

Ted Abel

List of Publications by Year in descending order

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Version: 2024-02-01

237
papers

22,739
citations

8755

77
h-index

10955

142
g-index

307
all docs

307
docs citations

307
times ranked

23134
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep deprivation reduces the density of individual spine subtypes in a branch-specific fashion in CA1 neurons. <i>Journal of Sleep Research</i> , 2022, 31, e13438.	1.7	12
2	Synaptic dysfunction connects autism spectrum disorder and sleep disturbances: A perspective from studies in model organisms. <i>Sleep Medicine Reviews</i> , 2022, 62, 101595.	3.8	10
3	Reconsidering animal models used to study autism spectrum disorder: Current state and optimizing future. <i>Genes, Brain and Behavior</i> , 2022, 21, e12803.	1.1	55
4	Endoplasmic reticulum chaperone genes encode effectors of long-term memory. <i>Science Advances</i> , 2022, 8, eabm6063.	4.7	16
5	Mice lacking the cAMP effector protein POPDC1 show enhanced hippocampal synaptic plasticity. <i>Cerebral Cortex</i> , 2022, 32, 3457-3471.	1.6	4
6	Calculating genetic risk for dysfunction in pleiotropic biological processes using whole exome sequencing data. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, .	1.5	0
7	Cyclic AMP response element-binding protein is required in excitatory neurons in the forebrain to sustain wakefulness. <i>Sleep</i> , 2021, 44, .	0.6	11
8	Neurobiobehavioral responses to virtual social rejection in females—exploring the influence of oxytocin. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 326-333.	1.5	3
9	Age- and sex-specific fear conditioning deficits in mice lacking <i>Pcdh10</i> , an Autism Associated Gene. <i>Neurobiology of Learning and Memory</i> , 2021, 178, 107364.	1.0	10
10	The β -Protocadherins Interact Physically and Functionally with Neuroligin-2 to Negatively Regulate Inhibitory Synapse Density and Are Required for Normal Social Interaction. <i>Molecular Neurobiology</i> , 2021, 58, 2574-2589.	1.9	21
11	From Circuits to Chromatin: The Emerging Role of Epigenetics in Mental Health. <i>Journal of Neuroscience</i> , 2021, 41, 873-882.	1.7	22
12	Altered hippocampal transcriptome dynamics following sleep deprivation. <i>Molecular Brain</i> , 2021, 14, 125.	1.3	19
13	Depressive symptoms in higher education students during the first wave of the COVID-19 pandemic. An examination of the association with various social risk factors across multiple high- and middle-income countries. <i>SSM - Population Health</i> , 2021, 16, 100936.	1.3	23
14	The functional neural architecture of dysfunctional reward processing in autism. <i>NeuroImage: Clinical</i> , 2021, 31, 102700.	1.4	21
15	Pharmacological activation of <i>Nr4a</i> rescues age-associated memory decline. <i>Neurobiology of Aging</i> , 2020, 85, 140-144.	1.5	24
16	Sociability development in mice with cell-specific deletion of the NMDA receptor NR1 subunit gene. <i>Genes, Brain and Behavior</i> , 2020, 19, e12624.	1.1	11
17	Translational changes induced by acute sleep deprivation uncovered by TRAP-Seq. <i>Molecular Brain</i> , 2020, 13, 165.	1.3	23
18	Selective role of the translin/trax RNase complex in hippocampal synaptic plasticity. <i>Molecular Brain</i> , 2020, 13, 145.	1.3	8

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19	The CBP KIX domain regulates long-term memory and circadian activity. <i>BMC Biology</i> , 2020, 18, 155.	1.7	19
20	0346 Metabolic Aging and Sleep Loss: Metabolite Signatures Link Sleep Deprivation and Aging Across Tissues. <i>Sleep</i> , 2020, 43, A131-A131.	0.6	0
21	Comprehensive Behavioral Phenotyping of a 16p11.2 Del Mouse Model for Neurodevelopmental Disorders. <i>Autism Research</i> , 2020, 13, 1670-1684.	2.1	12
22	Long-lasting transcription in hippocampal area CA1 after contextual fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2020, 172, 107250.	1.0	7
23	Investigating DNA Methylation Changes Associated With Schizophrenia Using a Family-Based Approach. <i>Biological Psychiatry</i> , 2020, 87, S407.	0.7	0
24	Male-specific alterations in structure of isolation call sequences of mouse pups with 16p11.2 deletion. <i>Genes, Brain and Behavior</i> , 2020, 19, e12681.	1.1	19
25	BDNF Serum Levels are Associated With White Matter Microstructure in Schizophrenia - A Pilot Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 31.	1.3	3
26	Nolz1 expression is required in dopaminergic axon guidance and striatal innervation. <i>Nature Communications</i> , 2020, 11, 3111.	5.8	8
27	The Role of Synaptic Cell Adhesion Molecules and Associated Scaffolding Proteins in Social Affiliative Behaviors. <i>Biological Psychiatry</i> , 2020, 88, 442-451.	0.7	27
28	Rolipram treatment during consolidation ameliorates long-term object location memory in aged male mice. <i>Neurobiology of Learning and Memory</i> , 2020, 169, 107168.	1.0	22
29	Predictive Pattern Classification Can Distinguish Gender Identity Subtypes from Behavior and Brain Imaging. <i>Cerebral Cortex</i> , 2020, 30, 2755-2765.	1.6	21
30	Transcriptional corepressor SIN3A regulates hippocampal synaptic plasticity via Homer1/mGluR5 signaling. <i>JCI Insight</i> , 2020, 5, .	2.3	17
31	The Verbal Interaction Social Threat Task: A New Paradigm Investigating the Effects of Social Rejection in Men and Women. <i>Frontiers in Neuroscience</i> , 2019, 13, 830.	1.4	3
32	The critical importance of basic animal research for neuropsychiatric disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 1349-1353.	2.8	106
33	H3.3 Barcoding of Nucleus Accumbens Transcriptional Activity Identifies Novel Molecular Cascades Associated with Cocaine Self-administration in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 5247-5254.	1.7	17
34	Nerve Growth Factor Serum Levels Are Associated With Regional Gray Matter Volume Differences in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2019, 10, 275.	1.3	20
35	HCN4 knockdown in dorsal hippocampus promotes anxiety-like behavior in mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12550.	1.1	18
36	Home-cage hypoactivity in mouse genetic models of autism spectrum disorder. <i>Neurobiology of Learning and Memory</i> , 2019, 165, 107000.	1.0	29

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37	Trax: A versatile signaling protein plays key roles in synaptic plasticity and DNA repair. <i>Neurobiology of Learning and Memory</i> , 2019, 159, 46-51.	1.0	8
38	A brief period of sleep deprivation causes spine loss in the dentate gyrus of mice. <i>Neurobiology of Learning and Memory</i> , 2019, 160, 83-90.	1.0	60
39	Rigor and reproducibility in rodent behavioral research. <i>Neurobiology of Learning and Memory</i> , 2019, 165, 106780.	1.0	65
40	Sex Differences in Autism Spectrum Disorder: a Review. <i>Current Psychiatry Reports</i> , 2018, 20, 9.	2.1	216
41	Learning-dependent chromatin remodeling highlights noncoding regulatory regions linked to autism. <i>Science Signaling</i> , 2018, 11, .	1.6	25
42	Male-specific deficits in natural reward learning in a mouse model of neurodevelopmental disorders. <i>Molecular Psychiatry</i> , 2018, 23, 544-555.	4.1	68
43	Sleep deprivation impairs synaptic tagging in mouse hippocampal slices. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 136-140.	1.0	16
44	A RNAscope whole mount approach that can be combined with immunofluorescence to quantify differential distribution of mRNA. <i>Cell and Tissue Research</i> , 2018, 374, 251-262.	1.5	36
45	Dorsal BNST β -Adrenergic Receptors Produce HCN-Dependent Excitatory Actions That Initiate Anxiogenic Behaviors. <i>Journal of Neuroscience</i> , 2018, 38, 8922-8942.	1.7	31
46	Linking spatial gene expression patterns to sex-specific brain structural changes on a mouse model of 16p11.2 hemideletion. <i>Translational Psychiatry</i> , 2018, 8, 109.	2.4	43
47	Amyloid- β plaques enhance Alzheimer's brain tau-seeded pathologies by facilitating neuritic plaque tau aggregation. <i>Nature Medicine</i> , 2018, 24, 29-38.	15.2	433
48	Sleep Deprivation and the Epigenome. <i>Frontiers in Neural Circuits</i> , 2018, 12, 14.	1.4	70
49	Sociability Deficits and Altered Amygdala Circuits in Mice Lacking <i>Pcdh10</i> , an Autism Associated Gene. <i>Biological Psychiatry</i> , 2017, 81, 193-202.	0.7	51
50	The Impact of Sleep Deprivation on Molecular Mechanisms of Memory Consolidation in Rodents. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017, , 75-85.	0.1	2
51	The tired hippocampus: the molecular impact of sleep deprivation on hippocampal function. <i>Current Opinion in Neurobiology</i> , 2017, 44, 13-19.	2.0	80
52	Caspase-3 and GFAP as early markers for apoptosis and astrogliosis in shRNA-induced hippocampal cytotoxicity. <i>Journal of Experimental Biology</i> , 2017, 220, 1400-1404.	0.8	11
53	Mutation of neuron-specific chromatin remodeling subunit <i>BAF53b</i> : rescue of plasticity and memory by manipulating actin remodeling. <i>Learning and Memory</i> , 2017, 24, 199-209.	0.5	21
54	Acetyl-CoA synthetase regulates histone acetylation and hippocampal memory. <i>Nature</i> , 2017, 546, 381-386.	13.7	329

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55	Electric Fields Boost LTP in Vitro. <i>Brain Stimulation</i> , 2017, 10, e14-e15.	0.7	0
56	Spatiotemporal profile of postsynaptic interactomes integrates components of complex brain disorders. <i>Nature Neuroscience</i> , 2017, 20, 1150-1161.	7.1	104
57	Pharmacological Activators of the NR4A Nuclear Receptors Enhance LTP in a CREB/CBP-Dependent Manner. <i>Neuropsychopharmacology</i> , 2017, 42, 1243-1253.	2.8	45
58	Hyperactivity and male-specific sleep deficits in the 16p11.2 deletion mouse model of autism. <i>Autism Research</i> , 2017, 10, 572-584.	2.1	63
59	Dendritic diameter influences the rate and magnitude of hippocampal cAMP and PKA transients during β_2 -adrenergic receptor activation. <i>Neurobiology of Learning and Memory</i> , 2017, 138, 10-20.	1.0	9
60	Adenosine Differentially Modulates Synaptic Transmission of Excitatory and Inhibitory Microcircuits in Layer 4 of Rat Barrel Cortex. <i>Cerebral Cortex</i> , 2017, 27, 4411-4422.	1.6	39
61	Direct Current Stimulation Modulates LTP and LTD: Activity Dependence and Dendritic Effects. <i>Brain Stimulation</i> , 2017, 10, 51-58.	0.7	255
62	0022 MICRORNAS ARE CROSS-SPECIES MARKERS OF SLEEP LOSS IN HUMANS AND RATS. <i>Sleep</i> , 2017, 40, A8-A8.	0.6	0
63	Role of Gene Transcription in Long-Term Memory Storage. <i>J. Neurosci.</i> , 2017, , 405-405.		0
64	β_2 -adrenergic signaling broadly contributes to LTP induction. <i>PLoS Computational Biology</i> , 2017, 13, e1005657.	1.5	27
65	Learning induces the translin/trax RNase complex to express activin receptors for persistent memory. <i>ELife</i> , 2017, 6, .	2.8	30
66	Transcriptional Regulation of Memory Formation. <i>J. Neurosci.</i> , 2017, , 329-343.		1
67	Historical and Clinical Overview. <i>J. Neurosci.</i> , 2016, , 3-13.		0
68	Sleep deprivation causes memory deficits by negatively impacting neuronal connectivity in hippocampal area CA1. <i>ELife</i> , 2016, 5, .	2.8	191
69	Characterization of a Novel Chromatin Sorting Tool Reveals Importance of Histone Variant H3.3 in Contextual Fear Memory and Motor Learning. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 11.	1.4	7
70	The Role of β Opioid Receptor in Brain Ischemia. <i>Critical Care Medicine</i> , 2016, 44, e1219-e1225.	0.4	20
71	Activation of basolateral amygdala in juvenile C57BL/6J mice during social approach behavior. <i>Neuroscience</i> , 2016, 335, 184-194.	1.1	23
72	Compartmentalized PDE4A5 Signaling Impairs Hippocampal Synaptic Plasticity and Long-Term Memory. <i>Journal of Neuroscience</i> , 2016, 36, 8936-8946.	1.7	52

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73	Contextual fear conditioning induces differential alternative splicing. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 221-235.	1.0	28
74	Sleep deprivation impairs memory by attenuating mTORC1-dependent protein synthesis. <i>Science Signaling</i> , 2016, 9, ra41.	1.6	108
75	To Stay Happy, Keep Your SIRT1 Active. <i>Biological Psychiatry</i> , 2016, 80, 808-809.	0.7	2
76	Altered resonance properties of somatosensory responses in mice deficient for the schizophrenia risk gene Neuregulin 1. <i>Brain Structure and Function</i> , 2016, 221, 4383-4398.	1.2	4
77	Primary blast injury causes cognitive impairments and hippocampal circuit alterations. <i>Experimental Neurology</i> , 2016, 283, 16-28.	2.0	29
78	Sensory encoding in Neuregulin 1 mutants. <i>Brain Structure and Function</i> , 2016, 221, 1067-1081.	1.2	12
79	Memory acquisition and retrieval impact different epigenetic processes that regulate gene expression. <i>BMC Genomics</i> , 2015, 16, S5.	1.2	50
80	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.	3.3	121
81	Animal Studies on the Role of Sleep in Memory: From Behavioral Performance to Molecular Mechanisms. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 25, 183-206.	0.8	56
82	MicroRNAs as biomarkers of resilience or vulnerability to stress. <i>Neuroscience</i> , 2015, 305, 36-48.	1.1	89
83	How data analysis affects power, reproducibility and biological insight of RNA-seq studies in complex datasets. <i>Nucleic Acids Research</i> , 2015, 43, 7664-7674.	6.5	90
84	Molecular Genetic Strategies in the Study of Corticohippocampal Circuits. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a021725.	2.3	4
85	Effects of sleep deprivation and aging on long-term and remote memory in mice. <i>Learning and Memory</i> , 2015, 22, 197-202.	0.5	16
86	Sleep deprivation and hippocampal vulnerability: changes in neuronal plasticity, neurogenesis and cognitive function. <i>Neuroscience</i> , 2015, 309, 173-190.	1.1	233
87	Connectome and Maturation Profiles of the Developing Mouse Brain Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2015, 25, 2696-2706.	1.6	18
88	PKA Anchoring and Synaptic Tagging and Capture. , 2015, , 61-78.		1
89	High Resolution Magnetic Resonance Imaging for Characterization of the Neuroligin-3 Knock-in Mouse Model Associated with Autism Spectrum Disorder. <i>PLoS ONE</i> , 2014, 9, e109872.	1.1	36
90	An open-source toolbox for automated phenotyping of mice in behavioral tasks. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 349.	1.0	92

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91	Transiently Increasing cAMP Levels Selectively in Hippocampal Excitatory Neurons during Sleep Deprivation Prevents Memory Deficits Caused by Sleep Loss. <i>Journal of Neuroscience</i> , 2014, 34, 15715-15721.	1.7	62
92	A Modified Controlled Cortical Impact Technique to Model Mild Traumatic Brain Injury Mechanics in Mice. <i>Frontiers in Neurology</i> , 2014, 5, 100.	1.1	63
93	Suppression of InsP ₃ Receptor-Mediated Ca ²⁺ Signaling Alleviates Mutant Presenilin-Linked Familial Alzheimer's Disease Pathogenesis. <i>Journal of Neuroscience</i> , 2014, 34, 6910-6923.	1.7	95
94	Transcriptional co-repressors and memory storage. <i>Neuropharmacology</i> , 2014, 80, 53-60.	2.0	28
95	Object-location training elicits an overlapping but temporally distinct transcriptional profile from contextual fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 90-95.	1.0	15
96	Sleep deprivation during a specific 3-hour time window post-training impairs hippocampal synaptic plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 122-130.	1.0	106
97	A presynaptic role for PKA in synaptic tagging and memory. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 101-112.	1.0	32
98	Social defeat induces changes in histone acetylation and expression of histone modifying enzymes in the ventral hippocampus, prefrontal cortex, and dorsal raphe nucleus. <i>Neuroscience</i> , 2014, 264, 88-98.	1.1	61
99	Epigenetic advances in clinical neuroscience. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 273-275.	1.8	6
100	Exaggerated [Ca ²⁺] _i Signaling and Alzheimer's Disease-Like Phenotypes of PS1M146V Mice are Attenuated by Decreasing Brain InsP3R-1 Protein Levels. <i>Biophysical Journal</i> , 2013, 104, 121a.	0.2	0
101	Histone Modifications in the Nervous System and Neuropsychiatric Disorders. , 2013, , 35-67.		4
102	Sleep, Plasticity and Memory from Molecules to Whole-Brain Networks. <i>Current Biology</i> , 2013, 23, R774-R788.	1.8	378
103	The Role of Histone Acetylation in Memory Formation and Cognitive Impairments. <i>Neuropsychopharmacology</i> , 2013, 38, 62-76.	2.8	260
104	VMAT1 deletion causes neuronal loss in the hippocampus and neurocognitive deficits in spatial discrimination. <i>Neuroscience</i> , 2013, 232, 32-44.	1.1	16
105	Molecular and cellular cognition: <i>Neurobiology of Learning and Memory Special Issue 2013</i> . <i>Neurobiology of Learning and Memory</i> , 2013, 105, 1-2.	1.0	4
106	The NR4A orphan nuclear receptors mediate transcription-dependent hippocampal synaptic plasticity. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 151-158.	1.0	60
107	Development of home cage social behaviors in BALB/cj vs. C57BL/6J mice. <i>Behavioural Brain Research</i> , 2013, 237, 338-347.	1.2	38
108	The impact of sleep loss on hippocampal function. <i>Learning and Memory</i> , 2013, 20, 558-569.	0.5	91

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109	Daily Acclimation Handling Does Not Affect Hippocampal Long-Term Potentiation or Cause Chronic Sleep Deprivation in Mice. <i>Sleep</i> , 2013, 36, 601-607.	0.6	30
110	Aging in Mice Reduces the Ability to Sustain Sleep/Wake States. <i>PLoS ONE</i> , 2013, 8, e81880.	1.1	79
111	<i>Gadd45b</i> knockout mice exhibit selective deficits in hippocampus-dependent long-term memory. <i>Learning and Memory</i> , 2012, 19, 319-324.	0.5	74
112	The Role of Histone Acetylation in Long-Term Memory Storage. <i>Research and Perspectives in Neurosciences</i> , 2012, , 71-80.	0.4	1
113	Reversal of Impaired Hippocampal Long-Term Potentiation and Contextual Fear Memory Deficits in Angelman Syndrome Model Mice by ErbB Inhibitors. <i>Biological Psychiatry</i> , 2012, 72, 182-190.	0.7	83
114	Genomic analysis of sleep deprivation reveals translational regulation in the hippocampus. <i>Physiological Genomics</i> , 2012, 44, 981-991.	1.0	123
115	Aging impairs hippocampus-dependent long-term memory for object location in mice. <i>Neurobiology of Aging</i> , 2012, 33, 2220-2224.	1.5	115
116	Sociability and brain development in BALB/cj and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2012, 228, 299-310.	1.2	56
117	Gravin Orchestrates Protein Kinase A and β 2-Adrenergic Receptor Signaling Critical for Synaptic Plasticity and Memory. <i>Journal of Neuroscience</i> , 2012, 32, 18137-18149.	1.7	54
118	The impact of sleep deprivation on neuronal and glial signaling pathways important for memory and synaptic plasticity. <i>Cellular Signalling</i> , 2012, 24, 1251-1260.	1.7	156
119	Longitudinal in-vivo diffusion tensor imaging for assessing brain developmental changes in BALB/cj mice, a model of reduced sociability relevant to autism. <i>Brain Research</i> , 2012, 1455, 56-67.	1.1	32
120	Association between sociability and diffusion tensor imaging in BALB/cj mice. <i>NMR in Biomedicine</i> , 2012, 25, 104-112.	1.6	15
121	NR4A nuclear receptors support memory enhancement by histone deacetylase inhibitors. <i>Journal of Clinical Investigation</i> , 2012, 122, 3593-3602.	3.9	128
122	A Molecular Basis for Interactions Between Sleep and Memory. <i>Sleep Medicine Clinics</i> , 2011, 6, 71-84.	1.2	29
123	The role of NR4A transcription factors in memory formation. <i>Brain Research Bulletin</i> , 2011, 85, 21-29.	1.4	111
124	The cholinergic system and neostriatal memory functions. <i>Behavioural Brain Research</i> , 2011, 221, 412-423.	1.2	54
125	Behavioral epigenetics. <i>Annals of the New York Academy of Sciences</i> , 2011, 1226, 14-33.	1.8	109
126	Epigenetic Mechanisms of Memory Consolidation. , 2011, , 267-285.		0

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127	Subregion-specific p300 conditional knock-out mice exhibit long-term memory impairments. <i>Learning and Memory</i> , 2011, 18, 161-169.	0.5	91
128	Post-training intrahippocampal inhibition of class I histone deacetylases enhances long-term object-location memory. <i>Learning and Memory</i> , 2011, 18, 367-370.	0.5	83
129	Astrocyte-Derived Adenosine and A ₁ Receptor Activity Contribute to Sleep Loss-Induced Deficits in Hippocampal Synaptic Plasticity and Memory in Mice. <i>Journal of Neuroscience</i> , 2011, 31, 6956-6962.	1.7	169
130	Colocalization of Protein Kinase A with Adenylyl Cyclase Enhances Protein Kinase A Activity during Induction of Long-Lasting Long-Term-Potentiation. <i>PLoS Computational Biology</i> , 2011, 7, e1002084.	1.5	44
131	Days to criterion as an indicator of toxicity associated with human Alzheimer amyloid β oligomers. <i>Annals of Neurology</i> , 2010, 68, 220-230.	2.8	123
132	Genetic Evidence for a Role for Protein Kinase A in the Maintenance of Sleep and Thalamocortical Oscillations. <i>Sleep</i> , 2010, 33, 19-28.	0.6	25
133	Post-training reversible inactivation of the hippocampus enhances novel object recognition memory. <i>Learning and Memory</i> , 2010, 17, 155-160.	0.5	188
134	Temporal Sensitivity of Protein Kinase A Activation in Late-Phase Long Term Potentiation. <i>PLoS Computational Biology</i> , 2010, 6, e1000691.	1.5	56
135	Involvement of Hippocampal Jun-N Terminal Kinase Pathway in the Enhancement of Learning and Memory by Nicotine. <i>Neuropsychopharmacology</i> , 2010, 35, 483-492.	2.8	40
136	Role of Gene Transcription in Long-Term Memory Storage. , 2010, , 161-179.		3
137	Quantification of Brain Maturation and Growth Patterns in C57BL/6J Mice via Computational Neuroanatomy of Diffusion Tensor Images. <i>Cerebral Cortex</i> , 2009, 19, 675-687.	1.6	89
138	Deficits in spatial memory correlate with modified β -aminobutyric acid type A receptor tyrosine phosphorylation in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20039-20044.	3.3	53
139	Chapter 1 Genetic Dissection of Neural Circuits and Behavior in <i>Mus musculus</i> . <i>Advances in Genetics</i> , 2009, 65, 1-38.	0.8	34
140	Exchange protein activated by cAMP enhances long-term memory formation independent of protein kinase A. <i>Learning and Memory</i> , 2009, 16, 367-370.	0.5	48
141	Induction of Neuronal Vascular Endothelial Growth Factor Expression by cAMP in the Dentate Gyrus of the Hippocampus Is Required for Antidepressant-Like Behaviors. <i>Journal of Neuroscience</i> , 2009, 29, 8493-8505.	1.7	62
142	Chronic ketamine impairs fear conditioning and produces long-lasting reductions in auditory evoked potentials. <i>Neurobiology of Disease</i> , 2009, 35, 311-317.	2.1	43
143	Neuregulin 1 transgenic mice display reduced mismatch negativity, contextual fear conditioning and social interactions. <i>Brain Research</i> , 2009, 1294, 116-127.	1.1	111
144	Developmental etiology for neuroanatomical and cognitive deficits in mice overexpressing G β s, a G-protein subunit genetically linked to schizophrenia. <i>Molecular Psychiatry</i> , 2009, 14, 398-415.	4.1	59

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145	Developmental or adulthood overexpression of $G\beta_5$, a G-protein subunit genetically linked to schizophrenia, is sufficient to cause enlarged lateral ventricles and a smaller dorsal and ventral striatum in adult mice. <i>Molecular Psychiatry</i> , 2009, 14, 347-347.	4.1	8
146	Sleep deprivation impairs cAMP signalling in the hippocampus. <i>Nature</i> , 2009, 461, 1122-1125.	13.7	339
147	Astrocytic Modulation of Sleep Homeostasis and Cognitive Consequences of Sleep Loss. <i>Neuron</i> , 2009, 61, 213-219.	3.8	746
148	Pathology Associated Memory Deficits in Swedish Mutant Genome-Based Amyloid Precursor Protein Transgenic Mice. <i>Current Aging Science</i> , 2009, 2, 205-213.	0.4	14
149	Low sociability is associated with reduced size of the corpus callosum in the BALB/cj inbred mouse strain. <i>Brain Research</i> , 2008, 1230, 211-217.	1.1	67
150	Enhancement of Presynaptic Glutamate Release and Persistent Inflammatory Pain by Increasing Neuronal cAMP in the Anterior Cingulate Cortex. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-40.	1.0	41
151	The role of protein synthesis in memory consolidation: Progress amid decades of debate. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 293-311.	1.0	209
152	Epigenetic targets of HDAC inhibition in neurodegenerative and psychiatric disorders. <i>Current Opinion in Pharmacology</i> , 2008, 8, 57-64.	1.7	444
153	A Novel Conditional Genetic System Reveals That Increasing Neuronal cAMP Enhances Memory and Retrieval. <i>Journal of Neuroscience</i> , 2008, 28, 6220-6230.	1.7	29
154	Chapter 6 Regulation of hippocampus-dependent memory by cyclic AMP-dependent protein kinase. <i>Progress in Brain Research</i> , 2008, 169, 97-115.	0.9	162
155	Constitutive activation of the G-protein subunit $G\beta_5$ within forebrain neurons causes PKA-dependent alterations in fear conditioning and cortical <i>Arc</i> mRNA expression. <i>Learning and Memory</i> , 2008, 15, 75-83.	0.5	35
156	A loss of function allele for murine Stauf1 leads to impairment of dendritic Stauf1-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
157	Chronic $G\beta_5$ Signaling in the Striatum Increases Anxiety-Related Behaviors Independent of Developmental Effects. <i>Journal of Neuroscience</i> , 2008, 28, 13952-13956.	1.7	30
158	β_2 -Adrenergic receptor activation during distinct patterns of stimulation critically modulates the PKA-dependence of LTP in the mouse hippocampus. <i>Learning and Memory</i> , 2008, 15, 281-289.	0.5	58
159	The cAMP/PKA Pathway and the Modeling of Human Memory Disorders in Mice. <i>Advances in Psychology</i> , 2008, 139, 301-315.	0.1	1
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