

Jason R Gerstner

List of Publications by Year in descending order

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35
papers

1,674
citations

430874

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395702

33
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docs citations

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2534
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabp7 Is Required for Normal Sleep Suppression and Anxiety-Associated Phenotype following Single-Prolonged Stress in Mice. <i>Neuroglia</i> (Basel, Switzerland), 2022, 3, 73-83.	0.9	4
2	The transcriptional repressor Rev-erb β regulates circadian expression of the astrocyte Fabp7 mRNA. <i>Current Research in Neurobiology</i> , 2021, 2, 100009.	2.3	7
3	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
4	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
5	The Molecular Genetic Interaction Between Circadian Rhythms and Susceptibility to Seizures and Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 520.	2.4	12
6	Circadian expression of Fabp7 mRNA is disrupted in Bmal1 KO mice. <i>Molecular Brain</i> , 2020, 13, 26.	2.6	12
7	Sleep pressure regulates mushroom body neural-glia interactions in <i>Drosophila</i> . <i>Matters Select</i> , 2019, 2019, .	3.0	6
8	Alzheimer's Disease and Sleep/Wake Disturbances: Amyloid, Astrocytes, and Animal Models. <i>Journal of Neuroscience</i> , 2018, 38, 2901-2910.	3.6	56
9	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
10	Amyloid β 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
11	Normal sleep requires the astrocyte brain-type fatty acid binding protein FABP7. <i>Science Advances</i> , 2017, 3, e1602663.	10.3	56
12	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
13	Waking up to the alarm: sleep, clocks, and making memory (s)tick. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 65.	2.5	4
14	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
15	The sleep/wake cycle and Alzheimer's disease: what do we know?. <i>Neurodegenerative Disease Management</i> , 2014, 4, 351-362.	2.2	118
16	Sleep symptoms associated with intake of specific dietary nutrients. <i>Journal of Sleep Research</i> , 2014, 23, 22-34.	3.2	199
17	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
18	dCREB2-Mediated Enhancement of Memory Formation. <i>Journal of Neuroscience</i> , 2013, 33, 7475-7487.	3.6	34

#	ARTICLE	IF	CITATIONS
19	ERK Phosphorylation Regulates Sleep and Plasticity in <i>Drosophila</i> . PLoS ONE, 2013, 8, e81554.	2.5	36
20	Time of Day Regulates Subcellular Trafficking, Tripartite Synaptic Localization, and Polyadenylation of the Astrocytic Fabp7 mRNA. Journal of Neuroscience, 2012, 32, 1383-1394.	3.6	52
21	The Nexus of A β , Aging, and Sleep. Science Translational Medicine, 2012, 4, 150fs34.	12.4	17
22	On the Evolution of Memory: A Time for Clocks. Frontiers in Molecular Neuroscience, 2012, 5, 23.	2.9	16
23	Fatty-Acid Binding Proteins Modulate Sleep and Enhance Long-Term Memory Consolidation in <i>Drosophila</i> . PLoS ONE, 2011, 6, e15890.	2.5	69
24	Cytoplasmic to nuclear localization of fatty-acid binding protein correlates with specific forms of long-term memory in <i>Drosophila</i> . Communicative and Integrative Biology, 2011, 4, 623-626.	1.4	14
25	Cytoplasmic to nuclear localization of fatty-acid binding protein correlates with specific forms of long-term memory in <i>Drosophila</i> . Communicative and Integrative Biology, 2011, 4, 623-6.	1.4	6
26	Circadian rhythms and memory formation. Nature Reviews Neuroscience, 2010, 11, 577-588.	10.2	220
27	The aging clock: to be BMAL'icious toward learning and memory. Aging, 2010, 2, 251-254.	3.1	10
28	Cycling Behavior and Memory Formation: Table 1.. Journal of Neuroscience, 2009, 29, 12824-12830.	3.6	111
29	Regulation of Neural Specification from Human Embryonic Stem Cells by BMP and FGF. Stem Cells, 2009, 27, 1741-1749.	3.2	90
30	Brain Fatty Acid Binding Protein (Fabp7) Is Diurnally Regulated in Astrocytes and Hippocampal Granule Cell Precursors in Adult Rodent Brain. PLoS ONE, 2008, 3, e1631.	2.5	43
31	Expression of the Transcriptional Coactivator CITED1 in the Adult and Developing Murine Brain. Developmental Neuroscience, 2007, 29, 203-212.	2.0	12
32	The Zinc-Binding Protein Chordc1 Undergoes Complex Diurnal Changes in mRNA Expression During Mouse Brain Development. Neurochemical Research, 2007, 32, 241-250.	3.3	7
33	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. Neuroscience, 2006, 139, 1435-1448.	2.3	28
34	Sleep and Chronobiology in Plasticity and Memory. Frontiers Research Topics, 0, , .	0.2	0
35	A Dichotomous Role for FABP7 in Sleep and Alzheimer's Disease Pathogenesis: A Hypothesis. Frontiers in Neuroscience, 0, 16, .	2.8	6