

# Michael A Kiebler

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,452  
citations

185998

28  
h-index

205818

48  
g-index

193  
all docs

193  
docs citations

193  
times ranked

3502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal RNA Granules: Movers and Makers. <i>Neuron</i> , 2006, 51, 685-690.	3.8	514
2	Microtubule-dependent Recruitment of Staufen-Green Fluorescent Protein into Large RNA-containing Granules and Subsequent Dendritic Transport in Living Hippocampal Neurons. <i>Molecular Biology of the Cell</i> , 1999, 10, 2945-2953.	0.9	277
3	Mechanisms of dendritic mRNA transport and its role in synaptic tagging. <i>EMBO Journal</i> , 2011, 30, 3540-3552.	3.5	274
4	The Mammalian Staufen Protein Localizes to the Somatodendritic Domain of Cultured Hippocampal Neurons: Implications for Its Involvement in mRNA Transport. <i>Journal of Neuroscience</i> , 1999, 19, 288-297.	1.7	239
5	Isolation and characterization of Staufen-containing ribonucleoprotein particles from rat brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2100-2105.	3.3	153
6	Interactome of Two Diverse RNA Granules Links mRNA Localization to Translational Repression in Neurons. <i>Cell Reports</i> , 2013, 5, 1749-1762.	2.9	130
7	Dynamic Interaction between P-Bodies and Transport Ribonucleoprotein Particles in Dendrites of Mature Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 7555-7562.	1.7	121
8	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.	3.3	119
9	A loss of function allele for murine Staufen1 leads to impairment of dendritic Staufen1-RNP delivery and dendritic spine morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16374-16379.	3.3	113
10	High-efficiency transfection of mammalian neurons via nucleofection. <i>Nature Protocols</i> , 2007, 2, 1692-1704.	5.5	107
11	An Asymmetrically Localized Staufen2-Dependent RNA Complex Regulates Maintenance of Mammalian Neural Stem Cells. <i>Cell Stem Cell</i> , 2012, 11, 517-528.	5.2	96
12	The brain-specific double-stranded RNA-binding protein Staufen2 is required for dendritic spine morphogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 221-231.	2.3	95
13	Independent localization of <i>MAP2</i> , <i>CaMKII<math>\alpha</math></i> and $\beta$ -actin RNAs in low copy numbers. <i>EMBO Reports</i> , 2011, 12, 1077-1084.	2.0	93
14	Asymmetric Segregation of the Double-Stranded RNA Binding Protein Staufen2 during Mammalian Neural Stem Cell Divisions Promotes Lineage Progression. <i>Cell Stem Cell</i> , 2012, 11, 505-516.	5.2	90
15	Barentsz, a New Component of the Staufen-Containing Ribonucleoprotein Particles in Mammalian Cells, Interacts with Staufen in an RNA-Dependent Manner. <i>Journal of Neuroscience</i> , 2003, 23, 5778-5788.	1.7	88
16	The multifunctional Staufen proteins: conserved roles from neurogenesis to synaptic plasticity. <i>Trends in Neurosciences</i> , 2014, 37, 470-479.	4.2	86
17	Staufen2 Regulates Neuronal Target RNAs. <i>Cell Reports</i> , 2013, 5, 1511-1518.	2.9	78
18	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.	1.7	67

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19	The Brain-specific Double-stranded RNA-binding Protein Staufen2. <i>Journal of Biological Chemistry</i> , 2004, 279, 31440-31444.	1.6	66
20	mTOR and MAPK: from localized translation control to epilepsy. <i>BMC Neuroscience</i> , 2016, 17, 73.	0.8	60
21	A retained intron in the 3' UTR of <i>Calm3</i> mRNA mediates its Staufen2 and activity-dependent localization to neuronal dendrites. <i>EMBO Reports</i> , 2017, 18, 1762-1774.	2.0	58
22	Chemically controlled formation of a DNA/calcium phosphate coprecipitate: Application for transfection of mature hippocampal neurons. <i>Journal of Neurobiology</i> , 2004, 60, 517-525.	3.7	57
23	RNA-binding proteins balance brain function in health and disease. <i>Physiological Reviews</i> , 2021, 101, 1309-1370.	13.1	57
24	Choroid plexus-derived miR-204 regulates the number of quiescent neural stem cells in the adult brain. <i>EMBO Journal</i> , 2019, 38, e100481.	3.5	52
25	Meet the players: local translation at the synapse. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 84.	1.4	45
26	Pumilio2 deficient mice show a predisposition for epilepsy. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1333-1342.	1.2	40
27	Unmasking the messenger. <i>RNA Biology</i> , 2014, 11, 992-997.	1.5	36
28	Live cell imaging reveals 3' UTR dependent mRNA sorting to synapses. <i>Nature Communications</i> , 2019, 10, 3178.	5.8	35
29	Forebrain-specific, conditional silencing of Staufen2 alters synaptic plasticity, learning, and memory in rats. <i>Genome Biology</i> , 2017, 18, 222.	3.8	25
30	Visualizing mRNA Localization and Local Protein Translation in Neurons. <i>Methods in Cell Biology</i> , 2008, 85, 293-327.	0.5	23
31	Coupling the Iron-Responsive Element to GFP--An Inducible System to Study Translation in a Single Living Cell. <i>Science Signaling</i> , 2003, 2003, p12-pl12.	1.6	22
32	Staufen2 deficiency leads to impaired response to novelty in mice. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 107-115.	1.0	16
33	Posttranscriptional Gene Regulation of the GABA Receptor to Control Neuronal Inhibition. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 152.	1.4	16
34	What, where, and when: the importance of post-transcriptional regulation in the brain. <i>Frontiers in Neuroscience</i> , 2013, 7, 192.	1.4	15
35	Pumilio2 and Staufen2 selectively balance the synaptic proteome. <i>Cell Reports</i> , 2021, 35, 109279.	2.9	14
36	Co-Translational Folding: A Novel Modulator of Local Protein Expression in Mammalian Neurons?. <i>Trends in Genetics</i> , 2016, 32, 788-800.	2.9	13

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37	RNA supply drives physiological granule assembly in neurons. <i>Nature Communications</i> , 2022, 13, 2781.	5.8	11
38	Altered Glutamate Receptor Ionotropic Delta Subunit 2 Expression in Stau2-Deficient Cerebellar Purkinje Cells in the Adult Brain. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1797.	1.8	10
39	Synergistic regulation of <i>Rgs4</i> mRNA by HuR and miR-26/RISC in neurons. <i>RNA Biology</i> , 2021, 18, 988-998.	1.5	9
40	Pumilio2 Promotes Growth of Mature Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8998.	1.8	8
41	RGS4 RNA Secondary Structure Mediates Stau2 RNP Assembly in Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13021.	1.8	5
42	Ankyrin-G induces nucleoporin RanBP2/Nup358 to associate with the axon initial segment of neurons. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	4
43	Physical Activity Dynamically Regulates the Hippocampal Proteome along the Dorso-Ventral Axis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3501.	1.8	4
44	CLIPing Stau2 to secondary RNA structures: Size and location matter!. <i>BioEssays</i> , 2015, 37, 1062-1066.	1.2	2
45	RNA Transport: From Head to Toe in Radial Glial Cells. <i>Current Biology</i> , 2016, 26, R1285-R1287.	1.8	2
46	Fluorescent In Situ Hybridization in Primary Hippocampal Neurons to Detect Localized mRNAs. <i>Neuromethods</i> , 2015, , 321-337.	0.2	2
47	The dsRBP Stau2 governs RNP assembly of neuronal Argonaute proteins. <i>Nucleic Acids Research</i> , 2022, 50, 7034-7047.	6.5	2
48	Isolation and Characterization of Endogenous RNPs from Brain Tissues. <i>Methods in Molecular Biology</i> , 2018, 1649, 419-426.	0.4	1