

Matthew S Kayser

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

2,858
citations

18
h-index

53
g-index

54
ext. papers

3,338
ext. citations

9.3
avg, IF

5.41
L-index

#	Paper	IF	Citations
41	Role for rapid dendritic protein synthesis in hippocampal mGluR-dependent long-term depression. <i>Science</i> , 2000 , 288, 1254-7	33.3	765
40	Cell adhesion molecules: signalling functions at the synapse. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 206-215	20.5	432
39	Frequency and characteristics of isolated psychiatric episodes in anti-N-methyl-D-aspartate receptor encephalitis. <i>JAMA Neurology</i> , 2013 , 70, 1133-9	17.2	274
38	Intracellular and trans-synaptic regulation of glutamatergic synaptogenesis by EphB receptors. <i>Journal of Neuroscience</i> , 2006 , 26, 12152-64	6.6	175
37	EphB receptors couple dendritic filopodia motility to synapse formation. <i>Neuron</i> , 2008 , 59, 56-69	13.9	160
36	Anti-NMDA Receptor Encephalitis in Psychiatry. <i>Current Psychiatry Reviews</i> , 2011 , 7, 189-193	0.9	117
35	Anti-NMDA receptor encephalitis, autoimmunity, and psychosis. <i>Schizophrenia Research</i> , 2016 , 176, 36-40	4.6	114
34	EphB controls NMDA receptor function and synaptic targeting in a subunit-specific manner. <i>Journal of Neuroscience</i> , 2011 , 31, 5353-64	6.6	108
33	A critical period of sleep for development of courtship circuitry and behavior in <i>Drosophila</i> . <i>Science</i> , 2014 , 344, 269-74	33.3	99
32	Psychiatric manifestations of paraneoplastic disorders. <i>American Journal of Psychiatry</i> , 2010 , 167, 1039-50	11.9	94
31	Oxalic acid and diacylglycerol 36:3 are cross-species markers of sleep debt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2569-74	11.5	81
30	The emerging link between autoimmune disorders and neuropsychiatric disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011 , 23, 90-7	2.7	76
29	Ephrin-B1 and ephrin-B2 mediate EphB-dependent presynaptic development via syntenin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20487-92	11.5	65
28	Exploring phylogeny to find the function of sleep. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 109-116	13.5	58
27	Sleep and Development in Genetically Tractable Model Organisms. <i>Genetics</i> , 2016 , 203, 21-33	4	44
26	Sleep deprivation suppresses aggression in <i>Drosophila</i> . <i>ELife</i> , 2015 , 4, e07643	8.9	37
25	Identification of octopaminergic neurons that modulate sleep suppression by male sex drive. <i>ELife</i> , 2017 , 6,	8.9	37

24	AuthorsVreply. <i>Lancet Neurology, The</i> , 2013 , 12, 425-6	24.1	31
23	A sleep state in larvae required for neural stem cell proliferation. <i>ELife</i> , 2018 , 7,	8.9	17
22	Changes in Female Drosophila Sleep following Mating Are Mediated by SPSN-SAG Neurons. <i>Journal of Biological Rhythms</i> , 2016 , 31, 551-567	3.2	16
21	Fact or fiction? Examining a role for N-methyl-D-aspartate receptor autoantibodies in psychiatric illness. <i>Biological Psychiatry</i> , 2015 , 77, 506-7	7.9	8
20	Behavioral and genetic features of sleep ontogeny in Drosophila. <i>Sleep</i> , 2018 , 41,	1.1	6
19	Preferential control of basal dendritic protrusions by EphB2. <i>PLoS ONE</i> , 2011 , 6, e17417	3.7	6
18	The CHD8/CHD7/Kismet family links blood-brain barrier glia and serotonin to ASD-associated sleep defects. <i>Science Advances</i> , 2021 , 7,	14.3	6
17	A Drosophila model of sleep restriction therapy for insomnia. <i>Molecular Psychiatry</i> , 2021 , 26, 492-507	15.1	6
16	Anti-NMDA Receptor Encephalitis, Autoimmunity, and Psychosis. <i>Focus (American Psychiatric Publishing)</i> , 2016 , 14, 510-515	1.1	5
15	Quantitative imaging of sleep behavior in Caenorhabditis elegans and larval Drosophila melanogaster. <i>Nature Protocols</i> , 2019 , 14, 1455-1488	18.8	4
14	Precision Medicine for Insomnia. <i>Sleep Medicine Clinics</i> , 2019 , 14, 291-299	3.6	4
13	Starvation resistance is associated with developmentally specified changes in sleep, feeding and metabolic rate. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	3
12	Synaptogenesis346-362		2
11	Identification of a molecular basis for the juvenile sleep state. <i>ELife</i> , 2020 , 9,	8.9	2
10	Social Behavioral Deficits with Loss of Neurofibromin Emerge from Peripheral Chemosensory Neuron Dysfunction. <i>Cell Reports</i> , 2020 , 32, 107856	10.6	2
9	Reply to: N-Methyl-D-Aspartate Receptor Autoantibodies in Psychiatric Illness. <i>Biological Psychiatry</i> , 2016 , 79, e63	7.9	1
8	Severe infection and autoimmune disease are associated with increased risk of mood disorders. <i>Evidence-Based Mental Health</i> , 2014 , 17, 20	11.1	1
7	The chromatin remodeler ISWI acts during development to regulate adult sleep. <i>Science Advances</i> , 2021 , 7,	14.3	1

- 6 Synaptic dysfunction connects autism spectrum disorder and sleep disturbances: A perspective from studies in model organisms.. *Sleep Medicine Reviews*, **2022**, 62, 101595 10.2 0
- 5 Sleep: The Balm of Hurt Minds. *Current Biology*, **2020**, 30, R263-R265 6.3
- 4 Synaptogenesis317-328
- 3 Treatment of Insomnia with Zaleplon in HIV+ Significantly Improves Sleep and Depression. *Psychopharmacology Bulletin*, **2021**, 51, 50-64 0.9
- 2 Phylogeny and the function of sleep **2021**,
- 1 Sleep and Metabolism: Eaat-ing Your Way to ZZZs. *Current Biology*, **2018**, 28, R1310-R1312 6.3