

John F Disterhoft

List of Publications by Year in descending order

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Version: 2024-02-01

211
papers

16,964
citations

17776

65
h-index

20625

120
g-index

219
all docs

219
docs citations

219
times ranked

13504
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-induced Alzheimer's-like syndrome in the rabbit. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12241.	1.8	4
2	Ageing-Related Alterations to Persistent Firing in the Lateral Entorhinal Cortex Contribute to Deficits in Temporal Associative Memory. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 838513.	1.7	1
3	<i>In Vivo</i> Multi-Day Calcium Imaging of CA1 Hippocampus in Freely Moving Rats Reveals a High Preponderance of Place Cells with Consistent Place Fields. <i>Journal of Neuroscience</i> , 2022, 42, 4538-4554.	1.7	23
4	Sex-Dependent Effects of Chronic Microdrive Implantation on Acquisition of Trace Eyeblink Conditioning. <i>Neurobiology of Learning and Memory</i> , 2022, 193, 107649.	1.0	1
5	Detection of memory- and learning-related brain connectivity changes following trace eyeblink conditioning using resting-state functional magnetic resonance imaging in the awake rabbit. <i>Journal of Comparative Neurology</i> , 2021, 529, 1597-1606.	0.9	2
6	Intact Female Mice Acquire Trace Eyeblink Conditioning Faster than Male and Ovariectomized Female Mice. <i>ENeuro</i> , 2021, 8, ENEURO.0199-20.2021.	0.9	5
7	Cognitive aging is associated with redistribution of synaptic weights in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
8	Variability in sub-threshold signaling linked to Alzheimer's disease emerges with age and amyloid plaque deposition in mouse ventral CA1 pyramidal neurons. <i>Neurobiology of Aging</i> , 2021, 106, 207-222.	1.5	5
9	Learning and aging affect neuronal excitability and learning. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107133.	1.0	20
10	Conditioned Contextual Freezing is A Neurobehavioral Biomarker of Axonal Injury Indicated by Reduced Fractional Anisotropy in A Mouse Model of Blast-Induced Mild Traumatic Brain Injury. <i>Shock</i> , 2020, 53, 744-753.	1.0	9
11	A β oligomer induced cognitive impairment and evaluation of ACU193-based MRI in rabbit. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12087.	1.8	4
12	Why is synaptic plasticity not enough?. <i>Neurobiology of Learning and Memory</i> , 2020, 176, 107336.	1.0	5
13	Intrinsic Excitability Increase in Cerebellar Purkinje Cells after Delay Eye-Blink Conditioning in Mice. <i>Journal of Neuroscience</i> , 2020, 40, 2038-2046.	1.7	34
14	Contingency awareness, aging, and the parietal lobe. <i>Neurobiology of Aging</i> , 2020, 91, 125-135.	1.5	3
15	Persistent firing in LEC III neurons is differentially modulated by learning and aging. <i>ELife</i> , 2020, 9, .	2.8	15
16	Cover Image, Volume 29, Issue 6. <i>Hippocampus</i> , 2019, 29, C1.	0.9	0
17	How do we validate approaches that aim to harness reserve to improve the aging brain?. <i>Neurobiology of Aging</i> , 2019, 83, 145-149.	1.5	1
18	Differential responsivity of neurons in perirhinal cortex, lateral entorhinal cortex, and dentate gyrus during time-bridging learning. <i>Hippocampus</i> , 2019, 29, 511-526.	0.9	16

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19	Genetic Ablation of Neural Progenitor Cells Impairs Acquisition of Trace Eyeblink Conditioning. <i>ENeuro</i> , 2019, 6, ENEURO.0251-19.2019.	0.9	4
20	The rabbit as a behavioral model system for magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2018, 300, 196-205.	1.3	10
21	Store depletion-induced h-channel plasticity rescues a channelopathy linked to Alzheimer's disease. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 141-157.	1.0	17
22	The Development of Rapastinel (Formerly GLYX-13); A Rapid Acting and Long Lasting Antidepressant. <i>Current Neuropharmacology</i> , 2017, 15, 47-56.	1.4	75
23	Building Bridges through Science. <i>Neuron</i> , 2017, 96, 730-735.	3.8	2
24	CREB, cellular excitability, and cognition: Implications for aging. <i>Behavioural Brain Research</i> , 2017, 322, 206-211.	1.2	46
25	Eyeblink Conditioning – A Behavioral Model of Procedural and Declarative Learning. , 2017, , 327-355.		0
26	CREB overexpression in dorsal CA1 ameliorates long-term memory deficits in aged rats. <i>ELife</i> , 2017, 6, .	2.8	46
27	Intrinsic Hippocampal Excitability Changes of Opposite Signs and Different Origins in CA1 and CA3 Pyramidal Neurons Underlie Aging-Related Cognitive Deficits. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 52.	1.2	56
28	Whisker-signaled Eyeblink Classical Conditioning in Head-fixed Mice. <i>Journal of Visualized Experiments</i> , 2016, , e53310.	0.2	8
29	Intrinsic connectivity of neural networks in the awake rabbit. <i>NeuroImage</i> , 2016, 129, 260-267.	2.1	24
30	Pretrial functional connectivity differentiates behavioral outcomes during trace eyeblink conditioning in the rabbit. <i>Learning and Memory</i> , 2016, 23, 161-168.	0.5	4
31	Activity-induced manganese-dependent MRI (AIM-MRI) and functional MRI in awake rabbits during somatosensory stimulation. <i>NeuroImage</i> , 2016, 126, 72-80.	2.1	12
32	Robust hippocampal responsivity during retrieval of consolidated associative memory. <i>Hippocampus</i> , 2015, 25, 655-669.	0.9	34
33	The impact of hippocampal lesions on trace-eyeblink conditioning and forebrain-cerebellar interactions.. <i>Behavioral Neuroscience</i> , 2015, 129, 512-522.	0.6	27
34	Hippocampectomy disrupts trace eye-blink conditioning in rabbits.. <i>Behavioral Neuroscience</i> , 2015, 129, 523-532.	0.6	234
35	Eyeblink Conditioning and Novel Object Recognition in the Rabbit: Behavioral Paradigms for Assaying Psychiatric Diseases. <i>Frontiers in Psychiatry</i> , 2015, 6, 142.	1.3	12
36	Aging-Related Hyperexcitability in CA3 Pyramidal Neurons Is Mediated by Enhanced A-Type K ⁺ Channel Function and Expression. <i>Journal of Neuroscience</i> , 2015, 35, 13206-13218.	1.7	85

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37	Rapastinel (GLYX-13) has therapeutic potential for the treatment of post-traumatic stress disorder: Characterization of a NMDA receptor-mediated metaplasticity process in the medial prefrontal cortex of rats. <i>Behavioural Brain Research</i> , 2015, 294, 177-185.	1.2	50
38	The long-lasting antidepressant effects of rapastinel (GLYX-13) are associated with a metaplasticity process in the medial prefrontal cortex and hippocampus. <i>Neuroscience</i> , 2015, 308, 202-211.	1.1	72
39	Increased Excitability of Both Principal Neurons and Interneurons during Associative Learning. <i>Neuroscientist</i> , 2015, 21, 372-384.	2.6	30
40	Age-related impairments on one hippocampal-dependent task predict impairments on a subsequent hippocampal-dependent task. <i>Behavioral Neuroscience</i> , 2014, 128, 676-688.	0.6	11
41	Functional MRI of cerebellar activity during eyeblink classical conditioning in children and adults. <i>Human Brain Mapping</i> , 2014, 35, 1390-1403.	1.9	38
42	GLYX-13, an NMDA receptor glycine site functional partial agonist enhances cognition and produces antidepressant effects without the psychotomimetic side effects of NMDA receptor antagonists. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 243-254.	1.9	107
43	Functional Reorganization of a Prefrontal Cortical Network Mediating Consolidation of Trace Eyeblink Conditioning. <i>Journal of Neuroscience</i> , 2014, 34, 1432-1445.	1.7	59
44	Surface α -type Ca_v2+ channel expression levels are increased in aged hippocampus. <i>Aging Cell</i> , 2014, 13, 111-120.	3.0	43
45	Dendritic spinopathy in transgenic mice expressing ALS/dementia-linked mutant <i>UBQLN2</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14524-14529.	3.3	68
46	Caudate Nucleus in Retrieval of Trace Eyeblink Conditioning after Consolidation. <i>Journal of Neuroscience</i> , 2013, 33, 2828-2836.	1.7	10
47	Learning Increases Intrinsic Excitability of Hippocampal Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 5499-5506.	1.7	66
48	Altered Calcium Metabolism in Aging CA1 Hippocampal Pyramidal Neurons. <i>Journal of Neuroscience</i> , 2013, 33, 7905-7911.	1.7	72
49	Perirhinal and postrhinal, but not lateral entorhinal, cortices are essential for acquisition of trace eyeblink conditioning. <i>Learning and Memory</i> , 2013, 20, 80-84.	0.5	25
50	Increasing SK2 channel activity impairs associative learning. <i>Journal of Neurophysiology</i> , 2012, 108, 863-870.	0.9	40
51	Infragranular barrel cortex activity is enhanced with learning. <i>Journal of Neurophysiology</i> , 2012, 108, 1278-1287.	0.9	13
52	A MRI-compatible system for whisker stimulation. <i>Journal of Neuroscience Methods</i> , 2012, 205, 305-311.	1.3	12
53	The N-methyl-d-aspartate receptor modulator GLYX-13 enhances learning and memory, in young adult and learning impaired aging rats. <i>Neurobiology of Aging</i> , 2011, 32, 698-706.	1.5	82
54	Mechanisms underlying basal and learning-related intrinsic excitability in a mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 1452-1465.	1.5	84

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55	Age-related deficits in a forebrain-dependent task, trace-eyeblick conditioning. <i>Neurobiology of Aging</i> , 2011, 32, 1915-1922.	1.5	19
56	Positive emotional learning is regulated in the medial prefrontal cortex by GluN2B-containing NMDA receptors. <i>Neuroscience</i> , 2011, 192, 515-523.	1.1	52
57	Physiological and anatomical studies of associative learning: Convergence with learning studies of W.T. Greenough. <i>Developmental Psychobiology</i> , 2011, 53, 489-504.	0.9	2
58	Exploring prefrontal cortical memory mechanisms with eyeblink conditioning.. <i>Behavioral Neuroscience</i> , 2011, 125, 318-326.	0.6	91
59	Reevaluating hippocampus-dependent learning in FVB/N mice.. <i>Behavioral Neuroscience</i> , 2011, 125, 871-878.	0.6	24
60	The effects of aging in delay and trace human eyeblink conditioning.. <i>Psychology and Aging</i> , 2010, 25, 684-690.	1.4	21
61	Learning and aging related changes in intrinsic neuronal excitability. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 2.	1.7	104
62	Cellular mechanisms for altered learning in aging. <i>Future Neurology</i> , 2010, 5, 147-155.	0.9	8
63	Synaptic strength and postsynaptically silent synapses through advanced aging in rat hippocampal CA1 pyramidal neurons. <i>Neurobiology of Aging</i> , 2010, 31, 813-825.	1.5	33
64	BMP Signaling Mediates Effects of Exercise on Hippocampal Neurogenesis and Cognition in Mice. <i>PLoS ONE</i> , 2009, 4, e7506.	1.1	97
65	Memory deficits are associated with impaired ability to modulate neuronal excitability in middle-aged mice. <i>Learning and Memory</i> , 2009, 16, 362-366.	0.5	98
66	Learning-related postburst afterhyperpolarization reduction in CA1 pyramidal neurons is mediated by protein kinase A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1620-1625.	3.3	57
67	Blocking the BK channel impedes acquisition of trace eyeblink conditioning. <i>Learning and Memory</i> , 2009, 16, 106-109.	0.5	40
68	Caudate Nucleus Is Critically Involved in Trace Eyeblink Conditioning. <i>Journal of Neuroscience</i> , 2009, 29, 14511-14520.	1.7	26
69	The Fast and Slow Afterhyperpolarizations Are Differentially Modulated in Hippocampal Neurons by Aging and Learning. <i>Journal of Neuroscience</i> , 2009, 29, 4750-4755.	1.7	98
70	Balanced gene regulation by an embryonic brain ncRNA is critical for adult hippocampal GABA circuitry. <i>Nature Neuroscience</i> , 2009, 12, 1020-1027.	7.1	355
71	A novel method for precisely timed stimulation of mouse whiskers in a freely moving preparation: Application for delivery of the conditioned stimulus in trace eyeblink conditioning. <i>Journal of Neuroscience Methods</i> , 2009, 177, 434-439.	1.3	18
72	Autophosphorylation of $\hat{\pm}$ CaMKII downregulates excitability of CA1 pyramidal neurons following synaptic stimulation. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 120-123.	1.0	18

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73	Kalirin regulates cortical spine morphogenesis and disease-related behavioral phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13058-13063.	3.3	150
74	Intrinsic Neuronal Excitability Is Reversibly Altered by a Single Experience in Fear Conditioning. Journal of Neurophysiology, 2009, 102, 2763-2770.	0.9	76
75	Evoking blinks with natural stimulation and detecting them with a noninvasive optical device: A simple, inexpensive method for use with freely moving animals. Journal of Neuroscience Methods, 2008, 173, 108-113.	1.3	10
76	Enhanced neuronal excitability in rat CA1 pyramidal neurons following trace eyeblink conditioning acquisition is not due to alterations in IM. Neurobiology of Learning and Memory, 2008, 89, 125-133.	1.0	14
77	Where is the trace in trace conditioning?. Trends in Neurosciences, 2008, 31, 105-112.	4.2	207
78	Neural substrates underlying human delay and trace eyeblink conditioning. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8108-8113.	3.3	196
79	Functional Magnetic Resonance Imaging of Delay and Trace Eyeblink Conditioning in the Primary Visual Cortex of the Rabbit. Journal of Neuroscience, 2008, 28, 4974-4981.	1.7	20
80	The BK-mediated fAHP is modulated by learning a hippocampus-dependent task. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15154-15159.	3.3	85
81	Coupling of L-Type Ca^{2+} Channels to $K^{V7}/KCNQ$ Channels Creates a Novel, Activity-Dependent, Homeostatic Intrinsic Plasticity. Journal of Neurophysiology, 2008, 100, 1897-1908.	0.9	47
82	Procedural memory system supports single cue trace eyeblink conditioning in medial temporal lobe amnesia.. Neuropsychology, 2008, 22, 278-282.	1.0	4
83	Delay discrimination and reversal eyeblink classical conditioning in abstinent chronic alcoholics.. Neuropsychology, 2008, 22, 196-208.	1.0	44
84	Cortical barrel lesions impair whisker-CS trace eyeblink conditioning. Learning and Memory, 2007, 14, 94-100.	0.5	61
85	Connections of the caudal anterior cingulate cortex in rabbit: Neural circuitry participating in the acquisition of trace eyeblink conditioning. Neuroscience, 2007, 145, 288-302.	1.1	44
86	Stability and plasticity of intrinsic membrane properties in hippocampal CA1 pyramidal neurons: effects of internal anions. Journal of Physiology, 2007, 578, 799-818.	1.3	66
87	Alterations in intrinsic neuronal excitability during normal aging. Aging Cell, 2007, 6, 327-336.	3.0	116
88	BACE1 gene deletion prevents neuron loss and memory deficits in 5XFAD APP/PS1 transgenic mice. Neurobiology of Disease, 2007, 26, 134-145.	2.1	272
89	Galantamine increases excitability of CA1 hippocampal pyramidal neurons. Neuroscience, 2006, 137, 113-123.	1.1	24
90	Comparisons of dorsal and ventral hippocampus cornu ammonis region 1 pyramidal neuron activity during trace eye-blink conditioning in the rabbit. Neuroscience, 2006, 141, 1123-1137.	1.1	52

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91	Learning, aging and intrinsic neuronal plasticity. Trends in Neurosciences, 2006, 29, 587-599.	4.2	198
92	Temporal memory deficits in Alzheimer's mouse models: rescue by genetic deletion of BACE1. European Journal of Neuroscience, 2006, 23, 251-260.	1.2	256
93	Differential effects of $\hat{\pm}$ CaMKII mutation on hippocampal learning and changes in intrinsic neuronal excitability. European Journal of Neuroscience, 2006, 23, 2235-2240.	1.2	34
94	Pharmacological and molecular enhancement of learning in aging and Alzheimer's disease. Journal of Physiology (Paris), 2006, 99, 180-192.	2.1	58
95	Simultaneous training on two hippocampus-dependent tasks facilitates acquisition of trace eyeblink conditioning. Learning and Memory, 2006, 13, 201-207.	0.5	19
96	Vibrissa-Signaled Eyeblink Conditioning Induces Somatosensory Cortical Plasticity. Journal of Neuroscience, 2006, 26, 6062-6068.	1.7	59
97	Intraneuronal beta-Amyloid Aggregates, Neurodegeneration, and Neuron Loss in Transgenic Mice with Five Familial Alzheimer's Disease Mutations: Potential Factors in Amyloid Plaque Formation. Journal of Neuroscience, 2006, 26, 10129-10140.	1.7	2,607
98	Forebrain-Cerebellar Interactions During Learning. Cellscience, 2006, 3, 200-230.	0.3	7
99	Trace Eyeblink Conditioning in Abstinent Alcoholic Individuals: Effects of Complex Task Demands and Prior Conditioning.. Neuropsychology, 2005, 19, 159-170.	1.0	14
100	Behavioral deficits associated with fetal alcohol exposure are reversed by prenatal thyroid hormone treatment: a role for maternal thyroid hormone deficiency in FAE. Molecular Psychiatry, 2005, 10, 961-971.	4.1	74
101	A fiber optic-based system for behavioral eyeblink measurement in a MRI environment. Journal of Neuroscience Methods, 2005, 141, 83-87.	1.3	14
102	Acute stress facilitates trace eyeblink conditioning in C57BL/6 male mice and increases the excitability of their CA1 pyramidal neurons. Learning and Memory, 2005, 12, 138-143.	0.5	36
103	Trace eyeblink conditioning requires the hippocampus but not autophosphorylation of \hat{A} CaMKII in mice. Learning and Memory, 2005, 12, 211-215.	0.5	22
104	GLYX-13: A monoclonal antibody-derived peptide that acts as an N-methyl-d-aspartate receptor modulator. Neuropharmacology, 2005, 49, 1077-1087.	2.0	86
105	Cognitive Neuroscience. , 2005, , 341-349.		1
106	Slow Afterhyperpolarization Governs the Development of NMDA Receptor-Dependent Afterdepolarization in CA1 Pyramidal Neurons During Synaptic Stimulation. Journal of Neurophysiology, 2004, 92, 2346-2356.	0.9	59
107	Galantamine Facilitates Acquisition of Hippocampus-Dependent Trace Eyeblink Conditioning in Aged Rabbits. Learning and Memory, 2004, 11, 108-115.	0.5	36
108	Trace eyeblink conditioning is hippocampally dependent in mice. Hippocampus, 2004, 14, 58-65.	0.9	122

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109	Aging-related alterations in the distribution of Ca ²⁺ -dependent PKC isoforms in rabbit hippocampus. <i>Hippocampus</i> , 2004, 14, 849-860.	0.9	37
110	Aging, spatial learning, and total synapse number in the rat CA1 stratum radiatum. <i>Neurobiology of Aging</i> , 2004, 25, 407-416.	1.5	145
111	Biophysical alterations of hippocampal pyramidal neurons in learning, ageing and Alzheimer's disease. <i>Ageing Research Reviews</i> , 2004, 3, 383-406.	5.0	86
112	BACE1 Deficiency Rescues Memory Deficits and Cholinergic Dysfunction in a Mouse Model of Alzheimer's Disease. <i>Neuron</i> , 2004, 41, 27-33.	3.8	506
113	Lubeluzole and conditioned learning after cerebral ischemia. <i>Experimental Brain Research</i> , 2003, 152, 329-334.	0.7	8
114	Functional magnetic resonance imaging in the awake rabbit: a system for stimulus presentation and response detection during eyeblink conditioning. <i>Journal of Neuroscience Methods</i> , 2003, 130, 45-52.	1.3	8
115	Modulation of cholinergic transmission enhances excitability of hippocampal pyramidal neurons and ameliorates learning impairments in aging animals. <i>Neurobiology of Learning and Memory</i> , 2003, 80, 223-233.	1.0	29
116	Conditional Discrimination Learning in Patients With Bilateral Medial Temporal Lobe Amnesia.. <i>Behavioral Neuroscience</i> , 2003, 117, 1181-1195.	0.6	21
117	Watermaze Learning Enhances Excitability of CA1 Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2003, 90, 2171-2179.	0.9	152
118	Single Neurons in CA1 Hippocampus Encode Trace Interval Duration during Trace Heart Rate (Fear) Conditioning in Rabbit. <i>Journal of Neuroscience</i> , 2003, 23, 1535-1547.	1.7	159
119	Activity Profiles of Single Neurons in Caudal Anterior Cingulate Cortex During Trace Eyeblink Conditioning in the Rabbit. <i>Journal of Neurophysiology</i> , 2003, 90, 599-612.	0.9	81
120	fMRI of the Conscious Rabbit during Unilateral Classical Eyeblink Conditioning Reveals Bilateral Cerebellar Activation. <i>Journal of Neuroscience</i> , 2003, 23, 11753-11758.	1.7	64
121	Chapter 5 Calcium homeostasis and learning deficits in aging. <i>Advances in Cell Aging and Gerontology</i> , 2002, , 67-89.	0.1	0
122	Impaired Eyeblink Conditioning and Decreased Hippocampal Volume in PDAPP V717F Mice. <i>Neurobiology of Disease</i> , 2002, 11, 425-433.	2.1	65
123	Age-related biophysical alterations of hippocampal pyramidal neurons: implications for learning and memory. <i>Ageing Research Reviews</i> , 2002, 1, 181-207.	5.0	88
124	Age-Related Enhancement of the Slow Outward Calcium-Activated Potassium Current in Hippocampal CA1 Pyramidal Neurons<i>In Vitro</i>. <i>Journal of Neuroscience</i> , 2002, 22, 7234-7243.	1.7	153
125	Temporal Discrimination Learning in Abstinent Chronic Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 804-811.	1.4	16
126	Temporal Discrimination Learning in Abstinent Chronic Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 804-811.	1.4	10

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127	Cellular Alterations in Hippocampus During Acquisition and Consolidation of Hippocampus-Dependent Trace Eyeblink Conditioning. , 2002, , 313-334.		0
128	Temporal discrimination learning in abstinent chronic alcoholics. Alcoholism: Clinical and Experimental Research, 2002, 26, 804-11.	1.4	11
129	Age-related effects on eyeblink conditioning in the F344 Å— BN F1 hybrid rat. Neurobiology of Aging, 2001, 22, 1-8.	1.5	70
130	Associative Learning Elicits the Formation of Multiple-Synapse Boutons. Journal of Neuroscience, 2001, 21, 5568-5573.	1.7	226
131	Metrifonate Decreases s<i>l</i> _{AHP} in CA1 Pyramidal Neurons In Vitro. Journal of Neurophysiology, 2001, 85, 319-322.	0.9	38
132	Aging and Learning-Specific Changes in Single-Neuron Activity in CA1 Hippocampus During Rabbit Trace Eyeblink Conditioning. Journal of Neurophysiology, 2001, 86, 1839-1857.	0.9	74
133	Awareness in classical differential eyeblink conditioning in young and aging humans.. Behavioral Neuroscience, 2001, 115, 747-757.	0.6	86
134	Eyeblink conditioning in the rabbit (<i>Oryctolagus cuniculus</i>) with stimulation of the mystacial vibrissae as a conditioned stimulus. Behavioral Neuroscience, 2001, 115, 731-6.	0.6	18
135	Spared discrimination and impaired reversal eyeblink conditioning in patients with temporal lobe amnesia. Behavioral Neuroscience, 2001, 115, 1171-9.	0.6	7
136	Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning.. Neuropsychology, 2000, 14, 537-550.	1.0	20
137	Remodeling of hippocampal synapses after hippocampus-dependent associative learning. , 2000, 417, 49-59.		82
138	fMRI of visual system activation in the conscious rabbit. Magnetic Resonance in Medicine, 2000, 44, 474-478.	1.9	50
139	Neurotoxic lesions of the dorsal hippocampus disrupt auditory-cued trace heart rate (fear) conditioning in rabbits. Hippocampus, 2000, 10, 739-751.	0.9	78
140	Apamin increases excitability of CA1 hippocampal pyramidal neurons. Neuroscience Research Communications, 2000, 27, 135-142.	0.2	21
141	Increased Excitability of Aged Rabbit CA1 Neurons after Trace Eyeblink Conditioning. Journal of Neuroscience, 2000, 20, 5476-5482.	1.7	143
142	The M1 Muscarinic Agonist CI-1017 Facilitates Trace Eyeblink Conditioning in Aging Rabbits and Increases the Excitability of CA1 Pyramidal Neurons. Journal of Neuroscience, 2000, 20, 783-790.	1.7	82
143	Remodeling of hippocampal synapses after hippocampus-dependent associative learning. Journal of Comparative Neurology, 2000, 417, 49.	0.9	3
144	Cortical involvement in acquisition and extinction of trace eyeblink conditioning. Behavioral Neuroscience, 2000, 114, 1058-67.	0.6	129

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145	Protein Kinase C Signaling in Learning and Memory. , 2000, , 105-125.		0
146	Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning. Neuropsychology, 2000, 14, 537-50.	1.0	13
147	Metrifonate Increases Neuronal Excitability in CA1 Pyramidal Neurons from Both Young and Aging Rabbit Hippocampus. Journal of Neuroscience, 1999, 19, 1814-1823.	1.7	57
148	Hippampectomy disrupts auditory trace fear conditioning and contextual fear conditioning in the rat. , 1999, 8, 638-646.		349
149	Hippocampal encoding of non-spatial trace conditioning. , 1999, 9, 385-396.		111
150	Hippocampal lesions prevent trace eyeblink conditioning in the freely moving rat. Behavioural Brain Research, 1999, 99, 123-132.	1.2	269
151	Cholinergic facilitation of trace eyeblink conditioning in aging rabbits. Life Sciences, 1999, 64, 541-548.	2.0	38
152	Effects of Hypothermia and Lamotrigine on Trace-Conditioned Learning after Global Cerebral Ischemia in Rabbits. Experimental Neurology, 1999, 159, 105-113.	2.0	11
153	Temporal discrimination learning in severe amnesic patients reveals an alteration in the timing of eyeblink conditioned responses.. Behavioral Neuroscience, 1999, 113, 10-18.	0.6	25
154	Trace eyeblink conditioning in the freely moving rat: optimizing the conditioning parameters. Behavioral Neuroscience, 1999, 113, 1100-5.	0.6	26
155	Temporal discrimination learning in severe amnesic patients reveals an alteration in the timing of eyeblink conditioned responses. Behavioral Neuroscience, 1999, 113, 10-8.	0.6	14
156	Spatial learning and memory in aging C57BL/6 mice. , 1998, 23, 77-92.		22
157	Activity of hippocampal pyramidal neurons during trace eyeblink conditioning. , 1998, 6, 192-209.		83
158	Conditioning, awareness, and the hippocampus. , 1998, 8, 620-626.		64
159	Lesions of the Caudal Area of Rabbit Medial Prefrontal Cortex Impair Trace Eyeblink Conditioning. Neurobiology of Learning and Memory, 1998, 69, 147-162.	1.0	181
160	Metrifonate improves associative learning and retention in aging rabbits.. Behavioral Neuroscience, 1997, 111, 1031-1040.	0.6	47
161	Impaired trace eyeblink conditioning in bilateral, medial-temporal lobe amnesia.. Behavioral Neuroscience, 1997, 111, 873-882.	0.6	217
162	Age- and dose-dependent facilitation of associative eyeblink conditioning by {d}-cycloserine in rabbits.. Behavioral Neuroscience, 1997, 111, 1303-1312.	0.6	60

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164	Age-dependent changes in the immunoreactivity for neurofilaments in rabbit hippocampus. <i>Neuroscience</i> , 1997, 79, 103-116.	1.1	21
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