

# Jason R Gerstner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8671625/publications.pdf>

Version: 2024-02-01

35  
papers

1,674  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2534  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary nutrients associated with short and long sleep duration. Data from a nationally representative sample. <i>Appetite</i> , 2013, 64, 71-80.	3.7	232
2	Circadian rhythms and memory formation. <i>Nature Reviews Neuroscience</i> , 2010, 11, 577-588.	10.2	220
3	Sleep symptoms associated with intake of specific dietary nutrients. <i>Journal of Sleep Research</i> , 2014, 23, 22-34.	3.2	199
4	The sleep-wake cycle and Alzheimer's disease: what do we know?. <i>Neurodegenerative Disease Management</i> , 2014, 4, 351-362.	2.2	118
5	Cycling Behavior and Memory Formation: Table 1.. <i>Journal of Neuroscience</i> , 2009, 29, 12824-12830.	3.6	111
6	Regulation of Neural Specification from Human Embryonic Stem Cells by BMP and FGF. <i>Stem Cells</i> , 2009, 27, 1741-1749.	3.2	90
7	Fatty-Acid Binding Proteins Modulate Sleep and Enhance Long-Term Memory Consolidation in <i>Drosophila</i> . <i>PLoS ONE</i> , 2011, 6, e15890.	2.5	69
8	BMAL1 controls the diurnal rhythm and set point for electrical seizure threshold in mice. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 121.	2.5	61
9	Normal sleep requires the astrocyte brain-type fatty acid binding protein FABP7. <i>Science Advances</i> , 2017, 3, e1602663.	10.3	56
10	Alzheimer's Disease and Sleep-Wake Disturbances: Amyloid, Astrocytes, and Animal Models. <i>Journal of Neuroscience</i> , 2018, 38, 2901-2910.	3.6	56
11	Time of Day Regulates Subcellular Trafficking, Tripartite Synaptic Localization, and Polyadenylation of the Astrocytic Fabp7 mRNA. <i>Journal of Neuroscience</i> , 2012, 32, 1383-1394.	3.6	52
12	Astrocyte expression of the <i>Drosophila</i> TNF-alpha homologue, Eiger, regulates sleep in flies. <i>PLoS Genetics</i> , 2018, 14, e1007724.	3.5	46
13	Brain Fatty Acid Binding Protein (Fabp7) Is Diurnally Regulated in Astrocytes and Hippocampal Granule Cell Precursors in Adult Rodent Brain. <i>PLoS ONE</i> , 2008, 3, e1631.	2.5	43
14	Removal of unwanted variation reveals novel patterns of gene expression linked to sleep homeostasis in murine cortex. <i>BMC Genomics</i> , 2016, 17, 727.	2.8	41
15	ERK Phosphorylation Regulates Sleep and Plasticity in <i>Drosophila</i> . <i>PLoS ONE</i> , 2013, 8, e81554.	2.5	36
16	dCREB2-Mediated Enhancement of Memory Formation. <i>Journal of Neuroscience</i> , 2013, 33, 7475-7487.	3.6	34
17	Profiles of novel diurnally regulated genes in mouse hypothalamus: Expression analysis of the cysteine and histidine-rich domain-containing, zinc-binding protein 1, the fatty acid-binding protein 7 and the GTPase, ras-like family member 11b. <i>Neuroscience</i> , 2006, 139, 1435-1448.	2.3	28
18	Amyloid $\beta$ induces sleep fragmentation that is rescued by fatty acid binding proteins in <i>Drosophila</i> . <i>Journal of Neuroscience Research</i> , 2017, 95, 1548-1564.	2.9	28

#	ARTICLE	IF	CITATIONS
19	The Nexus of A $\beta$ <sup>2</sup> , Aging, and Sleep. <i>Science Translational Medicine</i> , 2012, 4, 150fs34.	12.4	17
20	On the Evolution of Memory: A Time for Clocks. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 23.	2.9	16
21	Cytoplasmic to nuclear localization of fatty-acid binding protein correlates with specific forms of long-term memory in <i>Drosophila</i> . <i>Communicative and Integrative Biology</i> , 2011, 4, 623-626.	1.4	14
22	Expression of the Transcriptional Coactivator CITED1 in the Adult and Developing Murine Brain. <i>Developmental Neuroscience</i> , 2007, 29, 203-212.	2.0	12
23	The Molecular Genetic Interaction Between Circadian Rhythms and Susceptibility to Seizures and Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 520.	2.4	12
24	Circadian expression of Fabp7 mRNA is disrupted in Bmal1 KO mice. <i>Molecular Brain</i> , 2020, 13, 26.	2.6	12
25	The aging clock: to $\sim$ BMAL'icious toward learning and memory. <i>Aging</i> , 2010, 2, 251-254.	3.1	10
26	The Zinc-Binding Protein Chordc1 Undergoes Complex Diurnal Changes in mRNA Expression During Mouse Brain Development. <i>Neurochemical Research</i> , 2007, 32, 241-250.	3.3	7
27	The transcriptional repressor Rev-erb $\beta$ regulates circadian expression of the astrocyte Fabp7 mRNA. <i>Current Research in Neurobiology</i> , 2021, 2, 100009.	2.3	7
28	Sleep pressure regulates mushroom body neural-glial interactions in <i>Drosophila</i> . <i>Matters Select</i> , 2019, 2019, .	3.0	6
29	Cytoplasmic to nuclear localization of fatty-acid binding protein correlates with specific forms of long-term memory in <i>Drosophila</i> . <i>Communicative and Integrative Biology</i> , 2011, 4, 623-6.	1.4	6
30	Glitazone Treatment Rescues Phenotypic Deficits in a Fly Model of Gaucher/Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12740.	4.1	6
31	A Dichotomous Role for FABP7 in Sleep and Alzheimer's Disease Pathogenesis: A Hypothesis. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	6
32	Waking up to the alarm: sleep, clocks, and making memory (s)tick. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 65.	2.5	4
33	Single prolonged stress blocks sleep homeostasis and pre-trauma sleep deprivation does not exacerbate the severity of trauma-induced fear-associated memory impairments. <i>PLoS ONE</i> , 2021, 16, e0243743.	2.5	4
34	Fabp7 Is Required for Normal Sleep Suppression and Anxiety-Associated Phenotype following Single-Prolonged Stress in Mice. <i>Neuroglia (Basel, Switzerland)</i> , 2022, 3, 73-83.	0.9	4
35	Sleep and Chronobiology in Plasticity and Memory. <i>Frontiers Research Topics</i> , 0, , .	0.2	0