

Matthew S Kayser

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,708
citations

361413

20
h-index

315739

38
g-index

54
all docs

54
docs citations

54
times ranked

4798
citing authors

#	ARTICLE	IF	CITATIONS
1	Role for Rapid Dendritic Protein Synthesis in Hippocampal mGluR-Dependent Long-Term Depression. <i>Science</i> , 2000, 288, 1254-1256.	12.6	835
2	Cell adhesion molecules: signalling functions at the synapse. <i>Nature Reviews Neuroscience</i> , 2007, 8, 206-220.	10.2	499
3	Frequency and Characteristics of Isolated Psychiatric Episodes in Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>JAMA Neurology</i> , 2013, 70, 1133.	9.0	354
4	Intracellular and Trans-Synaptic Regulation of Glutamatergic Synaptogenesis by EphB Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 12152-12164.	3.6	198
5	EphB Receptors Couple Dendritic Filopodia Motility to Synapse Formation. <i>Neuron</i> , 2008, 59, 56-69.	8.1	185
6	Anti-NMDA receptor encephalitis, autoimmunity, and psychosis. <i>Schizophrenia Research</i> , 2016, 176, 36-40.	2.0	163
7	A Critical Period of Sleep for Development of Courtship Circuitry and Behavior in <i>Drosophila</i> . <i>Science</i> , 2014, 344, 269-274.	12.6	153
8	Anti-NMDA Receptor Encephalitis in Psychiatry. <i>Current Psychiatry Reviews</i> , 2011, 7, 189-193.	0.9	147
9	EphB Controls NMDA Receptor Function and Synaptic Targeting in a Subunit-Specific Manner. <i>Journal of Neuroscience</i> , 2011, 31, 5353-5364.	3.6	142
10	Exploring phylogeny to find the function of sleep. <i>Nature Reviews Neuroscience</i> , 2019, 20, 109-116.	10.2	124
11	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, 2569-2574.	7.1	121
12	Psychiatric Manifestations of Paraneoplastic Disorders. <i>American Journal of Psychiatry</i> , 2010, 167, 1039-1050.	7.2	120
13	The Emerging Link Between Autoimmune Disorders and Neuropsychiatric Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, 90-97.	1.8	102
14	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, 20487-20492.	7.1	76
15	Sleep and Development in Genetically Tractable Model Organisms. <i>Genetics</i> , 2016, 203, 21-33.	2.9	64
16	Identification of octopaminergic neurons that modulate sleep suppression by male sex drive. <i>ELife</i> , 2017, 6, .	6.0	61
17	Sleep deprivation suppresses aggression in <i>Drosophila</i> . <i>ELife</i> , 2015, 4, e07643.	6.0	55
18	A sleep state in <i>Drosophila</i> larvae required for neural stem cell proliferation. <i>ELife</i> , 2018, 7, .	6.0	45

#	ARTICLE	IF	CITATIONS
19	Prevalence and treatment of anti-NMDA receptor encephalitis – Authors' reply. <i>Lancet Neurology</i> , The, 2013, 12, 425-426.	10.2	37
20	Changes in Female <i>Drosophila</i> Sleep following Mating Are Mediated by SPSN-SAG Neurons. <i>Journal of Biological Rhythms</i> , 2016, 31, 551-567.	2.6	37
21	The CHD8/CHD7/Kismet family links blood-brain barrier glia and serotonin to ASD-associated sleep defects. <i>Science Advances</i> , 2021, 7, .	10.3	24
22	Pathogenic variants in <i>SMARCA5</i> , a chromatin remodeler, cause a range of syndromic neurodevelopmental features. <i>Science Advances</i> , 2021, 7, .	10.3	17
23	Quantitative imaging of sleep behavior in <i>Caenorhabditis elegans</i> and larval <i>Drosophila melanogaster</i> . <i>Nature Protocols</i> , 2019, 14, 1455-1488.	12.0	16
24	Identification of a molecular basis for the juvenile sleep state. <i>ELife</i> , 2020, 9, .	6.0	15
25	Behavioral and genetic features of sleep ontogeny in <i>Drosophila</i> . <i>Sleep</i> , 2018, 41, .	1.1	14
26	Starvation resistance is associated with developmentally specified changes in sleep, feeding and metabolic rate. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	14
27	A <i>Drosophila</i> model of sleep restriction therapy for insomnia. <i>Molecular Psychiatry</i> , 2021, 26, 492-507.	7.9	13
28	Precision Medicine for Insomnia. <i>Sleep Medicine Clinics</i> , 2019, 14, 291-299.	2.6	12
29	Social Behavioral Deficits with Loss of Neurofibromin Emerge from Peripheral Chemosensory Neuron Dysfunction. <i>Cell Reports</i> , 2020, 32, 107856.	6.4	11
30	Fact or Fiction? Examining a Role for N-Methyl-D-Aspartate Receptor Autoantibodies in Psychiatric Illness. <i>Biological Psychiatry</i> , 2015, 77, 506-507.	1.3	10
31	Synaptic dysfunction connects autism spectrum disorder and sleep disturbances: A perspective from studies in model organisms. <i>Sleep Medicine Reviews</i> , 2022, 62, 101595.	8.5	10
32	The chromatin remodeler ISWI acts during <i>Drosophila</i> development to regulate adult sleep. <i>Science Advances</i> , 2021, 7, .	10.3	9
33	Preferential Control of Basal Dendritic Protrusions by EphB2. <i>PLoS ONE</i> , 2011, 6, e17417.	2.5	7
34	Anti-NMDA Receptor Encephalitis, Autoimmunity, and Psychosis. <i>Focus (American Psychiatric)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.8	5
35	Getting into rhythm: developmental emergence of circadian clocks and behaviors. <i>FEBS Journal</i> , 2022, 289, 6576-6588.	4.7	4
36	Patient and provider experiences with CBT-I administered in-person or via telemedicine: A randomized non-inferiority trial. <i>Cogent Psychology</i> , 2022, 9, .	1.3	3

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37	Synaptogenesis. , 2006, , 346-362.		2
38	Severe infection and autoimmune disease are associated with increased risk of mood disorders. Evidence-Based Mental Health, 2014, 17, 20-20.	4.5	1
39	Reply to: N-Methyl-D-Aspartate Receptor Autoantibodies in Psychiatric Illness. Biological Psychiatry, 2016, 79, e63.	1.3	1
40	Synaptogenesis. , 0, , 317-328.		0
41	Sleep and Metabolism: Eaat-ing Your Way to ZZZs. Current Biology, 2018, 28, R1310-R1312.	3.9	0
42	Sleep: The Balm of Hurt Minds. Current Biology, 2020, 30, R263-R265.	3.9	0
43	Phylogeny and the function of sleep. , 2021, , .		0
44	Exploring a Role for Sleep in Neural Development and Psychiatric Disease. , 2013, 02, .		0
45	Treatment of Insomnia with Zaleplon in HIV+ Significantly Improves Sleep and Depression. Psychopharmacology Bulletin, 2021, 51, 50-64.	0.0	0