

The Restless Engram: Consolidations Never End

Annual Review of Neuroscience

35, 227-247

DOI: [10.1146/annurev-neuro-062111-150500](https://doi.org/10.1146/annurev-neuro-062111-150500)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Detecting Representations of Recent and Remote Autobiographical Memories in vmPFC and Hippocampus. <i>Journal of Neuroscience</i> , 2012, 32, 16982-16991.	1.7	191
2	Reconsolidation of Long-Term Memory in <i>Aplysia</i> . <i>Current Biology</i> , 2012, 22, 1783-1788.	1.8	58
3	Focus on neural control of feeding. <i>Nature Neuroscience</i> , 2012, 15, 1321-1321.	7.1	0
4	Recognition memory and synaptic plasticity in the perirhinal and prefrontal cortices. <i>Hippocampus</i> , 2012, 22, 2012-2031.	0.9	21
5	Humans can learn new information during sleep. <i>Nature Neuroscience</i> , 2012, 15, 1460-1465.	7.1	180
6	Reconsolidation of memory: A decade of debate. <i>Progress in Neurobiology</i> , 2012, 99, 61-80.	2.8	171
7	What pharmacological interventions indicate concerning the role of the perirhinal cortex in recognition memory. <i>Neuropsychologia</i> , 2012, 50, 3122-3140.	0.7	72
8	Chronic scopolamine-injection-induced cognitive deficit on reward-directed instrumental learning in rat is associated with CREB signaling activity in the cerebral cortex and dorsal hippocampus. <i>Psychopharmacology</i> , 2013, 230, 245-260.	1.5	28
9	Memory: sins and virtues. <i>Annals of the New York Academy of Sciences</i> , 2013, 1303, 56-60.	1.8	5
10	Neural mechanisms of reactivation-induced updating that enhance and distort memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19671-19678.	3.3	73
11	The selectivity of aversive memory reconsolidation and extinction processes depends on the initial encoding of the Pavlovian association. <i>Learning and Memory</i> , 2013, 20, 695-699.	0.5	25
12	Memory expression is independent of memory labilization/reconsolidation. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 283-291.	1.0	34
13	Dynamics of dendritic spines in the mouse auditory cortex during memory formation and memory recall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18315-18320.	3.3	118
14	Genome-wide analysis of H4K5 acetylation associated with fear memory in mice. <i>BMC Genomics</i> , 2013, 14, 539.	1.2	47
15	Memory reconsolidation. <i>Current Biology</i> , 2013, 23, R746-R750.	1.8	213
16	Susceptibility of memory consolidation during lapses in recall. <i>Nature Communications</i> , 2013, 4, 1578.	5.8	36
17	The Discovery of Memory Reconsolidation. , 2013, , 1-13.		14
18	Hippocampus and striatum: Dynamics and interaction during acquisition and sleep-related motor sequence memory consolidation. <i>Hippocampus</i> , 2013, 23, 985-1004.	0.9	214

#	ARTICLE	IF	CITATIONS
19	Early visual learning induces long-lasting connectivity changes during rest in the human brain. <i>NeuroImage</i> , 2013, 77, 148-156.	2.1	36
20	The temporal dynamics of enhancing a human declarative memory during reconsolidation. <i>Neuroscience</i> , 2013, 246, 397-408.	1.1	38
21	Factors affecting graded and ungraded memory loss following hippocampal lesions. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 351-364.	1.0	24
22	Addiction: a drug-induced disorder of memory reconsolidation. <i>Current Opinion in Neurobiology</i> , 2013, 23, 573-580.	2.0	77
23	Neural pattern similarity predicts long-term fear memory. <i>Nature Neuroscience</i> , 2013, 16, 388-390.	7.1	97
24	Physiological basis for emotional modulation of memory circuits by the amygdala. <i>Current Opinion in Neurobiology</i> , 2013, 23, 381-386.	2.0	55
25	Memory and law: what can cognitive neuroscience contribute?. <i>Nature Neuroscience</i> , 2013, 16, 119-123.	7.1	132
26	Sleep for Preserving and Transforming Episodic Memory. <i>Annual Review of Neuroscience</i> , 2013, 36, 79-102.	5.0	190
27	The Role and Dynamic of Strengthening in the Reconsolidation Process in a Human Declarative Memory: What Decides the Fate of Recent and Older Memories?. <i>PLoS ONE</i> , 2013, 8, e61688.	1.1	44
28	Learning Causes Reorganization of Neuronal Firing Patterns to Represent Related Experiences within a Hippocampal Schema. <i>Journal of Neuroscience</i> , 2013, 33, 10243-10256.	1.7	108
29	Memory reconsolidation allows the consolidation of a concomitant weak learning through a synaptic tagging and capture mechanism. <i>Hippocampus</i> , 2013, 23, 931-941.	0.9	26
30	Neurons Activated During Fear Memory Consolidation and Reconsolidation are Mapped to a Common and New Topography in the Lateral Amygdala. <i>Brain Topography</i> , 2013, 26, 468-478.	0.8	20
31	Memorable Trends. <i>Neuron</i> , 2013, 80, 742-750.	3.8	47
32	Activity in prelimbic cortex subserves fear memory reconsolidation over time. <i>Learning and Memory</i> , 2014, 21, 14-20.	0.5	44
33	Memory Reconsolidation. , 2013, , 81-117.		43
34	Reconsolidation in Humans. , 2013, , 185-211.		2
35	Synaptic Scaling Enables Dynamically Distinct Short- and Long-Term Memory Formation. <i>PLoS Computational Biology</i> , 2013, 9, e1003307.	1.5	43
36	Hippocampal immediate poststimulus activity in the encoding of consecutive naturalistic episodes.. <i>Journal of Experimental Psychology: General</i> , 2013, 142, 1255-1263.	1.5	116

#	ARTICLE	IF	CITATIONS
37	Memory reconsolidation and its maintenance depend on L-voltage-dependent calcium channels and CaMKII functions regulating protein turnover in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6566-6570.	3.3	48
38	Extinction during reconsolidation of threat memory diminishes prefrontal cortex involvement. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20040-20045.	3.3	253
39	Consolidation Differentially Modulates Schema Effects on Memory for Items and Associations. PLoS ONE, 2013, 8, e56155.	1.1	41
40	Learning to Attend to Threat Accelerates and Enhances Memory Consolidation. PLoS ONE, 2013, 8, e62501.	1.1	21
41	Expression of c-Fos in the rat retrosplenial cortex during instrumental re-learning of appetitive bar-pressing depends on the number of stages of previous training. Frontiers in Behavioral Neuroscience, 2013, 7, 78.	1.0	4
42	CREB and neuronal selection for memory trace. Frontiers in Neural Circuits, 2013, 7, 44.	1.4	35
43	Reconsolidation of Pavlovian Conditioned Defense Responses in the Amygdala. , 2013, , 69-79.		1
44	Inactivation of the Anterior Cingulate Reveals Enhanced Reliance on Cortical Networks for Remote Spatial Memory Retrieval after Sequential Memory Processing. PLoS ONE, 2014, 9, e108711.	1.1	10
45	Enhancement of fear memory by retrieval through reconsolidation. ELife, 2014, 3, e02736.	2.8	84
46	The impact of multiple memory formation on dendritic complexity in the hippocampus and anterior cingulate cortex assessed at recent and remote time points. Frontiers in Behavioral Neuroscience, 2014, 8, 128.	1.0	18
47	Cues, context, and long-term memory: the role of the retrosplenial cortex in spatial cognition. Frontiers in Human Neuroscience, 2014, 8, 586.	1.0	140
48	About Practice. Psychology of Learning and Motivation - Advances in Research and Theory, 2014, 60, 113-189.	0.5	77
49	Decisions, dopamine, and degeneracy in complex biological systems. Neuroscience and Neuroeconomics, 0, , 11.	0.9	2
50	A Pilot Randomized Controlled Trial of D-cycloserine and Distributed Practice as Adjuvants to Constraint-Induced Movement Therapy After Stroke. Neurorehabilitation and Neural Repair, 2014, 28, 885-895.	1.4	12
51	Epigenetics of Memory and Plasticity. Progress in Molecular Biology and Translational Science, 2014, 122, 305-340.	0.9	53
52	Cognitive Effects of Treatment of Depression with Repetitive Transcranial Magnetic Stimulation. Cognitive and Behavioral Neurology, 2014, 27, 77-87.	0.5	49
53	Enhanced cognitive flexibility in reversal learning induced by removal of the extracellular matrix in auditory cortex. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2800-2805.	3.3	139
54	Modulación de la memoria emocional: una revisión de los principales factores que afectan los recuerdos. Suma Psicológica, 2014, 20, 163.	0.2	13

#	ARTICLE	IF	CITATIONS
55	Replay of Very Early Encoding Representations during Recollection. <i>Journal of Neuroscience</i> , 2014, 34, 242-248.	1.7	93
56	Selective, Retrieval-Independent Disruption of Methamphetamine-Associated Memory by Actin Depolymerization. <i>Biological Psychiatry</i> , 2014, 75, 96-104.	0.7	53
57	The Molecular and Systems Biology of Memory. <i>Cell</i> , 2014, 157, 163-186.	13.5	833
58	Hippocampal Binding of Novel Information with Dominant Memory Traces Can Support Both Memory Stability and Change. <i>Journal of Neuroscience</i> , 2014, 34, 2203-2213.	1.7	34
59	Reconsolidation of Human Memory: Brain Mechanisms and Clinical Relevance. <i>Biological Psychiatry</i> , 2014, 76, 274-280.	0.7	195
60	Memory recall and modifications by activating neurons with elevated CREB. <i>Nature Neuroscience</i> , 2014, 17, 65-72.	7.1	118
61	Stress and glucocorticoid receptor-dependent mechanisms in long-term memory: From adaptive responses to psychopathologies. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 17-29.	1.0	235
62	Neural Signatures of Modified Memories. <i>Neuron</i> , 2014, 81, 3-5.	3.8	1
63	Interference with Existing Memories Alters Offline Intrinsic Functional Brain Connectivity. <i>Neuron</i> , 2014, 81, 69-76.	3.8	61
64	Manipulating a "Cocaine Engram" in Mice. <i>Journal of Neuroscience</i> , 2014, 34, 14115-14127.	1.7	98
65	The Neurobiological Bases of Memory Formation: From Physiological Conditions to Psychopathology. <i>Psychopathology</i> , 2014, 47, 347-356.	1.1	52
66	A behavioural neuroscience perspective on the aetiology and treatment of anxiety disorders. <i>Behaviour Research and Therapy</i> , 2014, 62, 24-36.	1.6	90
67	A Lighter Shade of Trauma. <i>Biological Psychiatry</i> , 2014, 76, 838-839.	0.7	2
68	Placebo. <i>Handbook of Experimental Pharmacology</i> , 2014, , .	0.9	13
69	Olfactory Aversive Conditioning during Sleep Reduces Cigarette-Smoking Behavior. <i>Journal of Neuroscience</i> , 2014, 34, 15382-15393.	1.7	74
70	Memory Consolidation for Duration. <i>Quarterly Journal of Experimental Psychology</i> , 2014, 67, 1401-1414.	0.6	12
71	Memory beyond expression. <i>Journal of Physiology (Paris)</i> , 2014, 108, 307-322.	2.1	26
72	Memory labilization in reconsolidation and extinction " Evidence for a common plasticity system?. <i>Journal of Physiology (Paris)</i> , 2014, 108, 292-306.	2.1	34

#	ARTICLE	IF	CITATIONS
73	Translational Control in Synaptic Plasticity and Cognitive Dysfunction. Annual Review of Neuroscience, 2014, 37, 17-38.	5.0	285
74	Long-Term Phase Reorganization of Conditioned Food Aversion Memory in Edible Snail. Bulletin of Experimental Biology and Medicine, 2014, 157, 416-420.	0.3	4
75	Strengthening a consolidated memory: The key role of the reconsolidation process. Journal of Physiology (Paris), 2014, 108, 323-333.	2.1	57
76	Role of adult neurogenesis in hippocampal-cortical memory consolidation. Molecular Brain, 2014, 7, 13.	1.3	73
77	Memory consolidation in humans: new evidence and opportunities. Experimental Physiology, 2014, 99, 471-486.	0.9	22
78	Preserving Learned Immunosuppressive Placebo Response: Perspectives for Clinical Application. Clinical Pharmacology and Therapeutics, 2014, 96, 247-255.	2.3	47
79	The amygdala: A potential player in timing CS-US intervals. Behavioural Processes, 2014, 101, 112-122.	0.5	35
80	Don't just think there, do something: A call for action in psychological science. Arts in Psychotherapy, 2014, 41, 336-342.	0.6	9
81	Cortico-subcortical neuronal circuitry associated with reconsolidation of human procedural memories. Cortex, 2014, 58, 281-288.	1.1	55
82	The MAP(K) of fear: From memory consolidation to memory extinction. Brain Research Bulletin, 2014, 105, 8-16.	1.4	49
83	Noninvasive stimulation of prefrontal cortex strengthens existing episodic memories and reduces forgetting in the elderly. Frontiers in Aging Neuroscience, 2014, 6, 289.	1.7	97
84	Threat processing: models and mechanisms. Wiley Interdisciplinary Reviews: Cognitive Science, 2015, 6, 427-439.	1.4	4
85	Erasing Drug Memories Through the Disruption of Memory Reconsolidation: A Review of Glutamatergic Mechanisms. Journal of Applied Biobehavioral Research, 2015, 20, 101-129.	2.0	4
86	Metamemory ratings predict long-term changes in reactivated episodic memories. Frontiers in Behavioral Neuroscience, 2015, 9, 20.	1.0	7
87	Sleep and Motor Learning: Implications for Physical Rehabilitation After Stroke. Frontiers in Neurology, 2015, 6, 241.	1.1	29
88	Endurance Exercise as an "Endogenous" Neuro-enhancement Strategy to Facilitate Motor Learning. Frontiers in Human Neuroscience, 2015, 9, 692.	1.0	62
89	NF- κ B transcription factor role in consolidation and reconsolidation of persistent memories. Frontiers in Molecular Neuroscience, 2015, 8, 50.	1.4	23
90	Acquisition versus Consolidation of Auditory Perceptual Learning Using Mixed-Training Regimens. PLoS ONE, 2015, 10, e0121953.	1.1	6

#	ARTICLE	IF	CITATIONS
91	Blocking Dopaminergic Signaling Soon after Learning Impairs Memory Consolidation in Guinea Pigs. PLoS ONE, 2015, 10, e0135578.	1.1	6
92	New Insights on Retrieval-Induced and Ongoing Memory Consolidation: Lessons from Arc. Neural Plasticity, 2015, 2015, 1-12.	1.0	9
93	The Challenge of Understanding the Brain: Where We Stand in 2015. Neuron, 2015, 86, 864-882.	3.8	78
94	Reconsolidation and the regulation of plasticity: moving beyond memory. Trends in Neurosciences, 2015, 38, 336-344.	4.2	46
95	Schema-conformant memories are preferentially consolidated during REM sleep. Neurobiology of Learning and Memory, 2015, 122, 41-50.	1.0	65
96	Clustered c-Fos Activation in Rat Hippocampus at the Acquisition Stage of Appetitive Instrumental Learning. Journal of Behavioral and Brain Science, 2015, 05, 69-80.	0.2	0
97	Hippocampal sharp waveâ€ripple: A cognitive biomarker for episodic memory and planning. Hippocampus, 2015, 25, 1073-1188.	0.9	1,250
98	From Memory Impairment to Posttraumatic Stress Disorder-Like Phenotypes: The Critical Role of an Unpredictable Second Traumatic Experience. Journal of Neuroscience, 2015, 35, 15903-15915.	1.7	37
99	Durable fear memories require PSD-95. Molecular Psychiatry, 2015, 20, 901-912.	4.1	64
100	Enhancing cognition by affecting memory reconsolidation. Current Opinion in Behavioral Sciences, 2015, 4, 41-47.	2.0	12
101	Peri-encoding predictors of memory encoding and consolidation. Neuroscience and Biobehavioral Reviews, 2015, 50, 128-142.	2.9	79
102	Cueing vocabulary in awake subjects during the day has no effect on memory. Somnologie, 2015, 19, 133-140.	0.9	17
103	A ten-year follow-up of a study of memory for the attack of September 11, 2001: Flashbulb memories and memories for flashbulb events.. Journal of Experimental Psychology: General, 2015, 144, 604-623.	1.5	133
104	Memory Consolidation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a021766.	2.3	432
105	Structural Components of Synaptic Plasticity and Memory Consolidation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a021758.	2.3	279
106	Experience of a First, â€Whisker-Dependent,â€Skill Affects the Induction of c-Fos Expression in Somatosensory Cortex Barrel Field Neurons in Rats on Training to a Second Skill. Neuroscience and Behavioral Physiology, 2015, 45, 724-727.	0.2	2
107	Extinction of conditioned taste aversion is related to the aversion strength and associated with c-fos expression in the insular cortex. Neuroscience, 2015, 303, 34-41.	1.1	30
108	Modulating reconsolidation: a link to causal systems-level dynamics of human memories. Trends in Cognitive Sciences, 2015, 19, 475-482.	4.0	50

#	ARTICLE	IF	CITATIONS
109	PTSD-Like Memory Generated Through Enhanced Noradrenergic Activity is Mitigated by a Dual Step Pharmacological Intervention Targeting its Reconsolidation. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu026-pyu026.	1.0	67
110	Commentary on Tuch. <i>Journal of the American Psychoanalytic Association</i> , 2015, 63, 317-330.	0.2	0
111	The hippocampus: A central node in a large-scale brain network for memory. <i>Revue Neurologique</i> , 2015, 171, 204-216.	0.6	37
112	Not only but also: REM sleep creates and NREM Stage 2 instantiates landmark junctions in cortical memory networks. <i>Neurobiology of Learning and Memory</i> , 2015, 122, 69-87.	1.0	32
113	Bidirectional lexical interaction in late immersed Mandarin-English bilinguals. <i>Journal of Memory and Language</i> , 2015, 82, 86-104.	1.1	52
114	Differential effects of dopamine signalling on long-term memory formation and consolidation in rodent brain. <i>Proteome Science</i> , 2015, 13, 13.	0.7	17
115	The effect of distributed practice: Neuroscience, cognition, and education. <i>Trends in Neuroscience and Education</i> , 2015, 4, 49-59.	1.5	66
116	Involvement of Hippocampal Inputs and Intrinsic Circuit in the Acquisition of Context and Cues During Classical Conditioning in Behaving Rabbits. <i>Cerebral Cortex</i> , 2015, 25, 1278-1289.	1.6	25
117	The Consolidation and Transformation of Memory. <i>Neuron</i> , 2015, 88, 20-32.	3.8	482
118	Memory Retrieval in Mice and Men. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a021790.	2.3	36
119	Integration of New Information with Active Memory Accounts for Retrograde Amnesia: A Challenge to the Consolidation/Reconsolidation Hypothesis?. <i>Journal of Neuroscience</i> , 2015, 35, 11623-11633.	1.7	97
120	Reconsolidation of Reminder-Induced Amnesia: Role of NMDA and AMPA Glutamate Receptors. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 160, 1-5.	0.3	4
121	The Regulation of Transcription in Memory Consolidation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a021741.	2.3	269
122	In search of a recognition memory engram. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 50, 12-28.	2.9	47
123	Consolidation and reconsolidation of object recognition memory. <i>Behavioural Brain Research</i> , 2015, 285, 213-222.	1.2	47
124	Prefrontal neuronal circuits of contextual fear conditioning. <i>Genes, Brain and Behavior</i> , 2015, 14, 22-36.	1.1	107
125	Harnessing reconsolidation to weaken fear and appetitive memories: A meta-analysis of post-retrieval extinction effects.. <i>Psychological Bulletin</i> , 2016, 142, 314-336.	5.5	100
126	Structural, Synaptic, and Epigenetic Dynamics of Enduring Memories. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	19

#	ARTICLE	IF	CITATIONS
127	Acute Exercise and Motor Memory Consolidation: The Role of Exercise Timing. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	66
128	Offline Optimization of the Relative Timing of Movements in a Sequence Is Blocked by Retroactive Behavioral Interference. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 623.	1.0	22
129	Interference Conditions of the Reconsolidation Process in Humans: The Role of Valence and Different Memory Systems. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 641.	1.0	15
130	Interactions between Memory and New Learning: Insights from fMRI Multivoxel Pattern Analysis. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 46.	1.2	21
131	Theta EEG neurofeedback benefits early consolidation of motor sequence learning. <i>Psychophysiology</i> , 2016, 53, 965-973.	1.2	27
132	Personal memory: Is it personal, is it memory?. <i>Memory Studies</i> , 2016, 9, 275-283.	0.8	20
133	Interaction of inhibitory and facilitatory effects of conditioning trials on long-term memory formation. <i>Learning and Memory</i> , 2016, 23, 669-678.	0.5	14
134	Different components of conditioned food aversion memory. <i>Brain Research</i> , 2016, 1642, 104-113.	1.1	10
135	Retrieving fear memories, as time goes by. <i>Molecular Psychiatry</i> , 2016, 21, 1027-1036.	4.1	80
136	Plasticity-augmented psychotherapy for refractory depressive and anxiety disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 70, 134-147.	2.5	8
137	New Learning and Unlearning: Strangers or Accomplices in Threat Memory Attenuation?. <i>Trends in Neurosciences</i> , 2016, 39, 340-351.	4.2	65
138	Retrieved emotional context influences hippocampal involvement during recognition of neutral memories. <i>NeuroImage</i> , 2016, 143, 280-292.	2.1	14
139	The neurocircuitry of remote cued fear memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 409-417.	2.9	70
140	Neuroscience: This Is Not a Spider. <i>Current Biology</i> , 2016, 26, R898-R900.	1.8	0
141	The endocannabinoid system and Post Traumatic Stress Disorder (PTSD): From preclinical findings to innovative therapeutic approaches in clinical settings. <i>Pharmacological Research</i> , 2016, 111, 668-678.	3.1	57
142	Rats taste-aversive learning with cyclosporine a is not affected by contextual changes. <i>Behavioural Brain Research</i> , 2016, 312, 169-173.	1.2	6
144	Modulation of fear extinction processes using transcranial electrical stimulation. <i>Translational Psychiatry</i> , 2016, 6, e913-e913.	2.4	62
145	The glucocorticoid response in a free-living bird predicts whether long-lasting memories fade or strengthen with time. <i>Animal Behaviour</i> , 2016, 122, 157-168.	0.8	9

#	ARTICLE	IF	CITATIONS
146	Changes in corticospinal excitability during consolidation predict acute exercise-induced off-line gains in procedural memory. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 196-203.	1.0	67
147	Different dimensions of the prediction error as a decisive factor for the triggering of the reconsolidation process. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 210-219.	1.0	22
148	Learning and memory under stress: implications for the classroom. <i>Npj Science of Learning</i> , 2016, 1, 16011.	1.5	251
149	A Putative Biochemical Engram of Long-Term Memory. <i>Current Biology</i> , 2016, 26, 3143-3156.	1.8	35
150	Time-Dependent Effects of Cardiovascular Exercise on Memory. <i>Exercise and Sport Sciences Reviews</i> , 2016, 44, 81-88.	1.6	119
151	The fate of memory: Reconsolidation and the case of Prediction Error. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 423-441.	2.9	128
152	Physical Exercise Performed Four Hours after Learning Improves Memory Retention and Increases Hippocampal Pattern Similarity during Retrieval. <i>Current Biology</i> , 2016, 26, 1722-1727.	1.8	83
153	Transient inhibition of protein synthesis in the rat insular cortex delays extinction of conditioned taste aversion with cyclosporine A. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 129-135.	1.0	12
154	Reconsolidation-induced memory persistence: Participation of late phase hippocampal ERK activation. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 79-88.	1.0	16
155	PV plasticity sustained through D1/5 dopamine signaling required for long-term memory consolidation. <i>Nature Neuroscience</i> , 2016, 19, 454-464.	7.1	99
156	Recovering and preventing loss of detailed memory: differential rates of forgetting for detail types in episodic memory. <i>Learning and Memory</i> , 2016, 23, 72-82.	0.5	105
157	NMDAR-dependent proteasome activity in the gustatory cortex is necessary for conditioned taste aversion. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 7-16.	1.0	19
158	Modulatory effects of dopamine receptors on associative learning performance in zebrafish (<i>Danio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	40
159	Computational principles of memory. <i>Nature Neuroscience</i> , 2016, 19, 394-403.	7.1	176
160	Hippocampal neurogenesis: Learning to remember. <i>Progress in Neurobiology</i> , 2016, 138-140, 1-18.	2.8	184
161	Outsourcing the mental? From knowledge-on-demand to Morbus Google. <i>Trends in Neuroscience and Education</i> , 2016, 5, 34-39.	1.5	1
162	The dynamic nature of the reconsolidation process and its boundary conditions: Evidence based on human tests. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 202-212.	1.0	26
163	Cellular and System Biology of Memory: Timing, Molecules, and Beyond. <i>Physiological Reviews</i> , 2016, 96, 647-693.	13.1	96

#	ARTICLE	IF	CITATIONS
164	Older adults get episodic memory boosting from noninvasive stimulation of prefrontal cortex during learning. <i>Neurobiology of Aging</i> , 2016, 39, 210-216.	1.5	61
165	Episodic Memory and Beyond: The Hippocampus and Neocortex in Transformation. <i>Annual Review of Psychology</i> , 2016, 67, 105-134.	9.9	722
166	Altered Human Memory Modification in the Presence of Normal Consolidation. <i>Cerebral Cortex</i> , 2016, 26, 3828-3837.	1.6	19
167	Memory-updating abrogates extinction of learned immunosuppression. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 40-48.	2.0	30
168	A role for the interoceptive insular cortex in the consolidation of learned fear. <i>Behavioural Brain Research</i> , 2016, 296, 70-77.	1.2	39
169	microRNAs Modulate Spatial Memory in the Hippocampus and in the Ventral Striatum in a Region-Specific Manner. <i>Molecular Neurobiology</i> , 2016, 53, 4618-4630.	1.9	13
170	Adult Hippocampal Neurogenesis, Fear Generalization, and Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 24-44.	2.8	159
171	Memory formation orchestrates the wiring of adult-born hippocampal neurons into brain circuits. <i>Brain Structure and Function</i> , 2017, 222, 2585-2601.	1.2	17
172	Sleep and plasticity in the visual cortex: more than meets the eye. <i>Current Opinion in Neurobiology</i> , 2017, 44, 8-12.	2.0	33
173	Applications and limitations of behaviorally conditioned immunopharmacological responses. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 91-98.	1.0	17
174	A Role of Sleep in Forming Predictive Codes. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017, , 117-132.	0.1	7
175	Retrieval under stress decreases the long-term expression of a human declarative memory via reconsolidation. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 135-145.	1.0	11
176	Mechanisms of Memory Consolidation and Transformation. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017, , 17-44.	0.1	32
177	Are There Multiple Kinds of Episodic Memory? An fMRI Investigation Comparing Autobiographical and Recognition Memory Tasks. <i>Journal of Neuroscience</i> , 2017, 37, 2764-2775.	1.7	74
178	Plasticity of hippocampal memories in humans. <i>Current Opinion in Neurobiology</i> , 2017, 43, 102-109.	2.0	37
179	Aversive olfactory associative memory loses odor specificity over time. <i>Journal of Experimental Biology</i> , 2017, 220, 1548-1553.	0.8	12
180	Assessing recent and remote associative olfactory memory in rats using the social transmission of food preference paradigm. <i>Nature Protocols</i> , 2017, 12, 1415-1436.	5.5	16
181	Infantile Amnesia: A Critical Period of Learning to Learn and Remember. <i>Journal of Neuroscience</i> , 2017, 37, 5783-5795.	1.7	131

#	ARTICLE	IF	CITATIONS
182	Neglected but Exciting Concepts in Developmental and Neurobiological Psychology. <i>Psychology Learning and Teaching</i> , 2017, 16, 292-305.	1.3	0
183	The role of GABA A in the expression of updated information through the reconsolidation process in humans. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 146-153.	1.0	2
184	Frameworking memory and serotonergic markers. <i>Reviews in the Neurosciences</i> , 2017, 28, 455-497.	1.4	16
185	Toward a better understanding on the role of prediction error on memory processes: From bench to clinic. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 13-20.	1.0	28
186	Determinants to trigger memory reconsolidation: The role of retrieval and updating information. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 4-12.	1.0	26
187	Re-stepping into the same river: competition problem rather than a reconsolidation failure in an established motor skill. <i>Scientific Reports</i> , 2017, 7, 9406.	1.6	20
188	Enhancing early consolidation of human episodic memory by theta EEG neurofeedback. <i>Neurobiology of Learning and Memory</i> , 2017, 145, 165-171.	1.0	20
189	Memory reactivation improves visual perception. <i>Nature Neuroscience</i> , 2017, 20, 1325-1328.	7.1	35
190	Potential avenues for exercise to activate episodic memory-related pathways: a narrative review. <i>European Journal of Neuroscience</i> , 2017, 46, 2067-2077.	1.2	118
191	Long-term memory requires sequential protein synthesis in three subsets of mushroom body output neurons in <i>Drosophila</i> . <i>Scientific Reports</i> , 2017, 7, 7112.	1.6	38
192	Does reconsolidation occur in natural settings? Memory reconsolidation and anxiety disorders. <i>Clinical Psychology Review</i> , 2017, 57, 45-58.	6.0	20
193	Is the Role of External Feedback in Auditory Skill Learning Age Dependent?. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3656-3666.	0.7	7
194	Brief targeted memory reactivation during the awake state enhances memory stability and benefits the weakest memories. <i>Scientific Reports</i> , 2017, 7, 15325.	1.6	36
195	Familiarity with a vocal category biases the compartmental expression of <i>Arc/Arg3.1</i> in core auditory cortex. <i>Learning and Memory</i> , 2017, 24, 612-621.	0.5	3
196	Sleeping in a Brave New World: Opportunities for Improving Learning and Clinical Outcomes Through Targeted Memory Reactivation. <i>Current Directions in Psychological Science</i> , 2017, 26, 532-537.	2.8	15
197	Vocabulary learning benefits from REM after slow-wave sleep. <i>Neurobiology of Learning and Memory</i> , 2017, 144, 102-113.	1.0	30
198	Counterconditioning During Reconsolidation Prevents Relapse of Cocaine Memories. <i>Neuropsychopharmacology</i> , 2017, 42, 716-726.	2.8	47
199	Learning from Errors. <i>Annual Review of Psychology</i> , 2017, 68, 465-489.	9.9	236

#	ARTICLE	IF	CITATIONS
200	Pharmacogenetic reactivation of the original engram evokes an extinguished fear memory. <i>Neuropharmacology</i> , 2017, 113, 1-9.	2.0	14
201	A Historical Review of Diachrony and Semantic Dimensions of Trace in Neurosciences and Lacanian Psychoanalysis. <i>Frontiers in Psychology</i> , 2017, 8, 734.	1.1	2
202	Plasticity and Memory in Cerebral Cortex. , 2017, , 233-262.		0
203	Epigenetic Basis of Memory. , 2017, , 247-256.		0
204	Strengthening of Existing Episodic Memories Through Non-invasive Stimulation of Prefrontal Cortex in Older Adults with Subjective Memory Complaints. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 401.	1.7	29
205	Acute Exercise Improves Motor Memory Consolidation in Preadolescent Children. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 182.	1.0	31
206	Reconsolidation: Historical Perspective and Theoretical Aspects â†. , 2017, , 375-388.		0
207	Episodic and Semantic Memory. , 2017, , 87-118.		8
208	Evidence for improved memory from 5 minutes of immediate, post-encoding exercise among women. <i>Cognitive Research: Principles and Implications</i> , 2017, 2, 33.	1.1	9
209	Flexible retrieval: When true inferences produce false memories.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 335-349.	0.7	89
210	Limits on lability: Boundaries of reconsolidation and the relationship to metaplasticity. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 78-86.	1.0	39
211	Behavioral reconsolidation interference with episodic memory within-subjects is elusive. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 75-83.	1.0	5
212	NMDA or 5-HT receptor antagonists impair memory reconsolidation and induce various types of amnesia. <i>Behavioural Brain Research</i> , 2018, 345, 72-82.	1.2	19
214	Dendritic spine density and EphrinB2 levels of hippocampal and anterior cingulate cortex neurons increase sequentially during formation of recent and remote fear memory in the mouse. <i>Behavioural Brain Research</i> , 2018, 344, 120-131.	1.2	30
215	Multiple memory systems, multiple time points: how science can inform treatment to control the expression of unwanted emotional memories. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170209.	1.8	63
216	Transient synchronization of hippocampo-striato-thalamo-cortical networks during sleep spindle oscillations induces motor memory consolidation. <i>NeuroImage</i> , 2018, 169, 419-430.	2.1	82
217	Preextinction Stress Prevents Context-Related Renewal of Fear. <i>Behavior Therapy</i> , 2018, 49, 1008-1019.	1.3	18
218	Knowledge acquisition is governed by striatal prediction errors. <i>Nature Communications</i> , 2018, 9, 1673.	5.8	49

#	ARTICLE	IF	CITATIONS
219	Time-dependent memory transformation along the hippocampal anterior–posterior axis. <i>Nature Communications</i> , 2018, 9, 1205.	5.8	57
220	Behavioral tagging and capture: long-term memory decline in middle-aged rats. <i>Neurobiology of Aging</i> , 2018, 67, 31-41.	1.5	24
221	Acute cardiovascular exercise promotes functional changes in cortico-motor networks during the early stages of motor memory consolidation. <i>NeuroImage</i> , 2018, 174, 380-392.	2.1	65
222	Memory dynamics under stress. <i>Memory</i> , 2018, 26, 364-376.	0.9	70
223	Plasticity Mechanisms of Memory Consolidation and Reconsolidation in the Perirhinal Cortex. <i>Neuroscience</i> , 2018, 370, 46-61.	1.1	24
224	Differential role of the anterior and intralaminar/lateral thalamic nuclei in systems consolidation and reconsolidation. <i>Brain Structure and Function</i> , 2018, 223, 63-76.	1.2	19
225	Current issues related to motor sequence learning in humans. <i>Current Opinion in Behavioral Sciences</i> , 2018, 20, 89-97.	2.0	96
226	Sleep preserves original and distorted memory traces. <i>Cortex</i> , 2018, 99, 39-44.	1.1	16
227	Unintended side effects of a spotless mind: theory and practice. <i>Memory</i> , 2018, 26, 306-320.	0.9	6
228	Associations Between Sleep Quality, Sleep Architecture and Sleep Disordered Breathing and Memory After Continuous Positive Airway Pressure in Patients with Obstructive Sleep Apnea in the Apnea Positive Pressure Long-term Efficacy Study (APPLES). <i>Sleep Science</i> , 2018, 11, 231-238.	0.4	16
229	Rest on it: Awake quiescence facilitates insight. <i>Cortex</i> , 2018, 109, 205-214.	1.1	21
230	Effects of post-encoding wakeful rest and study time on long-term memory performance. <i>Journal of Cognitive Psychology</i> , 2018, 30, 558-569.	0.4	13
231	The hippocampal sharp wave–ripple in memory retrieval for immediate use and consolidation. <i>Nature Reviews Neuroscience</i> , 2018, 19, 744-757.	4.9	262
233	Neuronal Bases of Systemic Organization of Behavior. <i>Advances in Neurobiology</i> , 2018, 21, 1-33.	1.3	15
234	Memory integration: An alternative to the consolidation/reconsolidation hypothesis. <i>Progress in Neurobiology</i> , 2018, 171, 15-31.	2.8	47
235	Nonmonotonic recruitment of ventromedial prefrontal cortex during remote memory recall. <i>PLoS Biology</i> , 2018, 16, e2005479.	2.6	17
236	The Emergent Engram: A Historical Legacy and Contemporary Discovery. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 168.	1.0	6
237	Commentary: Forgetting the best when predicting the worst: preliminary observations on neural circuit function in adolescent social anxiety. <i>Frontiers in Psychology</i> , 2018, 9, 1088.	1.1	6

#	ARTICLE	IF	CITATIONS
238	Enhancing extinction learning: Occasional presentations of the unconditioned stimulus during extinction eliminate spontaneous recovery, but not necessarily reacquisition of fear. <i>Behaviour Research and Therapy</i> , 2018, 108, 29-39.	1.6	16
239	Reconsolidation of human motor memory: From boundary conditions to behavioral interventions—How far are we from clinical applications?. <i>Behavioural Brain Research</i> , 2018, 353, 83-90.	1.2	7
240	Long-Term Training-Induced Gains of an Auditory Skill in School-Age Children As Compared With Adults. <i>Trends in Hearing</i> , 2018, 22, 233121651879090.	0.7	4
241	Born to learn: The inspiration, progress, and future of evolved plastic artificial neural networks. <i>Neural Networks</i> , 2018, 108, 48-67.	3.3	73
242	Effects of Threat Conditioning on the Negative Valenced Systems and Cognitive Systems. <i>Scientific Reports</i> , 2018, 8, 11221.	1.6	1
243	No Effects of Non-invasive Brain Stimulation on Multiple Sessions of Object-Location-Memory Training in Healthy Older Adults. <i>Frontiers in Neuroscience</i> , 2017, 11, 746.	1.4	17
244	Orexin A Differentially Influences the Extinction Retention of Recent and Remote Fear Memory. <i>Frontiers in Neuroscience</i> , 2018, 12, 295.	1.4	10
245	Changes in patterns of neural activity underlie a time-dependent transformation of memory in rats and humans. <i>Hippocampus</i> , 2018, 28, 745-764.	0.9	45
246	The mitigating effect of repeated memory reactivations on forgetting. <i>Npj Science of Learning</i> , 2018, 3, 9.	1.5	9
247	The hippocampus and related neocortical structures in memory transformation. <i>Neuroscience Letters</i> , 2018, 680, 39-53.	1.0	241
248	Time course of clinical change following neurofeedback. <i>NeuroImage</i> , 2018, 181, 807-813.	2.1	94
249	Behavioral interventions to eliminate fear responses. <i>Science China Life Sciences</i> , 2018, 61, 625-632.	2.3	3
250	Memory Control: A Fundamental Mechanism of Emotion Regulation. <i>Trends in Cognitive Sciences</i> , 2018, 22, 982-995.	4.0	104
251	The activity of discrete sets of neurons in the posterior insula correlates with the behavioral expression and extinction of conditioned fear. <i>Journal of Neurophysiology</i> , 2018, 120, 1906-1913.	0.9	9
252	Positive emotional induction interferes with the reconsolidation of negative autobiographical memories, in women only. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 508-518.	1.0	5
253	Novelty enhances memory persistence and remediates propranolol-induced deficit via reconsolidation. <i>Neuropharmacology</i> , 2018, 141, 42-54.	2.0	16
254	Modulation of Learning and Memory: A Shared Framework for Interference and Generalization. <i>Neuroscience</i> , 2018, 392, 270-280.	1.1	27
255	Planning Education for Long-Term Retention: The Cognitive Science and Implementation of Retrieval Practice. <i>Seminars in Neurology</i> , 2018, 38, 449-456.	0.5	28

#	ARTICLE	IF	CITATIONS
256	The zinc fingers of the small optic lobes calpain bind polyubiquitin. <i>Journal of Neurochemistry</i> , 2018, 146, 429-445.	2.1	13
257	Reactivation of recall-induced neurons contributes to remote fear memory attenuation. <i>Science</i> , 2018, 360, 1239-1242.	6.0	96
258	Intrusive memories of trauma: A target for research bridging cognitive science and its clinical application. <i>Clinical Psychology Review</i> , 2019, 69, 67-82.	6.0	118
259	New Perspectives on the Aging Lexicon. <i>Trends in Cognitive Sciences</i> , 2019, 23, 686-698.	4.0	82
260	Memory editing from science fiction to clinical practice. <i>Nature</i> , 2019, 572, 43-50.	13.7	102
261	Counterconditioning following memory retrieval diminishes the reinstatement of appetitive memories in humans. <i>Scientific Reports</i> , 2019, 9, 9213.	1.6	7
262	From Knowing to Remembering: The Semanticâ€“Episodic Distinction. <i>Trends in Cognitive Sciences</i> , 2019, 23, 1041-1057.	4.0	177
263	A single high-intensity exercise bout during early consolidation does not influence retention or relearning of sensorimotor locomotor long-term memories. <i>Experimental Brain Research</i> , 2019, 237, 2799-2810.	0.7	15
264	Mechanisms of systems memory consolidation during sleep. <i>Nature Neuroscience</i> , 2019, 22, 1598-1610.	7.1	589
265	The lateral neocortex is critical for contextual fear memory reconsolidation. <i>Scientific Reports</i> , 2019, 9, 12157.	1.6	7
266	Perirhinal circuits for memory processing. <i>Nature Reviews Neuroscience</i> , 2019, 20, 577-592.	4.9	48
267	Anomalies of Autobiographical Memory. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 1061-1075.	1.2	17
268	Effects of transcranial direct current stimulation over the posterior parietal cortex on episodic memory reconsolidation. <i>Cortex</i> , 2019, 121, 78-88.	1.1	13
269	Retrieval of retrained and reconsolidated memories are associated with a distinct neural network. <i>Scientific Reports</i> , 2019, 9, 784.	1.6	9
270	Memory Integration as a Challenge to the Consolidation/Reconsolidation Hypothesis: Similarities, Differences and Perspectives. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 71.	1.2	17
271	Transcranial direct current stimulation applied after encoding facilitates episodic memory consolidation in older adults. <i>Neurobiology of Learning and Memory</i> , 2019, 163, 107037.	1.0	23
272	Principles underlying the input-dependent formation and organization of memories. <i>Network Neuroscience</i> , 2019, 3, 606-634.	1.4	13
273	Learning Induces Transient Upregulation of Brevican in the Auditory Cortex during Consolidation of Long-Term Memories. <i>Journal of Neuroscience</i> , 2019, 39, 7049-7060.	1.7	12

#	ARTICLE	IF	CITATIONS
274	Anterior cingulate cortex and dorsal hippocampal glutamate receptors mediate generalized fear in female rats. <i>Psychoneuroendocrinology</i> , 2019, 107, 109-118.	1.3	16
275	Adrenergic modulation of discrimination learning and memory in the auditory cortex. <i>European Journal of Neuroscience</i> , 2019, 50, 3141-3163.	1.2	7
276	Relevance of ERK1/2 Post-retrieval Participation on Memory Processes: Insights in Their Particular Role on Reconsolidation and Persistence of Memories. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 95.	1.4	11
277	Offline consolidation of spatial memory: Do the cerebellar output circuits play a role? A study utilizing a Morris water maze protocol in male Wistar rats. <i>Brain Research</i> , 2019, 1718, 148-158.	1.1	9
278	Memory-related perceptual illusions directly affect physical activity in humans. <i>PLoS ONE</i> , 2019, 14, e0216988.	1.1	3
279	A Memory Circuit for Coping with Impending Adversity. <i>Current Biology</i> , 2019, 29, 1573-1583.e4.	1.8	19
280	Young and Older Adults Benefit From Sleep, but Not From Active Wakefulness for Memory Consolidation of What-Where-When Naturalistic Events. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 58.	1.7	11
281	Reactivation of the Unconditioned Stimulus Inhibits the Return of Fear Independent of Cortisol. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 254.	1.0	5
282	Dorsolateral Prefrontal Cortex Enables Updating of Established Memories. <i>Cerebral Cortex</i> , 2019, 29, 4154-4168.	1.6	13
283	Pretraining hippocampal stimulation of melatonin type 2 receptors can improve memory acquisition in rats. <i>International Journal of Neuroscience</i> , 2019, 129, 492-500.	0.8	6
284	Neuronal competition: microcircuit mechanisms define the sparsity of the engram. <i>Current Opinion in Neurobiology</i> , 2019, 54, 163-170.	2.0	52
285	Remote Memory and the Hippocampus: A Constructive Critique. <i>Trends in Cognitive Sciences</i> , 2019, 23, 128-142.	4.0	130
286	Cognitive and functional correlates of accelerated long-term forgetting in temporal lobe epilepsy. <i>Cortex</i> , 2019, 110, 101-114.	1.1	14
287	The Effect of Post-Learning Wakeful Rest on the Retention of Second Language Learning Material over the Long Term. <i>Current Psychology</i> , 2020, 39, 299-306.	1.7	15
288	Effects of Transcranial Direct Current Stimulation on Episodic Memory in Amnesic Mild Cognitive Impairment: A Pilot Study. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 75, 1403-1413.	2.4	33
289	Pavlovian Conditioning of Immunological and Neuroendocrine Functions. <i>Physiological Reviews</i> , 2020, 100, 357-405.	13.1	47
290	Learned Immunosuppressive Placebo Response Attenuates Disease Progression in a Rodent Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 588-597.	2.9	11
291	Lack of synaptic protein, calyculin A, impairs morphology of synaptic complexes in mice. <i>Synapse</i> , 2020, 74, e22132.	0.6	17

#	ARTICLE	IF	CITATIONS
292	Memory engrams: Recalling the past and imagining the future. <i>Science</i> , 2020, 367, .	6.0	530
293	Number and time in acquisition, extinction and recovery. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 15-36.	0.8	6
294	Long-term memory consolidation or reconsolidation impairment induces amnesia with key characteristics that are similar to key learning characteristics. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 542-558.	2.9	7
295	The posterior parietal cortex mediates early offline-rather than online-motor sequence learning. <i>Neuropsychologia</i> , 2020, 146, 107555.	0.7	8
296	Individual differences in working memory capacity moderate effects of post-learning activity on memory consolidation over the long term. <i>Scientific Reports</i> , 2020, 10, 17976.	1.6	3
297	First-person body view modulates the neural substrates of episodic memory and auto-noetic consciousness: A functional connectivity study. <i>NeuroImage</i> , 2020, 223, 117370.	2.1	12
298	Stable Engrams and Neural Dynamics. <i>Philosophy of Science</i> , 2020, 87, 1130-1139.	0.5	10
299	Difficulties in retrieval multiplication facts: The case of interference to reconsolidation. <i>Trends in Neuroscience and Education</i> , 2020, 20, 100137.	1.5	3
300	Differential neurophysiological correlates of retrieval of consolidated and reconsolidated memories in humans: An ERP and pupillometry study. <i>Neurobiology of Learning and Memory</i> , 2020, 174, 107279.	1.0	7
301	Reactivation during sleep with incomplete reminder cues rather than complete ones stabilizes long-term memory in humans. <i>Communications Biology</i> , 2020, 3, 733.	2.0	9
302	The Ontogenesis of Mammalian Sleep: Form and Function. <i>Current Sleep Medicine Reports</i> , 2020, 6, 267-279.	0.7	18
303	<p>Evaluation of the Effect of Hypericum triquetrifolium Turra on Memory Impairment Induced by Chronic Psychosocial Stress in Rats: Role of BDNF</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5299-5314.	2.0	16
304	How to optimize knowledge construction in the brain. <i>Npj Science of Learning</i> , 2020, 5, 5.	1.5	30
305	Effects of acute cardiovascular exercise on motor memory encoding and consolidation: A systematic review with meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 365-381.	2.9	49
306	The role of intrinsic excitability in the evolution of memory: Significance in memory allocation, consolidation, and updating. <i>Neurobiology of Learning and Memory</i> , 2020, 173, 107266.	1.0	35
307	Rapid changes in brain activity during learning of grapheme-phoneme associations in adults. <i>NeuroImage</i> , 2020, 220, 117058.	2.1	16
308	Congruency and reactivation aid memory integration through reinstatement of prior knowledge. <i>Scientific Reports</i> , 2020, 10, 4776.	1.6	30
309	Regression I. Experimental approaches to regression. <i>Journal of Analytical Psychology</i> , 2020, 65, 345-365.	0.1	4

#	ARTICLE	IF	CITATIONS
310	Local Targeted Memory Reactivation in Human Sleep. <i>Current Biology</i> , 2020, 30, 1435-1446.e5.	1.8	30
311	SINGULARISM about Episodic Memory. <i>Review of Philosophy and Psychology</i> , 2020, 11, 335-365.	1.0	11
312	Terminological and Epistemological Issues in Current Memory Research. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 336.	1.4	8
313	The many faces of forgetting: Toward a constructive view of forgetting in everyday life.. <i>Journal of Applied Research in Memory and Cognition</i> , 2020, 9, 1-18.	0.7	44
314	A stable homeâ€base promotes allocentric memory representations of episodicâ€like everyday spatial memory. <i>European Journal of Neuroscience</i> , 2020, 51, 1539-1558.	1.2	9
315	Effects of transcranial electrical stimulation on episodic memory in physiological and pathological ageing. <i>Ageing Research Reviews</i> , 2020, 61, 101065.	5.0	11
316	Molecular Mechanisms in Hippocampus Involved on Object Recognition Memory Consolidation and Reconsolidation. <i>Neuroscience</i> , 2020, 435, 112-123.	1.1	19
317	A sleep spindle framework for motor memory consolidation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190232.	1.8	38
318	Memory as Triage: Facing Up to the Hard Question of Memory. <i>Review of Philosophy and Psychology</i> , 2021, 12, 227-256.	1.0	7
319	Critical role of hippocampal muscarinic acetylcholine receptors on memory reconsolidation in mice. <i>Neurobiology of Learning and Memory</i> , 2021, 177, 107360.	1.0	7
320	Active Transition of Fear Memory Phase from Reconsolidation to Extinction through ERK-Mediated Prevention of Reconsolidation. <i>Journal of Neuroscience</i> , 2021, 41, 1288-1300.	1.7	15
321	Semantic and perceptual encoding lead to decreased fine mnemonic discrimination following multiple presentations. <i>Memory</i> , 2021, 29, 141-145.	0.9	1
322	Prior Reward Conditioning Dampens Hippocampal and Striatal Responses during an Associative Memory Task. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 402-421.	1.1	3
323	Early Visual Cortex Stimulation Modifies Well-Consolidated Perceptual Gains. <i>Cerebral Cortex</i> , 2021, 31, 138-146.	1.6	11
324	Memory and Sleep: How Sleep Cognition Can Change the Waking Mind for the Better. <i>Annual Review of Psychology</i> , 2021, 72, 123-150.	9.9	63
325	A case for the role of memory consolidation in speech-motor learning. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 81-95.	1.4	3
328	Acute exercise following skill practice promotes motor memory consolidation in Parkinsonâ€™s disease. <i>Neurobiology of Learning and Memory</i> , 2021, 178, 107366.	1.0	5
329	Distinct Transcriptomic Profiles in the Dorsal Hippocampus and Prelimbic Cortex Are Transiently Regulated following Episodic Learning. <i>Journal of Neuroscience</i> , 2021, 41, 2601-2614.	1.7	13

#	ARTICLE	IF	CITATIONS
330	Deficits of Learning in Procedural Memory and Consolidation in Declarative Memory in Adults With Developmental Language Disorder. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 531-541.	0.7	9
331	Neuroscience of Object Relations in Health and Disorder: A Proposal for an Integrative Model. <i>Frontiers in Psychology</i> , 2021, 12, 583743.	1.1	7
332	Interactions between the amygdala and medial prefrontal cortex as upstream regulators of the hippocampus to reconsolidate and enhance retrieved inhibitory avoidance memory. <i>Molecular Brain</i> , 2021, 14, 44.	1.3	4
333	Overnight Consolidation of Speech Sounds Predicts Decoding Ability in Skilled Adult Readers. <i>Scientific Studies of Reading</i> , 2022, 26, 79-88.	1.3	0
335	Retrieval-extinction as a reconsolidation-based treatment for emotional disorders:Evidence from an extinction retention test shortly after intervention. <i>Behaviour Research and Therapy</i> , 2021, 139, 103831.	1.6	6
336	Two spaced training trials induce associative ERK-dependent long term memory in <i>Neohelice granulata</i> . <i>Behavioural Brain Research</i> , 2021, 403, 113132.	1.2	5
337	Collective memories on the 2010 European debt crisis. <i>European Union Politics</i> , 0, , 146511652110099.	1.6	4
338	Engram cell connectivity: an evolving substrate for information storage. <i>Current Opinion in Neurobiology</i> , 2021, 67, 215-225.	2.0	17
339	The Embodied-Enactive-Interactive Brain: Bridging Neuroscience and Creative Arts Therapies. <i>Frontiers in Psychology</i> , 2021, 12, 634079.	1.1	13
340	Accelerated Long-Term Forgetting: Prolonged Delayed Recognition as Sensitive Measurement for Different Profiles of Long-Term Memory and Metacognitive Confidence in Stroke Patients. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 327-336.	1.2	5
341	The integrated information theory of consciousness: A case of mistaken identity. <i>Behavioral and Brain Sciences</i> , 2022, 45, 1-72.	0.4	22
343	Sleep deprivation impairs binding of information with its context. <i>Sleep</i> , 2021, 44, .	0.6	11
344	No consolidation without representation: Correspondence between neural and psychological representations in recent and remote memory. <i>Neuron</i> , 2021, 109, 2239-2255.	3.8	63
345	The effect of acute aerobic exercise on the consolidation of motor memories. <i>Experimental Brain Research</i> , 2021, 239, 2461-2475.	0.7	5
346	The Roles of the Cortical Motor Areas in Sequential Movements. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 640659.	1.0	13
347	Understanding the dynamic and destiny of memories. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 592-607.	2.9	21
348	Temporal dynamic of the hippocampal structural plasticity associated with the fear memory destabilization/reconsolidation process. <i>Hippocampus</i> , 2021, 31, 1080-1091.	0.9	4
349	<i>Wolbachia</i> manipulate fitness benefits of olfactory associative learning in a parasitoid wasp. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	4

#	ARTICLE	IF	CITATIONS
350	Protein synthesis inhibitor administration before a reminder caused recovery from amnesia induced by memory reconsolidation impairment with NMDA glutamate receptor antagonist. <i>Brain Research Bulletin</i> , 2021, 171, 44-55.	1.4	2
351	Incomplete reminder cues trigger memory reconsolidation and sustain learned immune responses. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 115-121.	2.0	4
352	The role of the anterior nuclei of the thalamus in human memory processing. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 146-158.	2.9	38
353	Online Learning and Memory of Neural Trajectory Replays for Prefrontal Persistent and Dynamic Representations in the Irregular Asynchronous State. <i>Frontiers in Neural Circuits</i> , 2021, 15, 648538.	1.4	2
355	Hippocampal replay reflects specific past experiences rather than a plan for subsequent choice. <i>Neuron</i> , 2021, 109, 3149-3163.e6.	3.8	86
356	Sleep and conditioning of the siphon withdrawal reflex in <i>Aplysia</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	1
357	When Will Robots Be Sentient?. <i>Journal of Artificial Intelligence and Consciousness</i> , 2021, 08, 183-203.	0.6	5
358	Effects of age differences in memory formation on neural mechanisms of consolidation and retrieval. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 135-145.	2.3	9
359	Neurophysiology of Remembering. <i>Annual Review of Psychology</i> , 2022, 73, 187-215.	9.9	25
360	Abnormal Brain Activation During Verbal Memory Encoding in Postacute Anti-N-Methyl-d-Aspartate Receptor Encephalitis. <i>Brain Connectivity</i> , 2021, , .	0.8	1
361	The Engramâ€™s Dark Horse: How Interneurons Regulate State-Dependent Memory Processing and Plasticity. <i>Frontiers in Neural Circuits</i> , 2021, 15, 750541.	1.4	8
362	Effect of feedback type on enhancing subsequent memory: Interaction with initial correctness and confidence level. <i>PsyCh Journal</i> , 2021, 10, 751-766.	0.5	0
363	Positive and neutral updating reconsolidate aversive episodic memories via different routes. <i>Neurobiology of Learning and Memory</i> , 2021, 184, 107500.	1.0	3
364	Examining the transition of novel information toward familiarity. <i>Neuropsychologia</i> , 2021, 161, 107993.	0.7	3
365	Long term effects of cueing procedural memory reactivation during NREM sleep. <i>NeuroImage</i> , 2021, 244, 118573.	2.1	21
366	A study on episodic memory reconsolidation that tells us more about consolidation. <i>Learning and Memory</i> , 2021, 28, 30-33.	0.5	4
367	Consolidation of Episodic Memory: An Epiphenomenon of Semantic Learning. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017, , 57-72.	0.1	4
368	Learned Placebo Responses in Neuroendocrine and Immune Functions. <i>Handbook of Experimental Pharmacology</i> , 2014, 225, 159-181.	0.9	13

#	ARTICLE	IF	CITATIONS
369	A Duty to Remember, a Right to Forget? Memory Manipulations and the Law. , 2015, , 1279-1307.		4
371	Behavioral disruption of memory reconsolidation: From bench to bedside and back again.. Behavioral Neuroscience, 2018, 132, 13-22.	0.6	20
372	Promoting memory consolidation during sleep: A meta-analysis of targeted memory reactivation.. Psychological Bulletin, 2020, 146, 218-244.	5.5	134
373	Genes associated with cognitive performance in the Morris water maze: an RNA-seq study. Scientific Reports, 2020, 10, 22078.	1.6	22
378	Memory and Selfâ€“Neuroscientific Landscapes. ISRN Neuroscience, 2013, 2013, 1-26.	1.5	32
379	http://www.neuropsychotherapist.com/ijnpt-vol-3/ . International Journal of Neuropsychotherapy, 2015, 3, 47-69.	0.2	15
380	Formation and Maintenance of Robust Long-Term Information Storage in the Presence of Synaptic Turnover. PLoS Computational Biology, 2015, 11, e1004684.	1.5	30
381	Does Recall after Sleep-Dependent Memory Consolidation Reinstates Sensitivity to Retroactive Interference?. PLoS ONE, 2013, 8, e68727.	1.1	16
382	Divided Attention Improves Delayed, but Not Immediate Retrieval of a Consolidated Memory. PLoS ONE, 2014, 9, e91309.	1.1	11
383	Differential Left Hippocampal Activation during Retrieval with Different Types of Reminders: An fMRI Study of the Reconsolidation Process. PLoS ONE, 2016, 11, e0151381.	1.1	23
384	Acute Exercise and Motor Memory Consolidation: The Role of Exercise Intensity. PLoS ONE, 2016, 11, e0159589.	1.1	97
386	PKM and the maintenance of memory. F1000 Biology Reports, 2013, 5, 4.	4.0	31
387	Functional Connectivity Changes during Consolidation of Inhibitory Avoidance Memory in Rats: A Manganese-Enhanced MRI Study. Chinese Journal of Physiology, 2013, 56, 269-281.	0.4	5
388	Hippocampal ensemble dynamics timestamp events in long-term memory. ELife, 2015, 4, .	2.8	216
389	The computational nature of memory modification. ELife, 2017, 6, .	2.8	92
390	Inhibition of protein synthesis in M1 of monkeys disrupts performance of sequential movements guided by memory. ELife, 2020, 9, .	2.8	8
391	The brain in motion: How ensemble fluidity drives memory-updating and flexibility. ELife, 2020, 9, .	2.8	71
392	Studying episodic memory using real-time fMRI. , 2021, , 107-130.		2

#	ARTICLE	IF	CITATIONS
393	Minimal impact of consolidation on learned switch-readiness.. Journal of Experimental Psychology: Learning Memory and Cognition, 2021, 47, 1622-1637.	0.7	5
394	Synaptic Mechanisms of Induction and Maintenance of Long-Term Sensitization Memory in Aplysia. Handbook of Behavioral Neuroscience, 2013, , 206-220.	0.7	0
395	Visual Cognitive Adventures of Single Neurons in the Human Medial Temporal Lobe. , 2014, , 121-152.		0
397	Safety and Feasibility of neurofeedback training (NFB) during sleep in uncooperative child with Autism: case report. NeuroRegulation, 2016, 3, 135-139.	0.7	0
399	Transcriptional Regulation of Memory Formation. , 2017, , 329-343.		1
402	How neuroscience can inform education. , 0, , .		0
405	A Memory Circuit for Coping with Impending Adversity. SSRN Electronic Journal, 0, , .	0.4	1
407	Biological Specifics of Musical Performing Memory Essence for Musical Performance Efficiency. Asian Journal of Humanities and Social Studies, 2020, 8, .	0.1	0
410	The CoViBE: An Innovating Self-Paced Elearning to Teach Virtually Bench-Top Practice. Higher Education Studies, 2020, 10, 101.	0.3	0
418	Insular cortex neurons encode and retrieve specific immune responses. Cell, 2021, 184, 5902-5915.e17.	13.5	124
419	Postreactivation mifepristone impairs generalization of strongly conditioned contextual fear memories. Learning and Memory, 2020, 27, 483-487.	0.5	1
420	Overtraining Strengthens the Visual Discrimination Memory Trace Outside the Hippocampus in Male Rats. Frontiers in Behavioral Neuroscience, 2021, 15, 768552.	1.0	4
422	Molecular Mechanisms of Memory Consolidation That Operate During Sleep. Frontiers in Molecular Neuroscience, 2021, 14, 767384.	1.4	4
423	Hebbian plasticity in parallel synaptic pathways: A circuit mechanism for systems memory consolidation. PLoS Computational Biology, 2021, 17, e1009681.	1.5	4
424	A neural network account of memory replay and knowledge consolidation. Cerebral Cortex, 2022, 33, 83-95.	1.6	9
425	Cathodal transcranial direct current stimulation on the prefrontal cortex applied after reactivation attenuates fear memories and prevent reinstatement after extinction. Journal of Psychiatric Research, 2022, 145, 213-221.	1.5	3
426	La causalit� du souvenir �pisodique. Un d�bat r�cent en philosophie de la m�moire. Revue De Metaphysique Et De Morale, 2022, N� 113, 85-108.	0.1	0
427	Coordinated hippocampal-thalamic-cortical communication crucial for engram dynamics underneath systems consolidation. Nature Communications, 2022, 13, 840.	5.8	15

#	ARTICLE	IF	CITATIONS
429	Selective memory retrieval can revive forgotten memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
430	Functioning of Declarative Memory: Intersection between Neuropsychology and Mathematics. , 2022, 1, .		0
431	From Biological Synapses to "Intelligent" Robots. <i>Electronics (Switzerland)</i> , 2022, 11, 707.	1.8	3
433	Age-related effects on online and offline learning in visuo-spatial working memory. <i>Aging, Neuropsychology, and Cognition</i> , 2023, 30, 486-503.	0.7	2
434	tDCS-Induced Memory Reconsolidation Effects: Analysis of Prominent Predicting Factors. <i>Frontiers in Neuroscience</i> , 2022, 16, 814003.	1.4	4
435	Memory-directed acupuncture as a neuromodulatory treatment for PTSD: Theory, clinical model and case studies. <i>Translational Psychiatry</i> , 2022, 12, 110.	2.4	5
436	Propping up the causal theory. <i>Synthese</i> , 2022, 200, 1.	0.6	5
437	The cognitive principles of learning underlying the 5E Model of Instruction. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	11
438	Improvement of episodic memory retention by a memory reactivation intervention across the lifespan: from younger adults to amnesic patients. <i>Translational Psychiatry</i> , 2022, 12, 144.	2.4	2
439	Are there Age-Related Differences in the Effects of Prior Knowledge on Learning? Insights Gained from the Memory Congruency Effect. <i>Mind, Brain, and Education</i> , 2022, 16, 89-98.	0.9	4
440	Autobiographical memory loss in Alzheimer's disease: The role of the reminiscence bump. <i>Cortex</i> , 2022, 150, 137-148.	1.1	11
441	Theta Neurofeedback Training Supports Motor Performance and Flow Experience. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2022, 6, 434-450.	0.8	5
442	Overnight changes to dual-memory processes reflected in speech-perceptual performance. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 231-243.	0.7	1
445	Embodiment of an Emotional State Concurrs with a Stress-Induced Reconsolidation Impairment Effect on an Auditory Verbal Word-List Memory. <i>Neuroscience</i> , 2022, 497, 239-256.	1.1	4
446	Pairing-Dependent Plasticity in a Dissected Fly Brain Is Input-Specific and Requires Synaptic CaMKII Enrichment and Nighttime Sleep. <i>Journal of Neuroscience</i> , 2022, 42, 4297-4310.	1.7	4
447	Importance of the Physical Sports Experience in Modern Physical Education. <i>Advances in Early Childhood and K-12 Education</i> , 2022, , 359-376.	0.2	0
448	Sleep enhances reconsolidation-based strengthening of visuospatial memories. <i>Scientific Reports</i> , 2022, 12, 7307.	1.6	1
449	Learning induces coordinated neuronal plasticity of metabolic demands and functional brain networks. <i>Communications Biology</i> , 2022, 5, 428.	2.0	9

#	ARTICLE	IF	CITATIONS
450	Replay of Specific Sequences of Neuronal Activity in the Brain and its Significance for Cognitive Processes. <i>ĀksperimentalĒnaĀĉ PsihologiĀĉ</i> , 2022, 15, 33-55.	0.1	0
451	Schematic information influences memory and generalisation behaviour for schema-relevant and -irrelevant information. <i>Cognition</i> , 2022, 227, 105203.	1.1	4
452	Non-linear susceptibility to interferences in declarative memory formation. <i>PLoS ONE</i> , 2022, 17, e0270678.	1.1	0
453	Effects of Information Load on Schema and Episodic Memory Formation. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	1
454	Brain-wide screen of prelimbic cortex inputs reveals a functional shift during early fear memory consolidation. <i>ELife</i> , 0, 11, .	2.8	13
455	Episodic memory updating among older adults: moderating role of prior knowledge. <i>Memory</i> , 2022, 30, 1240-1247.	0.9	2
456	Persistent up-regulation of polyribosomes at synapses during long-term memory, reconsolidation, and extinction of associative memory. <i>Learning and Memory</i> , 2022, 29, 192-202.	0.5	0
457	The day I told Karim Nader, "Don't do the study". <i>Brain Research Bulletin</i> , 2022, 189, 1-3.	1.4	1
458	The hippocampal formation as a hierarchical generative model supporting generative replay and continual learning. <i>Progress in Neurobiology</i> , 2022, 217, 102329.	2.8	17
459	Reconsolidation: A paradigm shift. <i>Brain Research Bulletin</i> , 2022, 189, 184-186.	1.4	2
460	From remembering to reconstruction: The transformative neural representation of episodic memory. <i>Progress in Neurobiology</i> , 2022, 219, 102351.	2.8	11
461	Astrocyte-derived lactate/NADH alters methamphetamine-induced memory consolidation and retrieval by regulating neuronal synaptic plasticity in the dorsal hippocampus. <i>Brain Structure and Function</i> , 2022, 227, 2681-2699.	1.2	2
462	The double-edged sword of memory retrieval. , 0, , .		4
463	Infraslow Neurofeedback Training Alters Effective Connectivity in Individuals with Chronic Low Back Pain: A Secondary Analysis of a Pilot Randomized Placebo-Controlled Study. <i>Brain Sciences</i> , 2022, 12, 1514.	1.1	3
464	Astrocytes in CA1 modulate schema establishment in the hippocampal-cortical neuron network. <i>BMC Biology</i> , 2022, 20, .	1.7	6
465	Distinct multivariate structural brain profiles are related to variations in short- and long-delay memory consolidation across children and young adults. <i>Developmental Cognitive Neuroscience</i> , 2023, 59, 101192.	1.9	0
468	Accommodating representation in the neuroscience of memory: a conceptual blending analysis of replay and preplay in hippocampal place cell research. <i>Cognitive Semiotics</i> , 2022, 15, 175-196.	0.3	0
469	Continuously changing memories: a framework for proactive and non-linear consolidation. <i>Trends in Neurosciences</i> , 2023, 46, 8-19.	4.2	5

#	ARTICLE	IF	CITATIONS
470	Has the concept of systems consolidation outlived its usefulness? Identification and evaluation of premises underlying systems consolidation. <i>Faculty Reviews</i> , 0, 11, .	1.7	3
471	Spatial contextual recognition memory updating is modulated by dopamine release in the dorsal hippocampus from the locus coeruleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	12
472	Targeted memory reactivation during sleep influences social bias as a function of slow-wave oscillation phase and delta power. <i>Psychophysiology</i> , 2023, 60, .	1.2	6
474	Influences of Aerobic Exercise on Motor Sequence Learning and Corticomotor Excitability in People With Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2023, 37, 37-45.	1.4	1
475	Replay and compositional computation. <i>Neuron</i> , 2023, 111, 454-469.	3.8	14
476	Temporal prediction error triggers amygdala-dependent memory updating in appetitive operant conditioning in rats. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	1
477	Changes in the Electrical Characteristics of Premotor Interneurons and Serotonin-Containing Modulator Snail Neurons upon Developing a Contextual Conditioned Reflex and Its Reconsolidation. <i>BioNanoScience</i> , 0, , .	1.5	0
478	Exploring electroencephalographic infraslow neurofeedback treatment for chronic low back pain: a double-blinded safety and feasibility randomized placebo-controlled trial. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
479	To sleep or not to sleep – Effects on memory in normal aging and disease. <i>Aging Brain</i> , 2023, 3, 100068.	0.7	4
481	On making (and turning adaptive to) maladaptive aversive memories in laboratory rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 147, 105101.	2.9	5
482	Reactivation-induced motor skill modulation does not operate at a rapid micro-timescale level. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
485	Making Leaps and Hitting Boundaries in Reconsolidation: Overcoming Boundary Conditions to Increase Clinical Translatability of Reconsolidation-based Therapies. <i>Neuroscience</i> , 2023, 519, 198-206.	1.1	3
486	Circadian disruption of memory consolidation in <i>Drosophila</i> . <i>Frontiers in Systems Neuroscience</i> , 0, 17, .	1.2	1
487	Examining the engram encoding specificity hypothesis in mice. <i>Neuron</i> , 2023, 111, 1830-1845.e5.	3.8	8
494	Associating Aversive Task Exposure with Pharmacological Intervention to Model Traumatic Memories in Laboratory Rodents. <i>Neuromethods</i> , 2023, , 247-304.	0.2	0
495	Role of hippocampal CB1 and CB2 receptors in fear memory consolidation, extinction, and reconsolidation. , 2023, , 283-295.		0
502	How India Changed My Ideas About Honey Bees. <i>Journal of the Indian Institute of Science</i> , 2023, 103, 981-995.	0.9	2