciences, 2021, 22, 13021.	4.1	5
8	Physical Activity Dynamically Regulates the Hippocampal Proteome along the Dorso-Ventral Axis. International Journal of Molecular Sciences, 2020, 21, 3501.	4.1	4
9	Posttranscriptional Gene Regulation of the GABA Receptor to Control Neuronal Inhibition. Frontiers in Molecular Neuroscience, 2019, 12, 152.	2.9	16
10	Live cell imaging reveals 3'UTR dependent mRNA sorting to synapses. Nature Communications, 2019, 10, 3178.	12.8	35
11	Choroid plexus-derived miR-204 regulates the number of quiescent neural stem cells in the adult brain. EMBO Journal, 2019, 38, e100481.	7.8	52
12	Altered Glutamate Receptor Ionotropic Delta Subunit 2 Expression in Stau2-Deficient Cerebellar Purkinje Cells in the Adult Brain. International Journal of Molecular Sciences, 2019, 20, 1797.	4.1	10
13	Ankyrin-G induces nucleoporin RanBP2/Nup358 to associate with the axon initial segment of neurons. Journal of Cell Science, 2019, 132, .	2.0	4
14	Stau2 deficiency leads to impaired response to novelty in mice. Neurobiology of Learning and Memory, 2018, 150, 107-115.	1.9	16
15	Isolation and Characterization of Endogenous RNPs from Brain Tissues. Methods in Molecular Biology, 2018, 1649, 419-426.	0.9	1
16	A retained intron in the 3'UTR of <i>Calm3</i> mRNA mediates its Stau2-dependent activity and localization to neuronal dendrites. EMBO Reports, 2017, 18, 1762-1774.	4.5	58
17	Pumilio2 deficient mice show a predisposition for epilepsy. DMM Disease Models and Mechanisms, 2017, 10, 1333-1342.	2.4	40
18	Forebrain-specific, conditional silencing of Stau2 alters synaptic plasticity, learning, and memory in rats. Genome Biology, 2017, 18, 222.	8.8	25

#	ARTICLE	IF	CITATIONS
19	RNA Transport: From Head to Toe in Radial Glial Cells. <i>Current Biology</i> , 2016, 26, R1285-R1287.	3.9	2
20	mTOR and MAPK: from localized translation control to epilepsy. <i>BMC Neuroscience</i> , 2016, 17, 73.	1.9	60
21	Co-Translational Folding: A Novel Modulator of Local Protein Expression in Mammalian Neurons?. <i>Trends in Genetics</i> , 2016, 32, 788-800.	6.7	13
22	CLIPing Staußen to secondary RNA structures: Size and location matter!. <i>BioEssays</i> , 2015, 37, 1062-1066.	2.5	2
23	Fluorescent In Situ Hybridization in Primary Hippocampal Neurons to Detect Localized mRNAs. <i>Neuromethods</i> , 2015, , 321-337.	0.3	2
24	Meet the players: local translation at the synapse. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 84.	2.9	45
25	The multifunctional Staußen proteins: conserved roles from neurogenesis to synaptic plasticity. <i>Trends in Neurosciences</i> , 2014, 37, 470-479.	8.6	86
26	Unmasking the messenger. <i>RNA Biology</i> , 2014, 11, 992-997.	3.1	36
27	Interactome of Two Diverse RNA Granules Links mRNA Localization to Translational Repression in Neurons. <i>Cell Reports</i> , 2013, 5, 1749-1762.	6.4	130
28	Staußen2 Regulates Neuronal Target RNAs. <i>Cell Reports</i> , 2013, 5, 1511-1518.	6.4	78
29	What, where, and when: the importance of post-transcriptional regulation in the brain. <i>Frontiers in Neuroscience</i> , 2013, 7, 192.	2.8	15
30	An Asymmetrically Localized Staußen2-Dependent RNA Complex Regulates Maintenance of Mammalian Neural Stem Cells. <i>Cell Stem Cell</i> , 2012, 11, 517-528.	11.1	96
31	Asymmetric Segregation of the Double-Stranded RNA Binding Protein Staußen2 during Mammalian Neural Stem Cell Divisions Promotes Lineage Progression. <i>Cell Stem Cell</i> , 2012, 11, 505-516.	11.1	90
32	Independent localization of <i>MAP2</i> , <i>CaMKII<math>\alpha</math></i> and <i>Î²-actin</i> RNAs in low copy numbers. <i>EMBO Reports</i> , 2011, 12, 1077-1084.	4.5	93
33	Mechanisms of dendritic mRNA transport and its role in synaptic tagging. <i>EMBO Journal</i> , 2011, 30, 3540-3552.	7.8	274
34	Mammalian Pumilio 2 regulates dendrite morphogenesis and synaptic function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3222-3227.	7.1	119
35	Dendritically Localized Transcripts Are Sorted into Distinct Ribonucleoprotein Particles That Display Fast Directional Motility along Dendrites of Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 4160-4170.	3.6	67
36	Dynamic Interaction between P-Bodies and Transport Ribonucleoprotein Particles in Dendrites of Mature Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 7555-7562.	3.6	121

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37	A loss of function allele for murine Staufen1 leads to impairment of dendritic Staufen1-RNP delivery and dendritic spine morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16374-16379.	7.1	113
38	Visualizing mRNA Localization and Local Protein Translation in Neurons. Methods in Cell Biology, 2008, 85, 293-327.	1.1	23
39	High-efficiency transfection of mammalian neurons via nucleofection. Nature Protocols, 2007, 2, 1692-1704.	12.0	107
40	Neuronal RNA Granules: Movers and Makers. Neuron, 2006, 51, 685-690.	8.1	514
41	The brain-specific double-stranded RNA-binding protein Staufen2 is required for dendritic spine morphogenesis. Journal of Cell Biology, 2006, 172, 221-231.	5.2	95
42	The Brain-specific Double-stranded RNA-binding Protein Staufen2. Journal of Biological Chemistry, 2004, 279, 31440-31444.	3.4	66
43	Chemically controlled formation of a DNA/calcium phosphate coprecipitate: Application for transfection of mature hippocampal neurons. Journal of Neurobiology, 2004, 60, 517-525.	3.6	57
44	Isolation and characterization of Staufen-containing ribonucleoprotein particles from rat brain. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2100-2105.	7.1	153
45	Coupling the Iron-Responsive Element to GFP-An Inducible System to Study Translation in a Single Living Cell. Science Signaling, 2003, 2003, pl12-pl12.	3.6	22
46	Barentsz, a New Component of the Staufen-Containing Ribonucleoprotein Particles in Mammalian Cells, Interacts with Staufen in an RNA-Dependent Manner. Journal of Neuroscience, 2003, 23, 5778-5788.	3.6	88
47	The Mammalian Staufen Protein Localizes to the Somatodendritic Domain of Cultured Hippocampal Neurons: Implications for Its Involvement in mRNA Transport. Journal of Neuroscience, 1999, 19, 288-297.	3.6	239
48	Microtubule-dependent Recruitment of Staufen-Green Fluorescent Protein into Large RNA-containing Granules and Subsequent Dendritic Transport in Living Hippocampal Neurons. Molecular Biology of the Cell, 1999, 10, 2945-2953.	2.1	277