Kaori Takehara-Nishiuchi

List of Publications by Year
in descending order

44 papers	1,754 citations	361413 20 h-index	289244 40 g-index
51 all docs	51 docs citations	51 times ranked	1812 citing authors

#	Article	IF	Citations
1	Time-Dependent Reorganization of the Brain Components Underlying Memory Retention in Trace Eyeblink Conditioning. Journal of Neuroscience, 2003, 23, 9897-9905.	3.6	309
2	Spontaneous Changes of Neocortical Code for Associative Memory During Consolidation. Science, 2008, 322, 960-963.	12.6	213
3	Parvalbumin-positive interneurons mediate neocortical-hippocampal interactions that are necessary for memory consolidation. ELife, 2017, 6, .	6.0	151
4	Systems Consolidation Requires Postlearning Activation of NMDA Receptors in the Medial Prefrontal Cortex in Trace Eyeblink Conditioning. Journal of Neuroscience, 2006, 26, 5049-5058.	3.6	98
5	Time-limited role of the hippocampus in the memory for trace eyeblink conditioning in mice. Brain Research, 2002, 951, 183-190.	2.2	89
6	Parvalbumin and GAD65 Interneuron Inhibition in the Ventral Hippocampus Induces Distinct Behavioral Deficits Relevant to Schizophrenia. Journal of Neuroscience, 2014, 34, 14948-14960.	3.6	78
7	Entorhinal cortex and consolidated memory. Neuroscience Research, 2014, 84, 27-33.	1.9	71
8	NMDA receptor-dependent processes in the medial prefrontal cortex are important for acquisition and the early stage of consolidation during trace, but not delay eyeblink conditioning. Learning and Memory, 2005, 12, 606-614.	1.3	68
9	Increased Entorhinalâ€"Prefrontal Theta Synchronization Parallels Decreased Entorhinalâ€"Hippocampal Theta Synchronization during Learning and Consolidation of Associative Memory. Frontiers in Behavioral Neuroscience, 2011, 5, 90.	2.0	52
10	Functional Dissociation within the Entorhinal Cortex for Memory Retrieval of an Association between Temporally Discontiguous Stimuli. Journal of Neuroscience, 2012, 32, 5356-5361.	3.6	48
11	Effects of the noncompetitive NMDA receptor antagonist MK-801 on classical eyeblink conditioning in mice. Neuropharmacology, 2001, 41, 618-628.	4.1	37
12	Generalizable knowledge outweighs incidental details in prefrontal ensemble code over time. ELife, 2017, 6, .	6.0	37
13	The cortical structure of consolidated memory: A hypothesis on the role of the cingulateâ€"entorhinal cortical connection. Neurobiology of Learning and Memory, 2013, 106, 343-350.	1.9	33
14	The Anatomy and Physiology of Eyeblink Classical Conditioning. Current Topics in Behavioral Neurosciences, 2016, 37, 297-323.	1.7	33
15	Phasic and tonic neuron ensemble codes for stimulus-environment conjunctions in the lateral entorhinal cortex. ELife, 2017, 6, .	6.0	32
16	Prefrontalâ€"hippocampal interaction during the encoding of new memories. Brain and Neuroscience Advances, 2020, 4, 239821282092558.	3.4	30
17	Diversity of mnemonic function within the entorhinal cortex: A meta-analysis of rodent behavioral studies. Neurobiology of Learning and Memory, 2014, 115, 95-107.	1.9	29
18	Weaning Off Mental Tasks to Achieve Voluntary Self-Regulatory Control of a Near-Infrared Spectroscopy Brain-Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 548-561.	4.9	28

#	Article	IF	Citations
19	Entorhinal tau pathology disrupts hippocampal-prefrontal oscillatory coupling during associative learning. Neurobiology of Aging, 2017, 58, 151-162.	3.1	28
20	Neurobiology of systems memory consolidation. European Journal of Neuroscience, 2021, 54, 6850-6863.	2.6	25
21	Usability and performance-informed selection of personalized mental tasks for an online near-infrared spectroscopy brain-computer interface. Neurophotonics, 2015, 2, 025001.	3.3	24
22	Enhancing Prefrontal Neuron Activity Enables Associative Learning of Temporally Disparate Events. Cell Reports, 2016, 15, 2400-2410.	6.4	21
23	Cholinergic Modulation of Frontoparietal Cortical Network Dynamics Supporting Supramodal Attention. Journal of Neuroscience, 2018, 38, 3988-4005.	3.6	21
24	Unilateral Lateral Entorhinal Inactivation Impairs Memory Expression in Trace Eyeblink Conditioning. PLoS ONE, 2013, 8, e84543.	2.5	19
25	The N-methyl-d-aspartate (NMDA)-type glutamate receptor GluRÎµ2 is important for delay and trace eyeblink conditioning in mice. Neuroscience Letters, 2004, 364, 43-47.	2.1	16
26	Cholinergic, but not <scp>NMDA</scp>, receptors in the lateral entorhinal cortex mediate acquisition in trace eyeblink conditioning. Hippocampus, 2015, 25, 1456-1464.	1.9	16
27	Prefrontal Theta Oscillations Promote Selective Encoding of Behaviorally Relevant Events. ENeuro, 2018, 5, ENEURO.0407-18.2018.	1.9	16
28	Observational fear learning in degus is correlated with temporal vocalization patterns. Behavioural Brain Research, 2017, 332, 362-371.	2.2	15
29	Prefrontal Neural Ensembles Develop Selective Code for Stimulus Associations within Minutes of Novel Experiences. Journal of Neuroscience, 2020, 40, 8355-8366.	3.6	15
30	Exploring methodological frameworks for a mental task-based near-infrared spectroscopy brainâ€“computer interface. Journal of Neuroscience Methods, 2015, 254, 36-45.	2.5	11
31	Chronic deep brain stimulation of the rat ventral medial prefrontal cortex disrupts hippocampalâ€“prefrontal coherence. Experimental Neurology, 2015, 269, 1-7.	4.1	11
32	Neural representations of time-linked memory. Neurobiology of Learning and Memory, 2018, 153, 57-70.	1.9	10
33	Lateral entorhinal cortex supports the development of prefrontal network activity that bridges temporally discontiguous stimuli. Hippocampus, 2021, 31, 1285-1299.	1.9	10
34	Distributed representations of temporal stimulus associations across regular-firing and fast-spiking neurons in rat medial prefrontal cortex. Journal of Neurophysiology, 2020, 123, 439-450.	1.8	9
35	Coupling of prefrontal gamma amplitude and theta phase is strengthened in trace eyeblink conditioning. Neurobiology of Learning and Memory, 2013, 100, 117-126.	1.9	8
36	Neuronal ensemble dynamics in associative learning. Current Opinion in Neurobiology, 2022, 73, 102530.	4.2	8

#	Article	IF	Citations
37	Multiple dimensions of social motivation in adult female degus. PLoS ONE, 2021, 16, e0250219.	2.5	6
38	Lateral Entorhinal Cortex Suppresses Drift in Cortical Memory Representations. Journal of Neuroscience, 2022, 42, 1104-1118.	3.6	6
39	Outcome-Locked Cholinergic Signaling Suppresses Prefrontal Encoding of Stimulus Associations. Journal of Neuroscience, 2022, 42, 4202-4214.	3.6	6
40	Activation Patterns in Superficial Layers of Neocortex Change Between Experiences Independent of Behavior, Environment, or the Hippocampus. Cerebral Cortex, 2013, 23, 2225-2234.	2.9	5
41	Aberrant Cortical Event-Related Potentials During Associative Learning in Rat Models for Presymptomatic Stages of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 63, 725-740.	2.6	4
42	Neuronal Code for Episodic Time in the Lateral Entorhinal Cortex. Frontiers in Integrative Neuroscience, 2022, 16, 899412.	2.1	1
43	P4-005: ENTORHINAL TAU PATHOLOGY AFFECTS LOCAL NEURONS AND CORTICAL THETA OSCILLATIONS DURING MEMORY ACQUISITION. , 2014, 10, P785-P785.		0
44	Prefrontal projections to the nucleus reuniens signal behavioral relevance of stimuli during associative learning. Scientific Reports, 2022, 12, .	3.3	0