The three-dimensional organization of the hippocampa data

Neuroscience 31, 571-591 DOI: 10.1016/0306-4522(89)90424-7

Citation Report

#	Article	IF	CITATIONS
1	From Classic Expert Systems to Models: Introduction to a Methodology for Building Model-Based Systems. Studies in Computer Science and Artificial Intelligence, 1989, 5, 87-110.	0.3	17
2	Organization of intrahippocampal projections originating from CA3 pyramidal cells in the rat. Journal of Comparative Neurology, 1990, 295, 580-623.	0.9	779
3	Extrinsic projections from area CA1 of the rat hippocampus: Olfactory, cortical, subcortical, and bilateral hippocampal formation projections. Journal of Comparative Neurology, 1990, 302, 515-528.	0.9	377
4	Chapter 4 The subiculum: cytoarchitectonically a simple structure, but hodologically complex. Progress in Brain Research, 1990, 83, 47-58.	0.9	117
5	Chapter 19 Chapter Spatial organization of physiological activity in the hippocampal region: relevance to memory formation. Progress in Brain Research, 1990, 83, 257-268.	0.9	54
6	Limbic Structures and Lateral Ventricle in Schizophrenia. Archives of General Psychiatry, 1990, 47, 1016.	13.8	128
7	Synaptic connections of dentate granule cells and hilar neurons: Results of paired intracellular recordings and intracellular horseradish peroxidase injections. Neuroscience, 1990, 37, 693-707.	1.1	235
8	Chapter 1 Chapter Neurons, numbers and the hippocampal network. Progress in Brain Research, 1990, 83, 1-11.	0.9	400
9	Learning and memory. Brain Research Reviews, 1991, 16, 193-220.	9.1	133
10	Hippocampal damage produced by tetanus toxin in rats can be prevented by lesioning CA1 pyramidal cell excitatory afferents. Neuroscience Letters, 1991, 123, 32-36.	1.0	6
11	Effect of perforant path lesion on pattern of glutamate-like immunoreactivity in rat dentate gyrus. Neuroscience, 1991, 41, 391-400.	1.1	22
12	Synaptic reorganization by mossy fibers in human epileptic fascia dentata. Neuroscience, 1991, 42, 351-363.	1.1	623
13	The kinetics and morphological characteristics of the macrophage-microglial response to kainic acid-induced neuronal degeneration. Neuroscience, 1991, 42, 201-214.	1.1	242
14	Long-term low-protein diet reduces the number of hippocampal mossy fiber synapses. Experimental Neurology, 1991, 112, 119-124.	2.0	30
15	Characterization ofVicia villosa agglutinin-labeled GABAergic interneurons in the hippocampal formation and in acutely dissociated hippocampus. Brain Research, 1991, 554, 176-185.	1.1	33
16	Induction of long-term potentiation is associated with an increase in the number of axospinous synapses with segmented postsynaptic densities. Brain Research, 1991, 566, 77-88.	1.1	263
17	A comparison of the ontogeny of excitatory and inhibitory neurotransmission in the CA1 region and dentate gyrus of the rat hippocampal formation. Developmental Brain Research, 1991, 63, 237-243.	2.1	59
18	Characterization of opioid-dependent glial development in dissociated and organotypic cultures of mouse central nervous system: critical periods and target specificity. Developmental Brain Research, 1991, 62, 245-255.	2.1	46

#	Article	IF	CITATIONS
19	Anesthetic Actions in the Hippocampal Formation. Annals of the New York Academy of Sciences, 1991, 625, 37-50.	1.8	31
20	Functional anatomy of hippocampal seizures. Progress in Neurobiology, 1991, 37, 1-82.	2.8	324
21	High vulnerability of dentate granule cells to the neuropathological effects induced by intrahippocampal injection of tetanus toxin. Neuropharmacology, 1991, 30, 803-808.	2.0	8
22	Regional heterogeneity in the distribution of neurotransmitter markers in the rat hippocampus. Neuroscience, 1991, 45, 261-272.	1.1	110
23	Selective vulnerability of the hippocampus in brain ischemia. Neuroscience, 1991, 40, 599-636.	1.1	910
24	Kinetic properties of two anatomically distinct excitatory synapses in hippocampal CA3 pyramidal neurons. Journal of Neurophysiology, 1991, 66, 1010-1020.	0.9	52
25	A neural network approach to hippocampal function in classical conditioning Behavioral Neuroscience, 1991, 105, 82-110.	0.6	97
26	The efferent connections of the lateral septal nucleus in the guinea pig: intrinsic connectivity of the septum and projections to other telencephalic areas. Cell and Tissue Research, 1991, 264, 415-426.	1.5	63
27	Aspartate- and Clutamate-like Immunoreactivities in Rat Hippocampal Slices: Depolarization-induced Redistribution and Effects of Precursors. European Journal of Neuroscience, 1991, 3, 1281-1299.	1.2	44
28	Crossing fiber arrays in the rat hippocampus as demonstrated by three-dimensional reconstruction. Journal of Comparative Neurology, 1991, 303, 435-442.	0.9	57
29	Ultrastructure and aspects of functional organization of pyramidal and nonpyramidal entorhinal projection neurons contributing to the perforant path. Journal of Comparative Neurology, 1991, 305, 215-231.	0.9	40
30	Morphological organization of rat hippocampal slice cultures. Journal of Comparative Neurology, 1991, 307, 87-106.	0.9	99
31	The mossy cells of the fascia dentata: A comparative study of their fine structure and synaptic connections in rodents and primates. Journal of Comparative Neurology, 1991, 312, 145-163.	0.9	191
32	Effects of hypothyroidism upon the granular layer of the dentate gyrus in male and female adult rats: A morphometric study. Journal of Comparative Neurology, 1991, 314, 171-186.	0.9	96
33	Permanently altered hippocampal structure, excitability, and inhibition after experimental status epilepticus in the rat: The ?dormant basket cell? hypothesis and its possible relevance to temporal lobe epilepsy. Hippocampus, 1991, 1, 41-66.	0.9	662
34	On the neural bases of the spatial mapping system: Hippocampus vs. hippocampal formation. Hippocampus, 1991, 1, 236-239.	0.9	44
35	Multiple representations in the hippocampus. Hippocampus, 1991, 1, 240-242.	0.9	80
36	The hippocampus as a cognitive graph (abridged version). Hippocampus, 1991, 1, 243-246.	0.9	78

#	Article	IF	CITATIONS
37	In vivo intrahippocampal microinfusion of carbachol and bicuculline induces theta-like oscillations in the septally deafferented hippocampus. Hippocampus, 1991, 1, 381-390.	0.9	68
38	Electrophysiological characterization of associational pathway terminating on dentate gyrus granule cells in the rat. Hippocampus, 1991, 1, 399-404.	0.9	20
39	Integrity of perforant path fibers and the frequency of action potential independent excitatory and inhibitory synaptic events in dentate gyrus granule cells. Synapse, 1991, 9, 219-224.	0.6	23
40	Neurotoxic Effects Induced by Intracerebral and Systemic Injection of Paraquat in Rats. Human and Experimental Toxicology, 1992, 11, 535-539.	1.1	42
41	Analgesia produced by lidocaine microinjection into the dentate gyms. Pain, 1992, 49, 105-112.	2.0	105
42	Glutamate transmission is involved in the mechanisms of neuronal degeneration produced by intrahippocampal tetanus toxin in rats. Toxicology Letters, 1992, 64-65, 447-453.	0.4	20
43	The hippocampus—what does it do?. Behavioral and Neural Biology, 1992, 57, 2-36.	2.3	824
44	Calretinin is present in non-pyramidal cells of the rat hippocampus—l. A new type of neuron specifically associated with the mossy fibre system. Neuroscience, 1992, 48, 1-27.	1.1	247
45	Monoclonal antibodies reveal molecular differences between terminal fields in the rat dentate gyrus. Neuroscience, 1992, 46, 57-69.	1.1	17
46	The Septo-Hippocampal Pathways and Their Relevance to Human Memory: A Case Report. Cortex, 1992, 28, 411-422.	1.1	61
47	Contrasting patterns in the localization of glutamic acid decarboxylase and Ca2+ /calmodulin protein kinase gene expression in the rat centrat nervous system. Neuroscience, 1992, 46, 825-849.	1.1	222
48	Repeated changes of dendritic morphology in the hippocampus of ground squirrels in the course of hibernation. Neuroscience, 1992, 48, 45-51.	1.1	221
49	Potentiation of spontaneous synaptic activity in rat mossy cells. Neuroscience Letters, 1992, 142, 205-210.	1.0	21
50	Production of seizures and brain damage in rats by α-dendrotoxin, a selective K+ channel blocker. Neuroscience Letters, 1992, 139, 34-40.	1.0	59
51	Mossy fiber long-term potentiation shows specificity but no apparent cooperativity. Neuroscience Letters, 1992, 138, 193-197.	1.0	42
52	Neuroactive amino acids in organotypic slice cultures of the rat hippocampus: An immunocytochemical study of the distribution of GABA, glutamate, glutamine and taurine. Neuroscience, 1992, 46, 807-823.	1.1	41
53	Anatomic Correlates of Interhippocampal Seizure Propagation Time. Epilepsia, 1992, 33, 862-873.	2.6	64
54	Hippocampal mossy fibres: implication in novelty reactions or in anxiety behaviours?. Behavioural Brain Research, 1992, 51, 149-155.	1.2	50

#	Article	IF	CITATIONS
55	Ibotenic acid lesion of the ventral hippocampus differentially affects dopamine and its metabolites in the nucleus accumbens and prefrontal cortex in the rat. Brain Research, 1992, 585, 1-6.	1.1	208
56	The extrinsic modulation of hippocampal theta depends on the coactivation of cholinergic and GABA-ergic medial septal inputs. Neuroscience and Biobehavioral Reviews, 1992, 16, 289-308.	2.9	169
57	The spread of Na+ spikes determines the pattern of dendritic Ca2+ entry into hippocampal neurons. Nature, 1992, 357, 244-246.	13.7	397
58	Rat Hippocampal Lactate Efflux During Electroconvulsive Shock or Stress Is Differently Dependent on Entorhinal Cortex and Adrenal Integrity. Journal of Neurochemistry, 1992, 58, 826-830.	2.1	34
59	Production of Limbic Motor Seizures and Brain Damage by Systemic and Intracerebral Injections of Paraquat in Rats. Basic and Clinical Pharmacology and Toxicology, 1992, 71, 443-448.	0.0	38
60	Effects of chronic alcohol consumption and withdrawal on the somatostatin-immunoreactive neurons of the rat hippocampal dentate hilus. Hippocampus, 1992, 2, 65-71.	0.9	24
61	Tracing of axonal connections by rhodamine-dextran-amine in the rat hippocampal-entorhinal cortex slice preparation. Hippocampus, 1992, 2, 99-106.	0.9	40
62	Navigation by fragment fitting: A theory of hippocampal function. Hippocampus, 1992, 2, 165-187.	0.9	113
63	Autoradiographic localization of proline uptake in excitatory hippocampal pathways. Hippocampus, 1992, 2, 269-278.	0.9	32
64	Neuronal activity in the hippocampus during delayed non-match to sample performance in rats: Evidence for hippocampal processing in recognition memory. Hippocampus, 1992, 2, 323-334.	0.9	218
65	Mossy cell axonal projections to the dentate gyrus molecular layer in the rat hippocampal slice. Hippocampus, 1992, 2, 349-362.	0.9	155
66	Amygdala kindling-induced seizures selectively impair spatial memory. 1. Behavioral characteristics and effects on hippocampal neuronal protein kinase C isoforms. Hippocampus, 1992, 2, 397-409.	0.9	51
67	Age-related loss of axospinous synapses formed by two afferent systems in the rat dentate gyrus as revealed by the unbiased stereological dissector technique. Hippocampus, 1992, 2, 437-444.	0.9	219
68	Structural synaptic plasticity associated with the induction of long-term potentiation is preserved in the dentate gyrus of aged rats. Hippocampus, 1992, 2, 445-456.	0.9	69
69	Selective vulnerability of the hippocampal pyramidal neurons to hypothyroidism in male and female rats. Journal of Comparative Neurology, 1992, 322, 501-518.	0.9	122
70	Spiny neurons of area CA3c in rat hippocampal slices have similar electrophysiological characteristics and synaptic responses despite morphological variation. Hippocampus, 1993, 3, 9-28.	0.9	43
71	On the sites of presynaptic inhibition by neuropeptide y in rat hippocampusin vitro. Hippocampus, 1993, 3, 103-111.	0.9	127
72	Hippocampal circuitry complicates analysis of long-term potentiation in mossy fiber synapses. Hippocampus, 1993, 3, 115-121.	0.9	82

<i>т</i> .		IF	CITATIONS
# 73	ARTICLE Cumulative long-term potentiation in the rat dentate gyrus correlates with, but does not modify,	ır 0.9	CITATIONS
75	performance in the water maze. Hippocampus, 1993, 3, 133-140.	0.9	121
74	Learning and memory after adrenalectomy-induced hippocampal dentate granule cell degeneration in the rat. Hippocampus, 1993, 3, 359-371.	0.9	45
75	Structural synaptic correlate of long-term potentiation: Formation of axospinous synapses with multiple, completely partitioned transmission zones. Hippocampus, 1993, 3, 435-445.	0.9	206
76	Projection of the entorhinal layer II neurons in the rat as revealed by intracellular pressure-injection of neurobiotin. Hippocampus, 1993, 3, 471-480.	0.9	191
77	Characterization of microglial reaction after middle cerebral artery occlusion in rat brain. Journal of Comparative Neurology, 1993, 327, 123-132.	0.9	266
78	Distribution of parvalbumin-immunoreactive cells and fibers in the monkey temporal lobe: The hippocampal formation. Journal of Comparative Neurology, 1993, 331, 37-74.	0.9	74
79	Distribution of acetylcholinesterase in the hippocampal region of the mouse. III. The area dentata. Journal of Comparative Neurology, 1993, 331, 225-235.	0.9	11
80	Chandelier cells in the hippocampal formation of the rat: The entorhinal area and subicular complex. Journal of Comparative Neurology, 1993, 337, 151-167.	0.9	32
81	Neurodynamic system theory: Scope and limits. Theoretical Medicine and Bioethics, 1993, 14, 137-152.	0.4	13
82	Time Course of Hippocampal Glucose Utilization and Persistence of Parvalbumin Immunoreactive Neurons after Ibotenic Acid—Induced Lesions of the Rat Dentate Area. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 998-1005.	2.4	6
83	Complete Axon Arborization of a Single CA3 Pyramidal Cell in the Rat Hippocampus, and its Relationship With Postsynaptic Parvalbumin-containing Interneurons. European Journal of Neuroscience, 1993, 5, 1719-1728.	1.2	121
84	A High Degree of Spatial Selectivity in the Axonal and Dendritic Domains of Physiologically Identified Local-circuit Neurons in the Dentate Gyms of the Rat Hippocampus. European Journal of Neuroscience, 1993, 5, 395-410.	1.2	396
85	Mild Experimental Brain Injury in the Rat Induces Cognitive Deficits Associated with Regional Neuronal Loss in the Hippocampus. Journal of Neurotrauma, 1993, 10, 405-414.	1.7	327
86	An in vitro study of focal epileptogenesis in combined hippocampal-parahippocampal slices. Epilepsy Research, 1993, 14, 183-193.	0.8	59
87	On the role of the hippocampus in learning and memory in the rat. Behavioral and Neural Biology, 1993, 60, 9-26.	2.3	1,019
88	Distribution of thyrotropin-releasing hormone binding sites: autoradiographic study in infant and adult human hippocampal formation. Brain Research, 1993, 605, 139-146.	1.1	16
89	Hippocampal EEG excitability and chronic spontaneous seizures are associated with aberrant synaptic reorganization in the rat intrahippocampal kainate model. Electroencephalography and Clinical Neurophysiology, 1993, 87, 326-339.	0.3	146
90	Functional connectivity from ca3 to the ipsilateral and contralateral ca1 in the rat dorsal hippocampus. Neuroscience, 1993, 56, 101-108.	1.1	38

#	Article	IF	CITATIONS
91	Neural networks in the brain involved in memory and recall. , 0, , .		0
92	Neuronal cell types in entorhinal cortex and hippocampal formation of man and other mammalia: An interspecies comparison. Hippocampus, 1993, 3, 3-10.	0.9	17
93	Regionally specific loss of neurons in the aging human hippocampus. Neurobiology of Aging, 1993, 14, 287-293.	1.5	572
94	Demonstration of glutamate/aspartate uptake activity in nerve endings by use of antibodies recognizing exogenous d-aspartate. Neuroscience, 1993, 57, 97-111.	1.1	132
95	Emerging principles of intrinsic hippocampal organization. Current Opinion in Neurobiology, 1993, 3, 225-229.	2.0	192
96	The behavior of mossy cells of the rat dentate gyrus during theta oscillationsin vivo. Neuroscience, 1993, 57, 555-564.	1.1	77
97	Imaging of hippocampal and neocortical neural activity following intravenous cocaine administration in freely behaving cats. Neuroscience, 1993, 54, 633-641.	1.1	12
98	Extrinsic and intrinsic properties underlying oscillation and synchrony in limbic cortex. Progress in Neurobiology, 1993, 41, 157-208.	2.8	328
99	Activation of dentate hilar neurons by stimulation of the fimbria in rat hippocampal slices. Neuroscience Letters, 1993, 156, 61-66.	1.0	15
100	Demonstration of presynaptic protein kinase C activation following long-term potentiation in rat hippocampal slices. Neuroscience, 1993, 52, 563-574.	1.1	76
101	Thinking about brain cell assemblies. Science, 1993, 261, 993-994.	6.0	112
102	Comparative anatomy of the entorhinal cortex and hippocampus in mammals. Hippocampus, 1993, 3, 19-26.	0.9	125
103	Organization of the entorhinal—hippocampal system: A review of current anatomical data. Hippocampus, 1993, 3, 33-44.	0.9	472
104	Molecular characterization and in situ mRNA localization of the neural recognition molecule J1-160/180: a modular structure similar to tenascin Journal of Cell Biology, 1993, 120, 1237-1249.	2.3	173
105	Critical role of the parahippocampal region for paired-associate learning in rats Behavioral Neuroscience, 1993, 107, 740-747.	0.6	176
106	A simple network model simulates hippocampal place fields: II. Computing goal-directed trajectories and memory fields Behavioral Neuroscience, 1993, 107, 434-443.	0.6	29
107	Simulating Hebb cell assemblies: the necessity for partitioned dendritic trees and a post-not-pre LTD rule. Network: Computation in Neural Systems, 1993, 4, 135-153.	2.2	128
108	Laminar and regionâ€specific cell surface markers in the entorhinal cortex and hippocampus. Hippocampus, 1993, 3, 183-189.	0.9	232

#	Article	IF	CITATIONS
109	Asynchrony of mossy fibre inputs and excitatory postsynaptic currents in rat hippocampus Journal of Physiology, 1993, 472, 157-176.	1.3	20
110	Transneuronal changes in the lesioned entorhinal—hippocampal system. Hippocampus, 1993, 3, 247-256.	0.9	18
111	Occurrence and three-dimensional structure of multiple synapses between individual radiatum axons and their target pyramidal cells in hippocampal area CA1. Journal of Neuroscience, 1993, 13, 3736-3748.	1.7	229
112	A comparison of rat hippocampal mossy cells and CA3c pyramidal cells. Journal of Neurophysiology, 1993, 70, 1281-1299.	0.9	91
113	Localized excitatory synaptic interactions mediate the sustained depolarization of electrographic seizures in developing hippocampus. Journal of Neuroscience, 1993, 13, 4680-4689.	1.7	67
114	The hippocampus: Relational processor or antiprocessor?. Behavioral and Brain Sciences, 1994, 17, 487-488.	0.4	28
115	What do animal models of memory model?. Behavioral and Brain Sciences, 1994, 17, 498-499.	0.4	16
116	From Heisenberg's cat to Eichenbaum's rat: Uncertainty in predicting the neural requirements for animal behavior. Behavioral and Brain Sciences, 1994, 17, 493-494.	0.4	0
117	Hippocampus, space, and relations. Behavioral and Brain Sciences, 1994, 17, 490-491.	0.4	15
118	Hippocampal neuronal activity in rat and primate: Memory and movement. Behavioral and Brain Sciences, 1994, 17, 499-500.	0.4	6
119	Neocortical memory traces. Behavioral and Brain Sciences, 1994, 17, 488-489.	0.4	2
120	Does it still make sense to develop a declarative memory theory of hippocampal function?. Behavioral and Brain Sciences, 1994, 17, 492-493.	0.4	9
121	Hippocampal modulation of recognition, conditioning, timing, and space: Why so many functions?. Behavioral and Brain Sciences, 1994, 17, 479-480.	0.4	2
122	Recording the recognition due to the parahippocampal region places hippocampal relational encoding in context. Behavioral and Brain Sciences, 1994, 17, 474-476.	0.4	0
123	In search of the engrammer. Behavioral and Brain Sciences, 1994, 17, 476-476.	0.4	1
124	A call for greater concern regarding the underlying anatomy. Behavioral and Brain Sciences, 1994, 17, 483-484.	0.4	1
125	What can neuroanatomy tell us about the functional components of the hippocampal memory system?. Behavioral and Brain Sciences, 1994, 17, 496-498.	0.4	9
126	A computational perspective on dissociating hippocampal and entorhinal function. Behavioral and Brain Sciences, 1994, 17, 476-477.	0.4	9

#	Article	IF	CITATIONS
127	Relational but not spatial memory: The task at hand. Behavioral and Brain Sciences, 1994, 17, 489-490.	0.4	1
128	The hippocampal system, time, and memory representations. Behavioral and Brain Sciences, 1994, 17, 474-474.	0.4	0
129	Laminar selectivity of the cholinergic suppression of synaptic transmission in rat hippocampal region CA1: computational modeling and brain slice physiology. Journal of Neuroscience, 1994, 14, 3898-3914.	1.7	452
130	Multifocal spontaneous epileptic activity induced by restricted bicuculline ejection in the piriform cortex of the isolated guinea pig brain. Journal of Neurophysiology, 1994, 71, 2463-2476.	0.9	67
131	Comparison of spatial firing characteristics of units in dorsal and ventral hippocampus of the rat. Journal of Neuroscience, 1994, 14, 7347-7356.	1.7	657
132	What exactly do amnesics fail to store normally?. Behavioral and Brain Sciences, 1994, 17, 486-487.	0.4	Ο
133	How long do relational representations in the hippocampus last during classical eyelid conditioning?. Behavioral and Brain Sciences, 1994, 17, 484-485.	0.4	28
134	Is Eichenbaum et al.'s proposal testable and how extensive is the hippocampal memory system?. Behavioral and Brain Sciences, 1994, 17, 472-473.	0.4	11
135	Hippocampal representations of DMS/DNMS in the rat. Behavioral and Brain Sciences, 1994, 17, 480-482.	0.4	9
136	Going from task descriptions to memory structures. Behavioral and Brain Sciences, 1994, 17, 483-483.	0.4	48
137	Paired-pulse facilitation in the dentate gyrus: a patch-clamp study in rat hippocampus in vitro. Journal of Neurophysiology, 1994, 72, 326-336.	0.9	82
138	Patch-clamp recordings reveal powerful GABAergic inhibition in dentate hilar neurons. Journal of Neuroscience, 1994, 14, 2365-2376.	1.7	95
139	EPSPs of dentate gyrus granule cells during epileptiform bursts of dentate hilar "mossy" cells and area CA3 pyramidal cells in disinhibited rat hippocampal slices. Journal of Neuroscience, 1994, 14, 6041-6057.	1.7	88
140	Functional components of the hippocampal memory system: Implications for future learning and memory research in nonhuman primates. Behavioral and Brain Sciences, 1994, 17, 491-492.	0.4	Ο
141	Remembering spatial cognition as a hippocampal functional component. Behavioral and Brain Sciences, 1994, 17, 473-474.	0.4	6
142	Psychoarithmetic or pick your own?. Behavioral and Brain Sciences, 1994, 17, 478-479.	0.4	4
143	Mossy fiber growth and synaptogenesis in rat hippocampal slices in vitro. Journal of Neuroscience, 1994, 14, 1060-1078.	1.7	101
144	Hippocampal reflected optical patterns during sleep and waking states in the freely behaving cat. Journal of Neuroscience, 1994, 14, 2933-2942.	1.7	29

#	Article	IF	Citations
145	The hippocampal memory system and its functional comments: Further explication and clarification. Behavioral and Brain Sciences, 1994, 17, 500-517.	0.4	0
146	Inhibitory CA1-CA3-hilar region feedback in the hippocampus. Science, 1994, 265, 1722-1724.	6.0	184
147	Temporal Coding in the Brain. Research and Perspectives in Neurosciences, 1994, , .	0.4	36
148	Two functional components of the hippocampal memory system. Behavioral and Brain Sciences, 1994, 17, 449-472.	0.4	1,135
149	Neural networks in the brain involved in memory and recall. Progress in Brain Research, 1994, 102, 335-341.	0.9	60
150	Multiple anterograde tracing, combining Phaseolus vulgaris leucoagglutinin with rhodamine- and biotin-conjugated dextran amine. Journal of Neuroscience Methods, 1994, 51, 9-21.	1.3	71
151	A biologically based model of functional properties of the hippocampus. Neural Networks, 1994, 7, 1031-1064.	3.3	45
152	A model of hippocampal function. Neural Networks, 1994, 7, 1065-1081.	3.3	355
153	The hippocampal CA3 network: An in vivo intracellular labeling study. Journal of Comparative Neurology, 1994, 339, 181-208.	0.9	627
154	Associational and commissural afferents of parvalbuminâ€immunoreactive neurons in the rat hippocampus: A combined immunocytochemical and PHAâ€L study. Journal of Comparative Neurology, 1994, 350, 612-622.	0.9	35
155	Electrophysiological characterization of CA2 pyramidal cells from epileptic humans. Hippocampus, 1994, 4, 226-237.	0.9	46
156	Seizure circuits in the hippocampus and associated structures. Hippocampus, 1994, 4, 286-290.	0.9	42
157	Computational analysis of the role of the hippocampus in memory. Hippocampus, 1994, 4, 374-391.	0.9	1,097
158	Hippocampal mossy cell function: A speculative view. Hippocampus, 1994, 4, 393-402.	0.9	123
159	Non-lamellar propagation of entorhinal influences in the hippocampal formation: Multiple electrode recordings in the isolated guinea pig brain in vitro. Hippocampus, 1994, 4, 403-409.	0.9	20
160	Ipsilateral associational pathway in the dentate gyrus: An excitatory feedback system that supportsN-methyl-D-aspartate—dependent long-term potentiation. Hippocampus, 1994, 4, 422-438.	0.9	47
161	The functional organization of the hippocampal dentate gyrus and its relevance to the pathogenesis of temporal lobe epilepsy. Annals of Neurology, 1994, 35, 640-654.	2.8	427
162	Runaway synaptic modification in models of cortex: Implications for Alzheimer's disease. Neural Networks, 1994, 7, 13-40.	3.3	97

#	Article	IF	CITATIONS
163	Role of inhibition in memory retrieval by hippocampal area CA3. Neuroscience and Biobehavioral Reviews, 1994, 18, 55-68.	2.9	10
164	Tetanus toxin as a neurobiological tool to study mechanisms of neuronal cell death in the mammalian brain. , 1994, 62, 29-39.		14
165	Hormonal Restructuring of the Adult Brain: Basic and Clinical Perspectives Annals of the New York Academy of Sciences, 1994, 743, vii-xi.	1.8	9
166	Parallel augmentation of hippocampal long-term potentiation, theta rhythm, and contextual fear conditioning in water-deprived rats Behavioral Neuroscience, 1994, 108, 44-56.	0.6	97
167	Dentate gyrus and olfactory bulb responses to olfactory and noxious stimulation in urethane anaesthetized rats. Brain Research, 1994, 652, 235-242.	1.1	30
168	Hippocampal damage produced in rats by α-dendrotoxin—a selective K+ channel blocker—involves non-NMDA receptor activation. Neurochemistry International, 1994, 24, 81-90.	1.9	17
169	Cloning and localization of a conventional kinesin motor expressed exclusively in neurons. Neuron, 1994, 12, 1059-1072.	3.8	153
170	Topographical organization of subicular neurons projecting to subcortical regions. Brain Research Bulletin, 1994, 35, 221-231.	1.4	36
171	A step linking memory to understanding?. Behavioral and Brain Sciences, 1994, 17, 477-478.	0.4	1
172	Hippocampus and memory for time. Behavioral and Brain Sciences, 1994, 17, 485-486.	0.4	5
173	What are the best strategies for understanding hippocampal function?. Behavioral and Brain Sciences, 1994, 17, 494-495.	0.4	0
174	Functional distinctions within the medical temporal lobe memory system: What is the evidence?. Behavioral and Brain Sciences, 1994, 17, 495-496.	0.4	20
175	The localization of general memory functions. Behavioral and Brain Sciences, 1994, 17, 482-482.	0.4	1
176	On the nature and differential distribution of mRNAs in hippocampal neurites: implications for neuronal functioning Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10800-10804.	3.3	246
177	Spatial learning with a minislab in the dorsal hippocampus Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9697-9701.	3.3	766
178	Increase in GAP-43 and GFAP immunoreactivity int the rat hippocampus subsequent to perforant path kindling. Journal of Neuroscience Research, 1995, 41, 613-619.	1.3	28
179	Possible strategies for finding the substrate for learning-induced changes in the hippocampal cortex. Journal of Neurobiology, 1995, 26, 396-402.	3.7	19
180	Correlation of anoxic neuronal responses and calbindin-D28k localization in stratum pyramidale of rat hippocampus. Hippocampus, 1995, 5, 25-39.	0.9	19

#	Article	IF	CITATIONS
181	Intracellular correlates of hippocampal theta rhythm in identified pyramidal cells, granule cells, and basket cells. Hippocampus, 1995, 5, 78-90.	0.9	362
182	Monosynaptic excitation of hippocampal CA1 pyramidal cells by afferents from the entorhinal cortex. Hippocampus, 1995, 5, 108-114.	0.9	36
183	Brief history of cortico-hippocampal time with a special reference to the direct entorhinal input to CA1. Hippocampus, 1995, 5, 120-124.	0.9	25
184	Possible physiological role of the perforant path-CA1 projection. Hippocampus, 1995, 5, 141-146.	0.9	40
185	Connection matrix of the hippocampal formation: I. The dentate gyrus. Hippocampus, 1995, 5, 245-286.	0.9	119
186	Alterations in the immunoreactivity for muscarinic acetylcholine receptors and colocalized PKCÎ ³ in mouse hippocampus induced by spatial discrimination learning. Hippocampus, 1995, 5, 349-362.	0.9	54
187	Configural association theory and the hippocampal formation: An appraisal and reconfiguration. Hippocampus, 1995, 5, 375-389.	0.9	350
188	Selective damage to the hippocampal region blocks long-term retention of a natural and nonspatial stimulus-stimulus association. Hippocampus, 1995, 5, 546-556.	0.9	248
189	Electrophysiological effects of mu-selective opioids on hilar neurons in the hippocampus in vivo. Hippocampus, 1995, 5, 557-568.	0.9	2
190	Phaseolus vulgaris -leucoagglutinin tracing of commissural fibers to the rat dentate gyrus: Evidence for a previously unknown commissural projection to the outer molecular layer. Journal of Comparative Neurology, 1995, 352, 55-68.	0.9	72
191	Hippocampal mossy fiber sprouting and synapse formation after status epilepticus in rats: Visualization after retrograde transport of biocytin. Journal of Comparative Neurology, 1995, 352, 515-534.	0.9	321
192	Postnatal development and synaptic connections of hilar mossy cells in the hippocampal dentate gyrus of rhesus monkeys. Journal of Comparative Neurology, 1995, 355, 93-110.	0.9	54
193	Morphometric and electrical properties of reconstructed hippocampal CA3 neurons recorded in vivo. Journal of Comparative Neurology, 1995, 356, 580-594.	0.9	73
194	Intrinsic connections of the rat amygdaloid complex: Projections originating in the basal nucleus. Journal of Comparative Neurology, 1995, 361, 345-368.	0.9	212
195	GABAergic basket-pyramidal and basket-granular systems of the hippocampal formation in the cat. Bulletin of Experimental Biology and Medicine, 1995, 119, 621-623.	0.3	0
196	Quantitative estimate of the information relayed by the Schaffer collaterals. Journal of Computational Neuroscience, 1995, 2, 259-272.	0.6	68
197	Evidence of reorganization in the hippocampal mossy fiber synapses of adult rats rehabilitated after prolonged undernutrition. Experimental Brain Research, 1995, 104, 249-61.	0.7	21
198	The Entorhinal Cortex Entrains Fast CA1 Hippocampal Oscillations in the Anaesthetized Guinea-pig: Role of the Monosynaptic Component of the Perforant Path. European Journal of Neuroscience, 1995, 7, 1548-1557.	1.2	79

ARTICLE IF CITATIONS Longitudinal variation in cell density and mossy fiber reorganization in the dentate gyrus from 199 1.1 41 temporal lobe epileptic patients. Brain Research, 1995, 678, 65-75. Local projections of GABAergic neurons in the dentate gyrus and CA1 region in the rat hippocampal formation. Brain Research, 1995, 702, 287-292. 1.1 Amygdalo-entorhinal relations and their reflection in the hippocampal formation: generation of 201 1.7 59 sharp sleep potentials. Journal of Neuroscience, 1995, 15, 2482-2503. Lesions of the fornix but not the entorhinal or perirhinal cortex interfere with contextual fear conditioning. Journal of Neuroscience, 1995, 15, 5308-5315. Dentate EEG spikes and associated interneuronal population bursts in the hippocampal hilar region of 203 0.9 204 the rat. Journal of Neurophysiology, 1995, 73, 1691-1705. Glucocorticoids, the hippocampus, and behavioral inhibition in the preweanling rat. Journal of Neuroscience, 1995, 15, 6023-6034. 204 1.7 Changes in c-fos mRNA expression in rat brain during odor discrimination learning: differential 205 1.7 109 involvement of hippocampal subfields CA1 and CA3. Journal of Neuroscience, 1995, 15, 4786-4795. Lateral inhibition and granule cell synchrony in the rat hippocampal dentate gyrus. Journal of 206 1.7 Neuroscience, 1995, 15, 811-820. Hippocampal CA1 interneurons: an in vivo intracellular labeling study. Journal of Neuroscience, 1995, 207 606 1.7 15, 6651-6665. Sharp wave-associated high-frequency oscillation (200 Hz) in the intact hippocampus: network and 208 1.7 intracellular mechanisms. Journal of Neuroscience, 1995, 15, 30-46. Regional patterns of c-fos mRNA expression in rat hippocampus following exploration of a novel 209 environment versus performance of a well-learned discrimination. Journal of Neuroscience, 1995, 15, 103 1.7 7796-7809. Decreased expression of the embryonic form of the neural cell adhesion molecule in schizophrenic brains.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 3.3 331 2785-2789. What does the hippocampus really do?. Behavioural Brain Research, 1995, 71, 1-10. 211 1.2 254 Spatially selective firing properties of hippocampal formation neurons in rodents and primates. Progress in Neurobiology, 1995, 45, 253-274. 2.8 166 Sexual dimorphism in the mammalian limbic system. Progress in Neurobiology, 1995, 45, 275-333. 213 180 2.8 A genetic test of the effects of mutations in PKA on mossy fiber ltp and its relation to spatial and 214 285 contextual learning. Cell, 1995, 83, 1211-1222. Transient upregulation of NCAM mRNA in astrocytes in response to entorhinal cortex lesions and 215 2.550 ischemia. Molecular Brain Research, 1995, 28, 149-156. High-resolution immunogold localization of AMPA type glutamate receptor subunits at synaptic and 1.1 284 non-synaptic sites in rat hippocampus. Neuroscience, 1995, 69, 1031-1055.

#	Article	IF	CITATIONS
217	Delayed cell death in the contralateral hippocampus following kainate injection into the CA3 subfield. Neuroscience, 1995, 66, 847-860.	1.1	102
218	Distribution of preproenkephalin messenger RNA in the basal ganglia and limbic-associated regions of the monkey telencephalon. Neuroscience, 1995, 65, 417-429.	1.1	12
219	Induction of heat-shock protein-70 messenger RNA and protein following systemic kainate injection in the rat: Evidence of protein axonal transport. Neuroscience, 1995, 69, 1111-1118.	1.1	11
220	Subdivision-specific expression of Zif268 in the hippocampal formation of the macaque monkey. Neuroscience, 1995, 66, 829-845.	1.1	16
221	Piracetam promotes mossy fiber synaptic reorganization in rats withdrawn from alcohol. Alcohol, 1996, 13, 239-249.	0.8	21
222	Sensory gating in a computer model of the CA3 neural network of the hippocampus. Biological Psychiatry, 1996, 40, 1230-1245.	0.7	33
223	Optical recording of rat entorhino-hippocampal system in organotypic culture. Neuroscience Letters, 1996, 216, 211-213.	1.0	16
224	Spread of low Mg2+ induced epileptiform activity from the rat entorhinal cortex to the hippocampus after kindling studied in vitro. Neuroscience Letters, 1996, 216, 41-44.	1.0	37
225	N-methyl-d-aspartate and nonn-methyl-d-aspartate receptors mediate seizures and CA1 hippocampal damage induced by dendrotoxin-K in rats. Neuroscience, 1996, 71, 613-624.	1.1	23
226	Conditions required for polysynaptic excitation of dentate granule cells by area CA3 pyramidal cells in rat hippocampal slices. Neuroscience, 1996, 72, 655-668.	1.1	31
227	Heterogeneity of the commissural projection to the rat dentate gyrus: a Phaseolus vulgaris leucoagglutinin tracing study. Neuroscience, 1996, 75, 111-121.	1.1	25
228	Expression of the neural adhesion molecule L1 in the deafferented dentate gyrus. Neuroscience, 1996, 75, 703-715.	1.1	38
229	Interareal synchronization in the visual cortex. Behavioural Brain Research, 1996, 76, 37-49.	1.2	93
230	Localization of urokinase-type plasminogen activator mRNA in the adult mouse brain. Molecular Brain Research, 1996, 35, 139-148.	2.5	51
231	Spatial, behavioral and sensory correlates of hippocampal CA1 complex spike cell activity: Implications for information processing functions. Progress in Neurobiology, 1996, 49, 335-361.	2.8	109
232	Context codes and the effect of noisy learning on a simplified hippocampal CA3 model. Biological Cybernetics, 1996, 74, 159-165.	0.6	58
233	The Essential Role of Hippocampal CA1 NMDA Receptor–Dependent Synaptic Plasticity in Spatial Memory. Cell, 1996, 87, 1327-1338.	13.5	1,604
234	Impaired Hippocampal Representation of Space in CA1-Specific NMDAR1 Knockout Mice. Cell, 1996, 87, 1339-1349.	13.5	561

#	Article	IF	CITATIONS
235	The brain as a hermeneutic device. BioSystems, 1996, 38, 179-189.	0.9	49
236	Effects of chronic lithium and electroconvulsive stimuli on cholecystokinin mRNA expression in the rat brain. Molecular Brain Research, 1996, 43, 347-350.	2.5	6
237	Excitatory effects induced by carbachol on bursting neurons of the rat subiculum. Neuroscience Letters, 1996, 219, 1-4.	1.0	14
238	A Novel Entorhinal Projection to the Rat Dentate Gyrus: Direct Innervation of Proximal Dendrites and Cell Bodies of Granule Cells and GABAergic Neurons. Journal of Neuroscience, 1996, 16, 3322-3333.	1.7	90
239	NMDA-dependent modulation of CA1 local circuit inhibition. Journal of Neuroscience, 1996, 16, 2034-2043.	1.7	449
240	Electrographic Seizures and New Recurrent Excitatory Circuits in the Dentate Gyrus of Hippocampal Slices from Kainate-Treated Epileptic Rats. Journal of Neuroscience, 1996, 16, 4438-4448.	1.7	332
241	Hippocampal ensemble activity during spatial delayed-nonmatch-to-sample performance in rats. Journal of Neuroscience, 1996, 16, 354-372.	1.7	230
242	Synaptic Transmission in Hippocampal Slice. Methods in Neurosciences, 1996, , 300-308.	0.5	1
243	The hippocampal formation participates in novel picture encoding: evidence from functional magnetic resonance imaging Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8660-8665.	3.3	596
244	Entorhinal axons perforate hippocampal field CA3 in organotypic slice culture. Developmental Brain Research, 1996, 95, 144-147.	2.1	7
245	Is the lack of protein F1/GAP-43 rnRNA in granule cells target-dependent?. Brain Research, 1996, 706, 217-226.	1.1	5
246	Time scale and extent of neuronal and synaptic loss in the hippocampal formation of malnourished adult rats. Brain Research, 1996, 718, 1-12.	1.1	13
247	Effects of serotonin on different patterns of low Mg2+-induced epileptiform activity in the subiculum of rats studied in vitro. Brain Research, 1996, 737, 331-334.	1.1	7
248	Pattern of brain destruction in Parkinson's and Alzheimer's diseases. Journal of Neural Transmission, 1996, 103, 455-490.	1.4	309
249	Pattern of memory impairment in two patients with septohippocampal disconnection. European Journal of Neurology, 1996, 3, 377-384.	1.7	1
250	Delayed, selective neuronal death following experimental cortical impact injury in rats: possible role in memory deficits. Brain Research, 1996, 739, 111-119.	1.1	185
251	Projections from the nucleus reuniens thalami to the entorhinal cortex, hippocampal field CA1, and the subiculum in the rat arise from different populations of neurons. Journal of Comparative Neurology, 1996, 364, 637-650.	0.9	152
252	Sprouting of crossed entorhinodentate fibers after a unilateral entorhinal lesion: Anterograde tracing of fiber reorganization withPhaseolus vulgaris-leucoagglutinin (PHAL). , 1996, 365, 42-55.		51

		CITATION R	EPORT	
#	Article		IF	CITATIONS
253	Axon arbors and synaptic connections of hippocampal mossy cells in the rat in vivo. , 1	996, 366, 270-292.		206
254	Regional and laminar differences in synaptic localization of NMDA receptor subunit NR variants in rat visual cortex and hippocampus. , 1996, 368, 335-355.	1 splice		58
255	Dendritic morphology and its effects on the amplitude and rise-time of synaptic signals CA3 pyramidal cells. , 1996, 369, 331-334.	in hippocampal		74
256	Hippocampal place fields: Relationship between degree of field overlap and cross-corre ensembles of hippocampal neurons. , 1996, 6, 281-293.	ations within		34
257	A theory of hippocampal function in memory. , 1996, 6, 601-620.			407
258	Brain injury-induced enhanced limbic epileptogenesis: anatomical and physiological par animal model of temporal lobe epilepsy. Epilepsy Research, 1996, 26, 81-91.	allels to an	0.8	92
259	The dendritic trees of neurons from the hippocampal formation of protein-deprived adu quantitative Golgi study. Experimental Brain Research, 1996, 109, 419-33.	ılt rats. A	0.7	42
260	The Hippocampo-Neocortical Dialogue. Cerebral Cortex, 1996, 6, 81-92.		1.6	966
261	A Concussive-Like Brain Injury Model in Mice (I): Impairment in Learning and Memory. J Neurotrauma, 1997, 14, 851-862.	ournal of	1.7	71
262	Neuronal Cell Loss in the CA3 Subfield of the Hippocampus Following Cortical Contusion the Optical Disector Method for Cell Counting. Journal of Neurotrauma, 1997, 14, 385	on Utilizing -398.	1.7	134
263	Selection Networks: Simulation of Plasticity through Reinforcement Learning. Advance Psychology, 1997, , 336-357.	s in	0.1	10
264	GENE TARGETING AND THE BIOLOGY OF LEARNING AND MEMORY. Annual Review of C 527-546.	ienetics, 1997, 31,	3.2	56
265	MOLECULAR GENETIC ANALYSIS OF SYNAPTIC PLASTICITY, ACTIVITY-DEPENDENT NEU LEARNING, AND MEMORY IN THE MAMMALIAN BRAIN. Annual Review of Neuroscience		5.0	273
266	Context-sensitive synaptic plasticity and temporal-to-spatial transformations in hippoc Proceedings of the National Academy of Sciences of the United States of America, 199	ampal slices. 7, 94, 10403-10408.	3.3	40
267	Synapseâ€selective impairment of NMDA receptor functions in mice lacking NMDA rec epsilon 2 subunit Journal of Physiology, 1997, 500, 401-408.	eptor epsilon 1 or	1.3	63
268	A Neural-Network Approach to Adaptive Similarity and Stimulus Representations in Cortico-Hippocampal Function. Advances in Psychology, 1997, 121, 220-241.		0.1	0
270	A Concussive-Like Brain Injury Model in Mice (II): Selective Neuronal Loss in the Cortex Hippocampus. Journal of Neurotrauma, 1997, 14, 863-873.	and	1.7	57
271	DECLARATIVE MEMORY: Insights from Cognitive Neurobiology. Annual Review of Psych 547-572.	iology, 1997, 48,	9.9	361

#	Article	IF	CITATIONS
272	Life and Death of Neurons in the Aging Brain. Science, 1997, 278, 412-419.	6.0	1,226
273	Fetal Hippocampal Cells Grafted to Kainate-Lesioned CA3 Region of Adult Hippocampus Suppress Aberrant Supragranular Sprouting of Host Mossy Fibers. Experimental Neurology, 1997, 143, 231-245.	2.0	58
274	Seizures and Hippocampal Damage Produced by Dendrotoxin-K in Rats Is Prevented by the 21-Aminosteroid U-74389G. Experimental Neurology, 1997, 147, 204-210.	2.0	13
275	Effects of Postoperative Housing Conditions on Functional Recovery in Rats with Lesions of the Hippocampus, Subiculum, or Entorhinal Cortex. Neurobiology of Learning and Memory, 1997, 67, 43-56.	1.0	70
276	Electrolytic Lesions of the Fimbria/Fornix, Dorsal Hippocampus, or Entorhinal Cortex Produce Anterograde Deficits in Contextual Fear Conditioning in Rats. Neurobiology of Learning and Memory, 1997, 67, 142-149.	1.0	296
277	Lesions in the Dentate Hilum and CA2/CA3 Regions of the Rat Hippocampus Produce Cognitive Deficits That Correlate with Site-Specific Glial Activation. Neurobiology of Learning and Memory, 1997, 68, 103-116.	1.0	11
278	Connections of the rat lateral septal complex 1Published on the World Wide Web on 2 June 1997. 1. Brain Research Reviews, 1997, 24, 115-195.	9.1	572
279	Free recall and recognition in a network model of the hippocampus: simulating effects of scopolamine on human memory function. Behavioural Brain Research, 1997, 89, 1-34.	1.2	353
280	BIOLOGICALLY BASED ARTIFICIAL NAVIGATION SYSTEMS: REVIEW AND PROSPECTS. Progress in Neurobiology, 1997, 51, 483-544.	2.8	330
281	Lesion-induced plasticity of central neurons: sprouting of single fibres in the rat hippocampus after unilateral entorhinal cortex lesion. Progress in Neurobiology, 1997, 53, 687-727.	2.8	150
282	Epileptic afterdischarge in the hippocampal–entorhinal system: current source density and unit studies. Neuroscience, 1997, 76, 1187-1203.	1.1	103
283	Projections of the lateral entorhinal cortex to the amygdala: a Phaseolus vulgaris leucoagglutinin study in the rat. Neuroscience, 1997, 77, 445-459.	1.1	118
284	Calcineurin in the adult rat hippocampus: different distribution in CA1 and CA3 subfields. Neuroscience, 1997, 78, 673-684.	1.1	31
285	Intracellular calcium redistribution accompanies changes in total tissue Na+, K+ and water during the first two hours of in vitro incubation of hippocampal slices. Neuroscience, 1997, 79, 1013-1022.	1.1	33
286	Sex hormones enhance the impact of male sensory cues on both primary and association cortical components of visual and olfactory processing pathways as well as in limbic and hypothalamic regions in female sheep. Neuroscience, 1997, 80, 285-297.	1.1	30
287	Optical recording of trisynaptic pathway in rat hippocampal slices with a voltage-sensitive dye. Neuroscience, 1997, 81, 1-8.	1.1	52
288	Discussion. Neuroscience, 1997, 81, 893-926.	1.1	739
289	Distribution of calretinin immunoreactivity in the mouse dentate gyrus: II. Mossy cells, with special reference to their dorsoventral difference in calretinin immunoreactivity. Neuroscience, 1997, 82, 181-200.	1.1	122

#	Article	IF	CITATIONS
290	Electroresponsiveness of medial entorhinal cortex layer III neurons in vitro. Neuroscience, 1997, 81, 937-950.	1.1	77
291	Sex-dependent effects of formalin and restraint on c-Fos expression in the septum and hippocampus of the rat. Neuroscience, 1997, 81, 951-958.	1.1	77
292	Functional Transitions Between Epileptiform-Like Activity and Associative Memory in Hippocampal Region CA3. Brain Research Bulletin, 1997, 43, 485-493.	1.4	30
293	Unilateral Lesion of Dorsal Hippocampus Enhances Reinforcing Lateral Hypothalamic Stimulation in the Contralateral Hemisphere. Brain Research Bulletin, 1997, 44, 265-271.	1.4	14
294	THE GABAERGIC SYSTEM OF THE DENTATE GYRUS AFTER WITHDRAWAL FROM CHRONIC ALCOHOL CONSUMPTION: EFFECTS OF INTRACEREBRAL GRAFTING AND PUTATIVE NEUROPROTECTIVE AGENTS. Alcohol and Alcoholism, 1997, 32, 471-484.	0.9	17
295	Large Amplitude Miniature Excitatory Postsynaptic Currents in Hippocampal CA3 Pyramidal Neurons Are of Mossy Fiber Origin. Journal of Neurophysiology, 1997, 77, 1075-1086.	0.9	52
296	Delayed Signal Propagation via CA2 in Rat Hippocampal Slices Revealed by Optical Recording. Journal of Neurophysiology, 1997, 78, 1662-1668.	0.9	66
297	Light Scattering Changes Follow Evoked Potentials From Hippocampal Schaeffer Collateral Stimulation. Journal of Neurophysiology, 1997, 78, 1707-1713.	0.9	112
298	CA3-Driven Hippocampal-Entorhinal Loop Controls Rather than Sustains <i>In Vitro</i> Limbic Seizures. Journal of Neuroscience, 1997, 17, 9308-9314.	1.7	294
299	Expression of LIM Protein GenesLmo1, Lmo2,andLmo3in Adult Mouse Hippocampus and Other Forebrain Regions: Differential Regulation by Seizure Activity. Journal of Neuroscience, 1997, 17, 5549-5559.	1.7	51
300	Network Properties of the Dentate Gyrus in Epileptic Rats With Hilar Neuron Loss and Granule Cell Axon Reorganization. Journal of Neurophysiology, 1997, 77, 2685-2696.	0.9	162
301	Termination of Epileptic Afterdischarge in the Hippocampus. Journal of Neuroscience, 1997, 17, 2567-2579.	1.7	130
302	Mossy Cells of the Rat Dentate Gyrus are Immunoreactive for Calcitonin Gene-related Peptide (CGRP). European Journal of Neuroscience, 1997, 9, 1815-1830.	1.2	52
303	Stereotactic Amygdalohippocampotomy and Mesial Temporal Spikes. Epilepsia, 1997, 38, 930-936.	2.6	48
304	Novel glutamate- and GABA-independent synaptic depolarization in granule cells of guinea-pig hippocampus. Journal of Physiology, 1997, 504, 641-648.	1.3	5
305	Antidromic and orthodromic responses by subicular neurons in rat brain slices. Brain Research, 1997, 769, 71-85.	1.1	42
306	Theta-like activity in hippocampal formation slices: the effect of strong disinhibition of GABA A and GABA B receptors. Brain Research, 1997, 775, 91-98.	1.1	34
307	The regional vulnerability to blockade of action potentials in organotypic hippocampal culture. Developmental Brain Research, 1997, 103, 99-102.	2.1	9

ARTICLE IF CITATIONS Structural alterations of the hippocampal formation of adrenalectomized rats: an unbiased 308 1.6 39 stereological study. Journal of Neurocytology, 1997, 26, 423-438. Serum extravasation and cytoskeletal alterations following traumatic brain injury in rats. Molecular 309 1.0 69 and Chemical Neuropathology, 1997, 32, 1-16. Septal innervation of mossy cells in the hilus of the rat dentate gyrus: an anterograde tracing and 310 0.7 18 intracellular labeling study. Experimental Brain Research, 1997, 114, 423-432. Muscarinic acetylcholine receptor immunoreactivity after hippocampal commissural/associational pathway lesions: Evidence for multiple presynaptic receptor subtypes. Journal of Comparative Neurology, 1997, 380, 382-394. Model of spatio-temporal propagation of action potentials in the Schaffer collateral pathway of the 312 12 CA1 area of the rat hippocampus., 1997, 7, 58-72. Piriform cortex efferents to the entorhinal cortex in vivo: kindling-induced potentiation and the enhancement of long-term potentiation by low-frequency piriform cortex or medial septal stimulation. , 1997, 7, 257-270. ?isoform-selective changes in PKC immunoreactivity after trace eyeblink conditioning in the rabbit 314 50 hippocampus., 1997, 7, 271-285. Collateral projections from the rat hippocampal formation to the lateral and medial prefrontal cortex. Hippocampus, 1997, 7, 397-402. Ultrastructural localization of neurotransmitter immunoreactivity in mossy cell axons and their 316 85 synaptic targets in the rat dentate gyrus., 1997, 7, 559-570. CNS adenosine A1 receptors are altered after the administration of convulsant 3-mercaptopropionic 1.6 acid and cyclopentyladenosine: an autoradiographic study. Neurochemical Research, 1998, 23, 175-181. Unitary IPSPs evoked by interneurons at the stratum radiatum-stratum lacunosum-moleculare border 318 173 1.3 in the CA1 area of the rat hippocampusin vitro. Journal of Physiology, 1998, 506, 755-773. Hippocampal Formation Theta Activity and Movement Selection. Neuroscience and Biobehavioral 319 129 Reviews, 1998, 22, 221-231. Memorizing and recalling spatial–temporal patterns in an oscillator model of the hippocampus. 320 0.9 23 BioSystems, 1998, 48, 3-10. Transplanted embryonic entorhinal neurons make functional synapses in adult host hippocampus. Brain Research, 1998, 788, 202-206. 1.1 Effects of corticosterone treatment and rehabilitation on the hippocampal formation of neonatal 322 1.1 124 and adult rats. An unbiased stereological study. Brain Research, 1998, 794, 199-210. The degree of potentiation is associated with synaptic number during the maintenance of long-term potentiation in the rat dentate gyrus. Brain Research, 1998, 798, 211-216. Quantitative analysis of GABAergic neurons in the mouse hippocampus, with optical disector using 324 1.1 104 confocal laser scanning microscope. Brain Research, 1998, 814, 55-70. Computational Experiments Support a Competitive Function in the CA3 Region of the Hippocampus. Bulletin of Mathematical Biology, 1998, 60, 373-407.

#	Article	IF	Citations
326	Anatomical distribution of the chemorepellent semaphorin III/collapsin-1 in the adult rat and human brain: Predominant expression in structures of the olfactory-hippocampal pathway and the motor system. , 1998, 52, 27-42.		113
327	Synaptic and axonal remodeling of mossy fibers in the hilus and supragranular region of the dentate gyrus in kainate-treated rats. , 1998, 390, 578-594.		100
328	Entorhinal cortex of the rat: Topographic organization of the cells of origin of the perforant path projection to the dentate gyrus. Journal of Comparative Neurology, 1998, 398, 25-48.	0.9	318
329	Organization of the intrinsic connections of the monkey amygdaloid complex: Projections originating in the lateral nucleus. , 1998, 398, 431-458.		115
330	Interneurons of the hippocampus. Hippocampus, 1998, 6, 347-470.	0.9	2,892
331	Encoding and retrieval of episodic memories: Role of cholinergic and GABAergic modulation in the hippocampus. , 1998, 6, 693-708.		307
332	Feed-forward and feed-back activation of the dentate gyrus in vivo during dentate spikes and sharp wave bursts. , 1998, 7, 437-450.		128
333	Functional interconnections between CA3 and the dentate gyrus revealed by current source density analysis. Hippocampus, 1998, 8, 217-230.	0.9	28
334	NMDA receptor-independent LTP in basal versus apical dendrites of CA1 pyramidal cells in rat hippocampal slice. , 1998, 8, 373-379.		21
335	Age-related deficits on the radial maze and in fear conditioning: Hippocampal processing and consolidation. Hippocampus, 1998, 8, 402-415.	0.9	111
336	Reconciling Barnes et al. (1997) and Tanila et al. (1997a,b). Hippocampus, 1998, 8, 438-443.	0.9	20
337	Neurochemistry and pharmacology of the major hippocampal transmitter systems: Synaptic and nonsynaptic interactions. Hippocampus, 1998, 8, 566-607.	0.9	322
338	Functional differentiation in the hippocampus. , 1998, 8, 608-619.		1,083
339	Intrinsic oscillations in CA3 hippocampal pyramids: Physiological relevance to theta rhythm generation. , 1998, 8, 666-679.		40
340	The anatomical organization of the rat fascia dentata: new aspects of laminar organization as revealed by anterograde tracing with Phaseolus vulgaris -Leucoagglutinin (PHAL). Anatomy and Embryology, 1998, 197, 89-103.	1.5	36
341	Septotemporal distribution of [3 H]MK-801, [3 H]AMPA and [3 H]Kainate binding sites in the rat hippocampus. Anatomy and Embryology, 1998, 198, 195-204.	1.5	37
342	Stratum radiatum giant cells: a type of principal cell in the rat hippocampus. European Journal of Neuroscience, 1998, 10, 3813-3822.	1.2	60
343	Hippocampal Theta: a Sensory-inhibition Theory of Function. Neuroscience and Biobehavioral Reviews, 1998, 22, 237-241.	2.9	63

#	Article	IF	CITATIONS
344	Morphological features of the entorhinal–hippocampal connection. Progress in Neurobiology, 1998, 55, 537-562.	2.8	90
345	The functions of the preplate in development and evolution of the neocortex and hippocampus. Brain Research Reviews, 1998, 27, 40-64.	9.1	213
346	The hippocampus as an associator of discontiguous events. Trends in Neurosciences, 1998, 21, 317-323.	4.2	470
347	Spatial memory, habituation, and reactions to spatial and nonspatial changes in rats with selective lesions of the hippocampus, the entorhinal cortex or the subiculum. Behavioural Brain Research, 1998, 96, 1-12.	1.2	115
348	Environmental enrichment selectively increases 5-HT1A receptor mRNA expression and binding in the rat hippocampus. Molecular Brain Research, 1998, 53, 285-290.	2.5	111
349	Highest trkB mRNA expression in the entorhinal cortex among hippocampal subregions in the adult rat: contrasting pattern with BDNF mRNA expression. Molecular Brain Research, 1998, 62, 206-215.	2.5	20
350	Beta-frequency (15–35Hz) electroencephalogram activities elicited by toluene and electrical stimulation in the behaving rat. Neuroscience, 1998, 86, 1307-1319.	1.1	61
351	Effects of olfactory bulbectomy on neuropeptide gene expression in the rat olfactory/limbic system. Neuroscience, 1998, 86, 587-596.	1.1	52
352	Systemic Administration of Nω-Nitro-l-Arginine Methyl Ester and Indomethacin Reduces the Elevation of Brain PGE2Content and Prevents Seizures and Hippocampal Damage Evoked by LiCl and Tacrine in Rat. Experimental Neurology, 1998, 149, 349-355.	2.0	46
353	Role of Cannabinoid Receptors in Memory Storage. Neurobiology of Disease, 1998, 5, 474-482.	2.1	117
354	Fimbria–Fornix vs Selective Hippocampal Lesions in Rats: Effects on Locomotor Activity and Spatial Learning and Memory. Neurobiology of Learning and Memory, 1998, 69, 22-45.	1.0	131
355	Mathematical model of the CA1 region of the rat hippocampus. Physics in Medicine and Biology, 1998, 43, 2631-2646.	1.6	6
356	Long-term but not short-term plasticity at mossy fiber synapses is impaired in neural cell adhesion molecule-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13242-13247.	3.3	204
357	Distributed Encoding and Retrieval of Spatial Memory in the Hippocampus. Journal of Neuroscience, 1998, 18, 7535-7542.	1.7	299
358	The projection from hippocampal area CA1 to the subiculum sustains long-term potentiation. NeuroReport, 1998, 9, 847-850.	0.6	46
359	Comparison of ventral subicular and hippocampal neuron spatial firing patterns in complex and simplified environments Behavioral Neuroscience, 1998, 112, 707-713.	0.6	6
361	Spatial Distribution of Potentiated Synapses in Hippocampus: Dependence on Cellular Mechanisms and Network Properties. Journal of Neuroscience, 1998, 18, 438-450.	1.7	69
362	Limbic Gamma Rhythms. I. Phase-Locked Oscillations in Hippocampal CA1 and Subiculum. Journal of Neurophysiology, 1998, 80, 155-161.	0.9	30

CITATION	Report	
	IF	CITATIONS

#	ARTICLE	IF	CHATION
363	Phasic Boosting of Medial Perforant Path-Evoked Granule Cell Output Time-Locked to Spontaneous Dentate EEG Spikes in Awake Rats. Journal of Neurophysiology, 1998, 79, 2825-2832.	0.9	40
364	Specialized Electrophysiological Properties of Anatomically Identified Neurons in the Hilar Region of the Rat Fascia Dentata. Journal of Neurophysiology, 1998, 79, 1518-1534.	0.9	132
365	Total Number and Ratio of Excitatory and Inhibitory Synapses Converging onto Single Interneurons of Different Types in the CA1 Area of the Rat Hippocampus. Journal of Neuroscience, 1999, 19, 10082-10097.	1.7	417
366	Muscarinic Receptor Activation Induces Depolarizing Plateau Potentials in Bursting Neurons of the Rat Subiculum. Journal of Neurophysiology, 1999, 82, 2590-2601.	0.9	43
367	Long-Term Depression of Temporoammonic-CA1 Hippocampal Synaptic Transmission. Journal of Neurophysiology, 1999, 81, 1036-1044.	0.9	48
368	Seizure-Like Events in Disinhibited Ventral Slices of Adult Rat Hippocampus. Journal of Neurophysiology, 1999, 82, 2130-2142.	0.9	105
369	In Vivo Intracellular Analysis of Granule Cell Axon Reorganization in Epileptic Rats. Journal of Neurophysiology, 1999, 81, 712-721.	0.9	159
370	Patterned Activity in Stratum Lacunosum Moleculare Inhibits CA1 Pyramidal Neuron Firing. Journal of Neurophysiology, 1999, 82, 3213-3222.	0.9	65
371	Highly Specific Neuron Loss Preserves Lateral Inhibitory Circuits in the Dentate Gyrus of Kainate-Induced Epileptic Rats. Journal of Neuroscience, 1999, 19, 9519-9529.	1.7	250
372	Direct Evidence for Biphasic cAMP Responsive Element-Binding Protein Phosphorylation during Long-Term Potentiation in the Rat Dentate GyrusIn Vivo. Journal of Neuroscience, 1999, 19, 5683-5692.	1.7	142
373	Interdependence of Multiple Theta Generators in the Hippocampus: a Partial Coherence Analysis. Journal of Neuroscience, 1999, 19, 6200-6212.	1.7	198
374	A hybrid model for rodent spatial learning and localization. , 0, , .		0
375	Oscillatory model of the hippocampal memory. , 0, , .		0
376	Some Temporal and Parietal Cortical Connections Converge in CA1 of the Primate Hippocampus. Cerebral Cortex, 1999, 9, 232-237.	1.6	105
377	Computational Models of Predictive and Memory-Related Functions of the Hippocampus. Reviews in the Neurosciences, 1999, 10, 213-32.	1.4	10
378	Long-term suppression of synaptic transmission by tetanization of a single pyramidal cell in the mouse hippocampusin vitro. Journal of Physiology, 1999, 515, 757-767.	1.3	2
379	On the mechanism of histaminergic inhibition of glutamate release in the rat dentate gyrus. Journal of Physiology, 1999, 515, 777-786.	1.3	109
380	Emerging insights into the genesis of epilepsy. Nature, 1999, 399, A15-A22.	13.7	286

	Сітатіо	n Report	
#	Article	IF	CITATIONS
381	Distribution of spatial and nonspatial information in dorsal hippocampus. Nature, 1999, 402, 610-614.	13.7	298
382	Corticosterone replacement restores normal morphological features to the hippocampal dendrites, axons and synapses of adrenalectomized rats. Journal of Neurocytology, 1999, 28, 541-558.	1.6	30
383	Selective visual attention in a neurocomputational model of phase oscillators. Biological Cybernetics, 1999, 80, 205-214.	0.6	19
384	Oscillatory models of the hippocampus: A study of spatio-temporal patterns of neural activity. Biological Cybernetics, 1999, 81, 359-371.	0.6	24
385	Reduced mastication stimulates impairment of spatial memory and degeneration of hippocampal neurons in aged SAMP8 mice. Brain Research, 1999, 826, 148-153.	1.1	155
386	Differential regional dysfunction of the hippocampal formation among elderly with memory decline and Alzheimer's disease. Annals of Neurology, 1999, 45, 466-472.	2.8	334
387	Introduction: What is where in the medial temporal lobe?. Hippocampus, 1999, 9, 1-6.	0.9	58
388	Bridging the gap: Integrating cellular and functional magnetic resonance imaging studies of the hippocampus. Hippocampus, 1999, 9, 45-53.	0.9	40
389	Hippocampus as a memory map: Synaptic plasticity and memory encoding by hippocampal neurons. Hippocampus, 1999, 9, 365-384.	0.9	175
390	Analysis of information transmission in the schaffer collaterals. , 1999, 9, 582-598.		44
391	Dentate gyrus-selective colchicine lesion and disruption of performance in spatial tasks: Difficulties in ?place strategy? because of a lack of flexibility in the use of environmental cues?. , 1999, 9, 668-681.		134
392	Sequential changes in the synaptic structural profile following long-term potentiation in the rat dentate gyrus: I. The intermediate maintenance phase. Synapse, 1999, 31, 97-107.	0.6	47
393	Diversity of the calretinin immunoreactivity in the dentate gyrus of gerbils, hamsters, guinea pigs, and laboratory shrews. Journal of Comparative Neurology, 1999, 411, 413-430.	0.9	29
394	Aging impairs axonal sprouting response of dentate granule cells following target loss and partial deafferentation. , 1999, 414, 238-254.		52
395	Neuron loss in the mouse hippocampus following prenatal injection of tritiated thymidine or saline. International Journal of Developmental Neuroscience, 1999, 17, 185-190.	0.7	27
396	The Hippocampus, Memory, and Place Cells. Neuron, 1999, 23, 209-226.	3.8	927
397	Linear Summation of Excitatory Inputs by CA1 Pyramidal Neurons. Neuron, 1999, 22, 383-394.	3.8	279
398	Ligand and subfield specificity of corticoid-induced neuronal loss in the rat hippocampal formation. Neuroscience, 1999, 89, 1079-1087.	1.1	96

ARTICLE IF CITATIONS # Spatial learning deficits in rats after injection of vincristine into the dorsal hippocampus. 399 1.1 14 Neuroscience, 1999, 91, 1299-1313. Hippocampal dysfunction during aging I: Deficits in memory consolidationâ⁻†. Neurobiology of Aging, 1999, 20, 363-372. 1.5 401 Muscarinic receptor subtypes involved in hippocampal circuits. Life Sciences, 1999, 64, 501-509. 2.0 91 Mitochondrial involvement in Alzheimer's disease. Biochimica Et Biophysica Acta - Bioenergetics, 1999, 0.5 147 1410, 171-182. Increased expression of Wnt-1 in schizophrenic brains. Schizophrenia Research, 1999, 38, 1-6. 403 1.1 156 Chemical neuroanatomy of the hippocampal formation and the perirhinal and parahippocampal cortices. Handbook of Chemical Neuroanatomy, 1999, , 285-401. 404 0.3 Astrocytes re-express nestin in deafferented target territories of the adult rat hippocampus. 405 0.6 40 NeuroŘeport, 1999, 10, 1007-1011. Common Firing Patterns of Hippocampal Cells in a Differential Reinforcement of Low Rates of 406 1.7 Response Schedule. Journal of Neuroscience, 2000, 20, 7043-7051. Topiramate depresses carbachol-induced plateau potentials in subicular bursting cells. NeuroReport, 407 0.6 13 2000, 11, 75-77. Ripple (˜200-Hz) Oscillations in Temporal Structures. Journal of Clinical Neurophysiology, 2000, 17, 408 83 361-376. Deficits in operant behavior and alteration of CA1, CA3 hippocampal dendritic arborization due to 409 6 subicular lesions., 2000, 59, 806-812. Sequential changes in the synaptic structural profile following long-term potentiation in the rat 54 dentate gyrus. II. Induction / early maintenance phase. , 2000, 36, 286-296. Evaluating the function of hippocampal subregions with high-resolution MRI in Alzheimer's disease 411 1.2 82 and aging. Microscopy Research and Technique, 2000, 51, 101-108. Kainic acid-induced mossy fiber sprouting and synapse formation in the dentate gyrus of rats. Hippocampus, 2000, 10, 244-260. 106 Neurons in the hilus region of the rat hippocampus are depleted in number by exposure to alcohol 413 0.9 40 during early postnatal life. Hippocampus, 2000, 10, 284-295. Age-related deficits in the ability to encode contextual change: A place cell analysis. Hippocampus, 414 48 2000, 10, 338-350. IG-molecule Kilon shows differential expression pattern from LAMP in the developing and adult rat 415 0.9 13 hippocampus. Hippocampus, 2000, 10, 632-644. Synaptic plasticity in morphologically identified CA1 stratum radiatum interneurons and giant projection cells. Hippocampus, 2000, 10, 673-683.

#	Article	IF	Citations
417	Reactive astrocytes upregulate fas (CD95) and fas ligand (CD95L) expression but do not undergo programmed cell death during the course of anterograde degeneration. Glia, 2000, 32, 25-41.	2.5	55
418	Temporal profile of neuronal injury following pilocarpine or kainic acid-induced status epilepticus. Epilepsy Research, 2000, 39, 133-152.	0.8	232
419	Behaviors induced or disrupted by complex partial seizures. Neuroscience and Biobehavioral Reviews, 2000, 24, 763-775.	2.9	51
420	Glutamatergic synapses on oligodendrocyte precursor cells in the hippocampus. Nature, 2000, 405, 187-191.	13.7	880
421	A cortical–hippocampal system for declarative memory. Nature Reviews Neuroscience, 2000, 1, 41-50.	4.9	1,454
422	Responses of rat subicular neurons to convergent stimulation of lateral entorhinal cortex and CA1 in vivo. Brain Research, 2000, 884, 35-50.	1.1	39
423	The hippocampal lamella hypothesis revisited11Published on the World Wide Web on 12 October 2000 Brain Research, 2000, 886, 165-171.	1.1	99
424	Fos Imaging Reveals Differential Patterns of Hippocampal and Parahippocampal Subfield Activation in Rats in Response to Different Spatial Memory Tests. Journal of Neuroscience, 2000, 20, 2711-2718.	1.7	243
425	CA3-Released Entorhinal Seizures Disclose Dentate Gyrus Epileptogenicity and Unmask a Temporoammonic Pathway. Journal of Neurophysiology, 2000, 83, 1115-1124.	0.9	74
426	Identification of the Kainate Receptor Subunits Underlying Modulation of Excitatory Synaptic Transmission in the CA3 Region of the Hippocampus. Journal of Neuroscience, 2000, 20, 8269-8278.	1.7	162
427	Synaptic Connections From Multiple Subfields Contribute to Granule Cell Hyperexcitability in Hippocampal Slice Cultures. Journal of Neurophysiology, 2000, 84, 2918-2932.	0.9	63
428	The Involvement of Recurrent Connections in Area CA3 in Establishing the Properties of Place Fields: a Model. Journal of Neuroscience, 2000, 20, 7463-7477.	1.7	119
429	Recurrent Excitatory Connectivity in the Dentate Gyrus of Kindled and Kainic Acid–Treated Rats. Journal of Neurophysiology, 2000, 83, 693-704.	0.9	136
430	Superior Water Maze Performance and Increase in Fear-Related Behavior in the Endothelial Nitric Oxide Synthase-Deficient Mouse Together with Monoamine Changes in Cerebellum and Ventral Striatum. Journal of Neuroscience, 2000, 20, 6694-6700.	1.7	89
431	Opioid Modulation of Recurrent Excitation in the Hippocampal Dentate Gyrus. Journal of Neuroscience, 2000, 20, 4379-4388.	1.7	53
432	Prominence of Direct Entorhinal–CA1 Pathway Activation in Sensorimotor and Cognitive Tasks Revealed by 2-DG Functional Mapping in Nonhuman Primate. Journal of Neuroscience, 2000, 20, 5827-5834.	1.7	68
433	Evidence for Spatial Modules Mediated by Temporal Synchronization of Carbachol-Induced Gamma Rhythm in Medial Entorhinal Cortex. Journal of Neuroscience, 2000, 20, 7846-7854.	1.7	78
434	Blockade of Neuronal Activity During Hippocampal Development Produces a Chronic Focal Epilepsy in the Rat. Journal of Neuroscience, 2000, 20, 2904-2916.	1.7	81

#	Article	IF	CITATIONS
435	Latent Attractors: A Model for Context-Dependent Place Representations in the Hippocampus. Neural Computation, 2000, 12, 1009-1043.	1.3	52
436	Fear recognition deficits after focal brain damage. Neurology, 2000, 54, 575-575.	1.5	141
437	A randomized controlled trial of prednisone in Alzheimer's disease. Neurology, 2000, 54, 588-588.	1.5	474
439	APOE and AD concordance in twin pairs as predictors of AD in first-degree relatives. Neurology, 2000, 54, 593-593.	1.5	15
440	Memory and MRI-based hippocampal volumes in aging and AD. Neurology, 2000, 54, 581-581.	1.5	391
441	The multifarious hippocampal mossy fiber pathway: a review. Neuroscience, 2000, 98, 407-427.	1.1	333
442	Pattern of long-distance projections from fetal hippocampal field CA3 and CA1 cell grafts in lesioned CA3 of adult hippocampus follows intrinsic character of respective donor cells. Neuroscience, 2000, 99, 243-255.	1.1	34
443	Distribution of spontaneous currents along the somato-dendritic axis of rat hippocampal CA1 pyramidal neurons. Neuroscience, 2000, 99, 593-603.	1.1	37
444	Paradoxical facilitatory effect of fornix lesions on acquisition of contextual fear conditioning in mice. Behavioural Brain Research, 2000, 107, 85-91.	1.2	13
445	Spatiotemporal expression of BDNF in the hippocampus induced by the continuous intracerebroventricular infusion of β-amyloid in rats. Molecular Brain Research, 2000, 80, 188-197.	2.5	34
446	Ensemble Patterns of Hippocampal CA3-CA1 Neurons during Sharp Wave–Associated Population Events. Neuron, 2000, 28, 585-594.	3.8	423
447	Effects of chronic lead exposure on short-term and long-term depression in area CA1 of the rat hippocampus in vivo. Chemosphere, 2000, 41, 165-171.	4.2	24
448	Memory Systems in the Brain. Annual Review of Psychology, 2000, 51, 599-630.	9.9	351
449	Analysis of the connectional organization of neural systems associated with the hippocampus in rats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 55-70.	1.8	60
450	Conjunctive representations in learning and memory: Principles of cortical and hippocampal function Psychological Review, 2001, 108, 311-345.	2.7	786
451	Total number and distribution of inhibitory and excitatory synapses on hippocampal CA1 pyramidal cells. Neuroscience, 2001, 102, 527-540.	1.1	830
452	Lesions of the Entorhinal Cortex Impair Acquisition of Hippocampal-Dependent Trace Conditioning. Neurobiology of Learning and Memory, 2001, 75, 121-127.	1.0	52
453	Perforant path lesion induces up-regulation of stathmin messenger RNA, but not SCG10 messenger RNA, in the adult rat hippocampus. Neuroscience, 2001, 102, 515-526.	1.1	15

#	Article	IF	CITATIONS
454	Enhanced but fragile inhibition in the dentate gyrus in vivo in the kainic acid model of temporal lobe epilepsy: a study using current source density analysis. Neuroscience, 2001, 104, 379-396.	1.1	44
455	Cellular and subcellular localization of Ras guanyl nucleotide-releasing protein in the rat hippocampus. Neuroscience, 2001, 108, 381-390.	1.1	10
456	Integrated brain activity in medial temporal and prefrontal areas predicts subsequent memory performance: human declarative memory formation at the system level. Brain Research Bulletin, 2001, 55, 1-9.	1.4	84
457	The subiculum: a review of form, physiology and function. Progress in Neurobiology, 2001, 64, 129-155.	2.8	233
458	Enhanced auditory reversal learning by genetic activation of protein kinase C in small groups of rat hippocampal neurons. Molecular Brain Research, 2001, 93, 127-136.	2.5	29
459	Brain-implantable biomimetic electronics as the next era in neural prosthetics. Proceedings of the IEEE, 2001, 89, 993-1012.	16.4	109
460	Learning impairments and motor dysfunctions in adult Lhx5-deficient mice displaying hippocampal disorganization. Physiology and Behavior, 2001, 73, 781-792.	1.0	81
462	Pioneering steps in studies on sleep and epilepsy. , 2001, , 1-12.		0
463	Neuronal types and circuits in sleep and epilepsy. , 2001, , 13-88.		0
464	Neuronal properties, network operations and behavioral signs during sleep states and wakefulness. , 2001, , 89-208.		Ο
465	Plastic changes in thalamocortical systems developing from low-frequency sleep oscillations. , 2001, , 209-284.		0
466	Neuronal mechanisms of seizures. , 2001, , 285-424.		1
469	Network and Intrinsic Contributions to Carbachol-Induced Oscillations in the Rat Subiculum. Journal of Neurophysiology, 2001, 86, 1164-1178.	0.9	15
470	Spatial Long-Term Memory Is Related to Mossy Fiber Synaptogenesis. Journal of Neuroscience, 2001, 21, 7340-7348.	1.7	162
471	Electrophysiological Characterization of "Giant―Cells in Stratum Radiatum of the CA3 Hippocampal Region. Journal of Neurophysiology, 2001, 85, 1998-2007.	0.9	8
472	Behavior-Dependent States of the Hippocampal Network Affect Functional Clustering of Neurons. Journal of Neuroscience, 2001, 21, RC145-RC145.	1.7	37
473	Experimental Localization of Kv1 Family Voltage-Gated K ⁺ Channel α and β Subunits in Rat Hippocampal Formation. Journal of Neuroscience, 2001, 21, 5973-5983.	1.7	119
474	Recognition Memory Correlates of Hippocampal Theta Cells. Journal of Neuroscience, 2001, 21, 3955-3967.	1.7	61

#	Article	IF	CITATIONS
475	Time-Dependent Reversal of Long-Term Potentiation by Low-Frequency Stimulation at the Hippocampal Mossy Fiber–CA3 Synapses. Journal of Neuroscience, 2001, 21, 3705-3714.	1.7	69
476	Cholinergic Modulation of Excitatory Synaptic Transmission in the CA3 Area of the Hippocampus. Journal of Neuroscience, 2001, 21, 75-83.	1.7	133
477	Altered Dentate Filtering During the Transition to Seizure in the Rat Tetanus Toxin Model of Epilepsy. Journal of Neurophysiology, 2001, 86, 2748-2753.	0.9	13
478	Neonatal novelty exposure modulates hippocampal volumetric asymmetry in the rat. NeuroReport, 2001, 12, 3019-3022.	0.6	56
479	Excitotoxic lesions of the pre- and parasubiculum disrupt object recognition and spatial memory processes Behavioral Neuroscience, 2001, 115, 112-124.	0.6	41
480	Imaging the Consequences of Alzheimer's Disease Pathology. , 0, , 181-192.		Ο
481	Contextual fear conditioning is disrupted by lesions of the subcortical, but not entorhinal, connections to the hippocampus. Experimental Brain Research, 2001, 141, 304-311.	0.7	29
482	Modeling of evoked field potentials in hippocampal CA1 area describes their dependence on NMDA and GABA receptors. Journal of Neuroscience Methods, 2001, 104, 143-153.	1.3	16
483	An in vivo model for investigating bilateral synaptic plasticity across CA3/CA1 synapses in guinea pig dorsal hippocampus. Journal of Neuroscience Methods, 2001, 110, 25-30.	1.3	4
484	Phase-coupled oscillator models can predict hippocampal inhibitory synaptic connections. European Journal of Neuroscience, 2001, 13, 2183-2194.	1.2	7
485	Fluorescent tracer in pilocarpine-treated rats shows widespread aberrant hippocampal neuronal connectivity. European Journal of Neuroscience, 2001, 14, 83-95.	1.2	78
486	Ex vivo MR microimaging of neuronal damage after kainate-induced status epilepticus in rat: Correlation with quantitative histology. Magnetic Resonance in Medicine, 2001, 46, 946-954.	1.9	20
487	Enhanced neurogenesis in the rodent hippocampus following traumatic brain injury. Journal of Neuroscience Research, 2001, 63, 313-319.	1.3	388
488	Intracellular recording and labeling of mossy cells and proximal CA3 pyramidal cells in macaque monkeys. Journal of Comparative Neurology, 2001, 430, 264-281.	0.9	66
489	Focal inhibitory interneuron loss and principal cell hyperexcitability in the rat hippocampus after microinjection of a neurotoxic conjugate of saporin and a peptidase-resistant analog of Substance P. Journal of Comparative Neurology, 2001, 436, 127-152.	0.9	44
490	Commissurally projecting inhibitory interneurons of the rat hippocampal dentate gyrus: A colocalization study of neuronal markers and the retrograde tracer fluoro-gold. Journal of Comparative Neurology, 2001, 441, 324-344.	0.9	71
491	Reciprocal connections between the entorhinal cortex and hippocampal fields CA1 and the subiculum are in register with the projections from CA1 to the subiculum. Hippocampus, 2001, 11, 99-104.	0.9	198
492	Evidence for a direct projection from the postrhinal cortex to the subiculum in the rat. Hippocampus, 2001, 11, 105-117.	0.9	65

#	Article	IF	CITATIONS
493	Activation of the dentate gyrus by stimulation of the contralateral perforant pathway: Evoked potentials and long-term potentiation after ipsi- and contralateral induction. Hippocampus, 2001, 11, 157-167.	0.9	10
494	Competitive Hebbian learning and the hippocampal place cell system: Modeling the interaction of visual and path integration cues. Hippocampus, 2001, 11, 216-239.	0.9	29
495	Sequential changes in the synaptic structural profile following long-term potentiation in the rat dentate gyrus: III. Long-term maintenance phase. Synapse, 2001, 40, 74-84.	0.6	49
496	Episodic–like memory in animals: psychological criteria, neural mechanisms and the value of episodic–like tasks to investigate animal models of neurodegenerative disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1453-1465.	1.8	188
497	Seizure activity produces differential changes in adenosine A1 receptors within rat hippocampus. Neurochemical Research, 2001, 26, 225-230.	1.6	23
498	Propagation of synchronous epileptiform events from subiculum backward into area CA1 of rat brain slices. Brain Research, 2001, 895, 41-49.	1.1	45
499	Hippocampal transection attenuates kainic acid-induced amygdalar seizures in rats. Brain Research, 2001, 897, 93-103.	1.1	21
500	Plasticity, Hippocampal Place Cells, and Cognitive Maps. Archives of Neurology, 2001, 58, 874.	4.9	108
501	Hippocampal auto-associative memory. , 0, , .		1
502	A fluorescent tracing of hilus-granular organization utilizing visual feedback system. , 0, , .		2
502 503	A fluorescent tracing of hilus-granular organization utilizing visual feedback system. , 0, , . Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215.	1.4	2 36
	Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12,	1.4	
503	Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215.		36
503 504	Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215. Hormones and the hippocampus. Journal of Endocrinology, 2001, 169, 205-231. The Longitudinal Axis of the Hippocampal Formation: Its Anatomy, Circuitry, and Role in Cognitive	1.2	36 242
503 504 506	Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215. Hormones and the hippocampus. Journal of Endocrinology, 2001, 169, 205-231. The Longitudinal Axis of the Hippocampal Formation: Its Anatomy, Circuitry, and Role in Cognitive Function. Reviews in the Neurosciences, 2002, 13, 183-94.	1.2	36 242 69
503 504 506 507	 Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215. Hormones and the hippocampus. Journal of Endocrinology, 2001, 169, 205-231. The Longitudinal Axis of the Hippocampal Formation: Its Anatomy, Circuitry, and Role in Cognitive Function. Reviews in the Neurosciences, 2002, 13, 183-94. Stereoscopic visual servo system for microinjection., 0, , . Decreased Expression of Hippocampal Cholinergic Neurostimulating Peptide Precursor Protein mRNA in the Hippocampus in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 	1.2	36 242 69 4
503 504 506 507 508	 Molecules Involved in Reactive Sprouting in the Hippocampus. Reviews in the Neurosciences, 2001, 12, 195-215. Hormones and the hippocampus. Journal of Endocrinology, 2001, 169, 205-231. The Longitudinal Axis of the Hippocampal Formation: Its Anatomy, Circuitry, and Role in Cognitive Function. Reviews in the Neurosciences, 2002, 13, 183-94. Stereoscopic visual servo system for microinjection., 0,,. Decreased Expression of Hippocampal Cholinergic Neurostimulating Peptide Precursor Protein mRNA in the Hippocampus in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2002, 61, 176-185. The Interaction of Rhinal Cortex and Hippocampus in Human Declarative Memory Formation. Reviews 	1.2 1.4 0.9	 36 242 69 4 77

		CITATION REPORT		
#	Article		IF	CITATIONS
513	Prenatal Programming of Depression and Schizophrenia?. Neuroembryology and Aging, 2002	2, 1, 113-127.	0.1	4
514	Requirement for Hippocampal CA3 NMDA Receptors in Associative Memory Recall. Science, 2211-218.	2002, 297,	6.0	965
515	Multiple Parallel Memory Systems in the Brain of the Rat. Neurobiology of Learning and Mem 77, 125-184.	iory, 2002,	1.0	809
516	Place Cells and Place Recognition Maintained by Direct Entorhinal-Hippocampal Circuitry. Sci 2002, 296, 2243-2246.	ence,	6.0	537
517	Theta Oscillations in the Hippocampus. Neuron, 2002, 33, 325-340.		3.8	2,754
518	Reciprocal connections of the hippocampal area CA1, the lateral nucleus of the amygdala an areas in a combined horizontal slice preparation. Neuroscience Research, 2002, 44, 91-100.	d cortical	1.0	58
519	Properties of the extra-positional signal in hippocampal place cell discharge derived from the overdispersion in location-specific firing. Neuroscience, 2002, 111, 553-566.		1.1	82
520	Local circuit plasticity in the rat dentate gyrus: characterization and aging-related impairmen Neuroscience, 2002, 112, 1001-1007.	t.	1.1	20
521	Up-regulation of cystatin C expression in the murine hippocampus following perforant path transections. Neuroscience, 2002, 112, 289-298.		1.1	23
522	A detailed mapping of the histamine H3 receptor and its gene transcripts in rat brain. Neuros 2002, 114, 173-193.	science,	1.1	297
523	Synaptic reorganization of calbindin-positive neurons in the human hippocampal CA1 region temporal lobe epilepsy. Neuroscience, 2002, 115, 961-978.	in	1.1	99
524	Identification and localization of multiple classic cadherins in developing rat limbic system. Neuroscience, 2002, 115, 213-227.		1.1	74
525	The molarless condition in aged SAMP8 mice attenuates hippocampal Fos induction linked to maze performance. Behavioural Brain Research, 2002, 128, 19-25.	o water	1.2	91
526	Network and pharmacological mechanisms leading to epileptiform synchronization in the lin system in vitro. Progress in Neurobiology, 2002, 68, 167-207.	ibic	2.8	402
527	Distribution of a Lysosomal Enzyme in the Adult Brain by Axonal Transport and by Cells of th Migratory Stream. Journal of Neuroscience, 2002, 22, 6437-6446.	e Rostral	1.7	122
528	Methodological Considerations when Studying the Aging Process in the Nonhuman Primate 2002, 31, 76-101.	Brain. ,		0
529	Investigation of the Neuronal Aggregate Generating Seizures in the Rat Tetanus Toxin Model Epilepsy. Journal of Neurophysiology, 2002, 88, 2919-2927.	of	0.9	32
530	Neurodegeneration in the rat hippocampus and striatum after middle cerebral artery occlusic Research, 2002, 929, 252-260.	on. Brain	1.1	138

#	Article	IF	CITATIONS
531	Glutamate-induced gamma oscillations in the dentate gyrus of rat hippocampal slices. Brain Research, 2002, 938, 22-28.	1.1	35
532	Estrogen regulates GFAP-expression in specific subnuclei of the female rat interpeduncular nucleus: a potential role for estrogen receptor β. Brain Research, 2002, 958, 488-496.	1.1	14
533	Imaging hippocampal function across the human life span: Is memory decline normal or not?. Annals of Neurology, 2002, 51, 290-295.	2.8	194
534	Role of reactive oxygen species in hippocampal long-term potentiation: Contributory or inhibitory?. Journal of Neuroscience Research, 2002, 70, 1-7.	1.3	196
535	A fresh look at the role of CaMKII in hippocampal synaptic plasticity and memory. BioEssays, 2002, 24, 223-233.	1.2	43
536	Enhancement of temporal and spatial synchronization of entorhinal gamma activity by phase reset. Hippocampus, 2002, 12, 447-456.	0.9	10
537	Projections from the posterior cortical nucleus of the amygdala to the hippocampal formation and parahippocampal region in rat. Hippocampus, 2002, 12, 735-755.	0.9	77
538	Cholinergic system regulation of spatial representation by the hippocampus. Hippocampus, 2002, 12, 386-397.	0.9	80
539	Granule neurons generated during development extend divergent axon collaterals to hippocampal area CA3. Journal of Comparative Neurology, 2002, 452, 324-333.	0.9	32
540	Intrahippocampal connections in the pigeon (Columba livia) as revealed by stimulation evoked field potentials. Journal of Comparative Neurology, 2002, 452, 297-309.	0.9	34
541	Physiological evidence for a possible projection from dorsal subiculum to hippocampal area CA1. Experimental Brain Research, 2002, 146, 155-160.	0.7	37
542	Nitric oxide-containing pyramidal neurons of the subiculum innervate the CA1 area. Experimental Brain Research, 2002, 147, 38-44.	0.7	21
543	From view cells and place cells to cognitive map learning: processing stages of the hippocampal system. Biological Cybernetics, 2002, 86, 15-28.	0.6	125
544	Preeminence of Extrahippocampal Structures in the Generation of Mesial Temporal Seizures: Evidence from Human Depth Electrode Recordings. Epilepsia, 2002, 43, 716-726.	2.6	119
545	Somatostatin receptor subtypes 2 and 4 affect seizure susceptibility and hippocampal excitatory neurotransmission in mice. European Journal of Neuroscience, 2002, 16, 843-849.	1.2	77
546	Tetanus Toxinâ€Induced Effects on Extracellular Amino Acid Levels in Rat Hippocampus: An In Vivo Microdialysis Study. Journal of Neurochemistry, 1996, 67, 324-329.	2.1	9
547	Spatial Learning Activates Neural Cell Adhesion Molecule Polysialylation in a Corticohippocampal Pathway Within the Medial Temporal Lobe. Journal of Neurochemistry, 1997, 68, 2538-2546.	2.1	68
548	Neuromodulation, theta rhythm and rat spatial navigation. Neural Networks, 2002, 15, 689-707.	3.3	180

#	Article	IF	CITATIONS
549	Mitochondrial dysfunction associated with neuronal death following status epilepticus in rat. Epilepsy Research, 2002, 48, 157-168.	0.8	96
550	A fundamental oscillatory state of isolated rodent hippocampus. Journal of Physiology, 2002, 540, 509-527.	1.3	85
551	Direct cortical input modulates plasticity and spiking in CA1 pyramidal neurons. Nature, 2002, 416, 736-740.	13.7	175
552	Effects of hippocampal N-methyl-[D]-aspartate infusion on locomotor activity and prepulse inhibition: Differences between the dorsal and ventral hippocampus Behavioral Neuroscience, 2002, 116, 72-84.	0.6	50
553	Plasticity and the spread of Alzheimer's disease-like changes. Neurochemical Research, 2003, 28, 1715-1723.	1.6	9
554	Stable Neural Attractors Formation: Learning Rules and Network Dynamics. Neural Processing Letters, 2003, 18, 1-16.	2.0	7
555	Imaging Alzheimer's disease. Current Neurology and Neuroscience Reports, 2003, 3, 385-392.	2.0	8
556	Inhibitory control of sensory gating in a computer model of the CA3 region of the hippocampus. Biological Cybernetics, 2003, 88, 247-264.	0.6	43
557	Selective neurodegeneration of hippocampus and entorhinal cortex correlates with spatial learning impairments in rats with bilateral ibotenate lesions of ventral subiculum. Brain Research, 2003, 960, 9-15.	1.1	37
558	Internal connectivity of the homing pigeon (Columba livia) hippocampal formation: An anterograde and retrograde tracer study. Journal of Comparative Neurology, 2003, 459, 127-141.	0.9	86
559	?Dormant basket cell? hypothesis revisited: Relative vulnerabilities of dentate gyrus mossy cells and inhibitory interneurons after hippocampal status epilepticus in the rat. Journal of Comparative Neurology, 2003, 459, 44-76.	0.9	203
560	The entorhinal cortex of the mouse: Organization of the projection to the hippocampal formation. Hippocampus, 2003, 13, 133-149.	0.9	270
561	Projections from the periamygdaloid cortex to the amygdaloid complex, the hippocampal formation, and the parahippocampal region: A PHA-L study in the rat. Hippocampus, 2003, 13, 922-942.	0.9	46
562	Effect of penicillin-induced epilepsy seizure on the volume of hippocampus stratum pyramidalis in rat. Neuroscience Research Communications, 2003, 33, 210-217.	0.2	2
563	Quantification of layer-specific gene expression in the hippocampus: effective use of laser microdissection in combination with quantitative RT-PCR. Journal of Neuroscience Methods, 2003, 131, 83-91.	1.3	47
564	Delayed peripheral nerve regeneration and central nervous system collateral sprouting in leucocyte common antigen-related protein tyrosine phosphatase-deficient mice. European Journal of Neuroscience, 2003, 17, 991-1005.	1.2	39
565	Unique changes in synaptic morphology following tetanization under pharmacological blockade. Synapse, 2003, 47, 77-86.	0.6	12
566	NCAM180 and glutamate receptor subtypes in potentiated spine synapses: an immunogold electron microscopic study. Molecular and Cellular Neurosciences, 2003, 24, 939-950.	1.0	45

#	Article	IF	CITATIONS
567	EphA/ephrin-A interactions regulate epileptogenesis and activity-dependent axonal sprouting in adult rats. Molecular and Cellular Neurosciences, 2003, 24, 984-999.	1.0	35
568	Electrolytic lesions of the ventral subiculum weakly alter spatial memory but potentiate amphetamine-induced locomotion. Behavioural Brain Research, 2003, 152, 23-34.	1.2	12
569	Hippocampal modulation of sensorimotor processes. Progress in Neurobiology, 2003, 70, 319-345.	2.8	252
570	Preservation of hippocampal neuron numbers in aged rhesus monkeys. Neurobiology of Aging, 2003, 24, 157-165.	1.5	121
571	Role of the hippocampal CA2 region following postischemic hypothermia in gerbil. Molecular Brain Research, 2003, 111, 8-16.	2.5	4
572	Involvement of cholinergic and gabaergic systems in the fragile X knockout mice. Neuroscience, 2003, 119, 9-13.	1.1	63
573	Neuroprotective activity of antazoline against neuronal damage induced by limbic status epilepticus. Neuroscience, 2003, 120, 475-484.	1.1	9
574	Cholecystokinin expression after hippocampal deafferentiation: molecular evidence revealed by differential display-reverse transcription–polymerase chain reaction. Neuroscience, 2003, 121, 111-121.	1.1	10
575	Electrophysiological studies on the hippocampus and prefrontal cortex assessing the effects of amyloidosis in amyloid precursor protein 23 transgenic mice. Neuroscience, 2003, 120, 705-720.	1.1	64
576	Propagation pattern of entorhinal cortex subfields to the dentate gyrus in the guinea-pig: an electrophysiological study. Neuroscience, 2003, 122, 843-851.	1.1	10
577	State-dependent columnar organization of dorsal hippocampal activity in the freely-behaving cat. Behavioural Brain Research, 2003, 138, 107-112.	1.2	3
578	Vision, emotion and memory: from neurophysiology to computation. International Congress Series, 2003, 1250, 547-573.	0.2	15
579	Subpopulation of nestin-expressing progenitor cells in the adult murine hippocampus shows electrophysiological and morphological characteristics of astrocytes. Molecular and Cellular Neurosciences, 2003, 23, 373-382.	1.0	435
580	Involvement of the hippocampal CA3-region in acquisition and in memory consolidation of spatial but not in object information in mice. Neurobiology of Learning and Memory, 2003, 80, 32-41.	1.0	79
581	A cytoarchitectonic study of the hippocampal formation of the tree shrew (Tupaia belangeri). Journal of Chemical Neuroanatomy, 2003, 26, 1-15.	1.0	31
582	Identification of neuronal cell death in a model of degeneration in the hippocampus. Brain Research Protocols, 2003, 11, 1-8.	1.7	34
583	Elements of a neurobiological theory of the hippocampus: the role of activity-dependent synaptic plasticity in memory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 773-786.	1.8	411
584	Communication between neocortex and hippocampus during sleep in rodents. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2065-2069.	3.3	803

#	Article	IF	CITATIONS
585	Age-related Changes in Brain Regional Activity during Chewing: A Functional Magnetic Resonance Imaging Study. Journal of Dental Research, 2003, 82, 657-660.	2.5	157
586	The spherical deformation model. Biostatistics, 2003, 4, 583-595.	0.9	23
587	Measuring Correlates of Brain Metabolism With High-Resolution MRI: A Promising Approach for Diagnosing Alzheimer Disease and Mapping Its Course. Alzheimer Disease and Associated Disorders, 2003, 17, 154-161.	0.6	21
588	Analysis of Recordings of Single-Unit Firing and Population Activity in the Dorsal Subiculum of Unrestrained, Freely Moving Rats. Journal of Neurophysiology, 2003, 90, 655-665.	0.9	42
589	Olfactory learning and memory impairments following lesions to the hippocampus and perirhinal-entorhinal cortex Behavioral Neuroscience, 2003, 117, 304-319.	0.6	33
590	Cholinergic Activity Enhances Hippocampal Long-Term Potentiation in CA1 during Walking in Rats. Journal of Neuroscience, 2003, 23, 9297-9304.	1.7	109
591	Gamma Oscillations Induced by Kainate Receptor Activation in the Entorhinal Cortex <i>In Vitro</i> . Journal of Neuroscience, 2003, 23, 9761-9769.	1.7	149
592	Spontaneous Waves in the Dentate Gyrus of Slices From the Ventral Hippocampus. Journal of Neurophysiology, 2004, 92, 3385-3398.	0.9	12
593	Theta Rhythmic Stimulation of Stratum Lacunosum-Moleculare in Rat Hippocampus Contributes to Associative LTP at a Phase Offset in Stratum Radiatum. Journal of Neurophysiology, 2004, 92, 1615-1624.	0.9	36
594	The Septal Region. , 2004, , 605-632.		28
595	Hippocampal Formation. , 2004, , 635-704.		191
596	An associative network with spatially organized connectivity. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P07010.	0.9	26
598	Topographic specificity of functional connections from hippocampal CA3 to CA1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2560-2565.	3.3	43
599	From The Cover: Imaging correlates of brain function in monkeys and rats isolates a hippocampal subregion differentially vulnerable to aging. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7181-7186.	3.3	264
600	Rapid Deletion of Mossy Cells Does Not Result in a Hyperexcitable Dentate Gyrus: Implications for Epileptogenesis. Journal of Neuroscience, 2004, 24, 2259-2269.	1.7	106
601	Cognitive Memory: Cellular and Network Machineries and Their Top-Down Control. Science, 2004, 306, 435-440.	6.0	306
602	Translamellar Disinhibition in the Rat Hippocampal Dentate Gyrus after Seizure-Induced Degeneration of Vulnerable Hilar Neurons. Journal of Neuroscience, 2004, 24, 853-864.	1.7	80
603	Plasticity of the Hippocampal Place Cell Representation. Reviews in the Neurosciences, 2004, 15, 309-31.	1.4	32

#	Article	IF	CITATIONS
604	Hippocampal BDNF mediates the efficacy of exercise on synaptic plasticity and cognition. European Journal of Neuroscience, 2004, 20, 2580-2590.	1.2	1,193
605	Functional dissociation between serotonergic pathways in dorsal and ventral hippocampus in psychotomimetic drug-induced locomotor hyperactivity and prepulse inhibition in rats. European Journal of Neuroscience, 2004, 20, 3424-3432.	1.2	31
606	Fos Expression is Selectively and Differentially Regulated By Endogenous Glucocorticoids in the Paraventricular Nucleus of the Hypothalamus and the Dentate Gyrus. Journal of Neuroendocrinology, 2004, 16, 970-979.	1.2	30
607	Involvement of a Glutamatergic Mechanism in δ-Dendrotoxin-Induced Hippocampal Neuronal Cell Loss in the Rat. Basic and Clinical Pharmacology and Toxicology, 2004, 94, 132-138.	1.2	6
608	NMDA receptors, place cells and hippocampal spatial memory. Nature Reviews Neuroscience, 2004, 5, 361-372.	4.9	519
609	Chronometric readout from a memory trace: gamma-frequency field stimulation recruits timed recurrent activity in the rat CA3 network. Journal of Physiology, 2004, 561, 123-131.	1.3	29
610	Nociception-driven decreased induction of Fos protein in ventral hippocampus field CA1 of the rat. Brain Research, 2004, 1004, 167-176.	1.1	50
611	Neural network model of selective visual attention using Hodgkin?Huxley equation. Biological Cybernetics, 2004, 91, 315-325.	0.6	5
612	Dendritic changes in the hippocampal formation of AIDS patients: a quantitative Golgi study. Acta Neuropathologica, 2004, 107, 97-110.	3.9	71
613	A computer model of field potential responses for the study of short-term plasticity in hippocampus. Journal of Neuroscience Methods, 2004, 135, 175-191.	1.3	2
614	Selective loss of hilar neurons and impairment of initial learning in rats after repeated administration of electroconvulsive shock seizures. Experimental Brain Research, 2004, 154, 192-200.	0.7	50
615	Responses of dorsal subicular neurons of rats during object exploration in an extended environment. Experimental Brain Research, 2004, 159, 519-529.	0.7	19
616	Effects of age and alcohol exposure during early life on pyramidal cell numbers in the CA1-CA3 region of the rat hippocampus. Hippocampus, 2004, 14, 124-134.	0.9	44
617	Excitotoxic lesions of the pre- and parasubiculum disrupt the place fields of hippocampal pyramidal cells. Hippocampus, 2004, 14, 107-116.	0.9	29
618	Model of frequent, recurrent, and spontaneous seizures in the intact mouse hippocampus. Hippocampus, 2004, 14, 935-947.	0.9	64
619	Exercise induces BDNF and synapsin I to specific hippocampal subfields. Journal of Neuroscience Research, 2004, 76, 356-362.	1.3	168
620	Regional dissociations within the hippocampus—memory and anxiety. Neuroscience and Biobehavioral Reviews, 2004, 28, 273-283.	2.9	1,239
621	"Tectonic―hippocampal malformations in patients with temporal lobe epilepsy. Epilepsy Research, 2004, 59, 123-153.	0.8	51

#	Article	IF	Citations
622	Laser microdissection of immunolabeled astrocytes allows quantification of astrocytic gene expression. Journal of Neuroscience Methods, 2004, 138, 141-148.	1.3	38
623	Micromanipulation with stereoscopic imaging. , 0, , .		1
624	Longâ€īerm Culture of Hippocampal Neurons. Current Protocols in Neuroscience, 2004, 26, Unit 3.2.	2.6	16
625	Distinct Ensemble Codes in Hippocampal Areas CA3 and CA1. Science, 2004, 305, 1295-1298.	6.0	695
626	Sprouting and synaptic reorganization in the subiculum and CA1 region of the hippocampus in acute and chronic models of partial-onset epilepsy. Neuroscience, 2004, , .	1.1	2
627	Hippocampal mossy fibre terminal field size is differentially affected in a rat model of risk-taking behaviour. Behavioural Brain Research, 2004, 153, 7-14.	1.2	16
628	Hippocampal CA3-region is crucial for acquisition and memory consolidation in Morris water maze task in mice. Behavioural Brain Research, 2004, 154, 365-374.	1.2	124
629	Cocaine- and amphetamine-regulated transcript peptide (CART) is a selective marker of rat granule cells and of human mossy cells in the hippocampal dentate gyrus. Neuroscience, 2004, 125, 13-24.	1.1	23
630	Bidirectional shift in the cornu ammonis 3 pyramidal dendritic organization following brief stress. Neuroscience, 2004, 125, 337-347.	1.1	85
631	Damage to the amygdalo-hippocampal projection in temporal lobe epilepsy: A tract-tracing study in chronic epileptic rats. Neuroscience, 2004, 126, 485-501.	1.1	19
632	Sprouting and synaptic reorganization in the subiculum and CA1 region of the hippocampus in acute and chronic models of partial-onset epilepsy. Neuroscience, 2004, 126, 677-688.	1.1	96
633	Dissociation of function within the hippocampus: effects of dorsal, ventral and complete excitotoxic hippocampal lesions on spatial navigation. Neuroscience, 2004, 127, 289-300.	1.1	61
634	Lesions of the ventral hippocampus, but not the dorsal hippocampus, impair conditioned fear expression and inhibitory avoidance on the elevated T-maze. Neurobiology of Learning and Memory, 2004, 81, 172-184.	1.0	129
635	GABAB-receptor modulation of short-term synaptic depression at an excitatory input to murine hippocampal CA3 pyramidal neurons. Neuroscience Letters, 2004, 365, 48-53.	1.0	7
636	MRI identification of dorsal hippocampus homologue in human brain. NeuroReport, 2004, 15, 2173-2176.	0.6	23
637	The Role of Hippocampal Regions CA3 and CA1 in Matching Entorhinal Input With Retrieval of Associations Between Objects and Context: Theoretical Comment on Lee et al. (2005) Behavioral Neuroscience, 2005, 119, 342-345.	0.6	71
638	Granule Cell Apoptosis Induced by Overdose Copper and Ethanol Is Counterbalanced by Co-Induced Cellular Proliferation in Rat Dentate Gyrus. Tohoku Journal of Experimental Medicine, 2005, 205, 171-178.	0.5	2
639	Robust self-localisation and navigation based on hippocampal place cells. Neural Networks, 2005, 18, 1125-1140.	3.3	66

#	Article	IF	CITATIONS
640	Long-term effects of social stress on brain and behavior: a focus on hippocampal functioning. Neuroscience and Biobehavioral Reviews, 2005, 29, 83-97.	2.9	250
641	Hippocampal mechanisms for the context-dependent retrieval of episodes. Neural Networks, 2005, 18, 1172-1190.	3.3	262
642	Interaction between neocortical and hippocampal networks via slow oscillations. Thalamus & Related Systems, 2005, 3, 245.	0.5	211
643	Induction of ephrin-B1 and EphB receptors during denervation-induced plasticity in the adult mouse hippocampus. European Journal of Neuroscience, 2005, 21, 2336-2346.	1.2	21
644	Induction of sharp wave–ripple complexes in vitro and reorganization of hippocampal networks. Nature Neuroscience, 2005, 8, 1560-1567.	7.1	242
645	Loss of zolpidem efficacy in the hippocampus of mice with the GABAAreceptor Î ³ 2 F77I point mutation. European Journal of Neuroscience, 2005, 21, 3002-3016.	1.2	35
646	Defined types of cortical interneurone structure space and spike timing in the hippocampus. Journal of Physiology, 2005, 562, 9-26.	1.3	795
647	Reduced glycine transporter type 1 expression leads to major changes in glutamatergic neurotransmission of CA1 hippocampal neurones in mice. Journal of Physiology, 2005, 563, 777-793.	1.3	45
648	The GABAergic projection of the dentate gyrus to hippocampal area CA3 of the rat: pre- and postsynaptic actions after seizures. Journal of Physiology, 2005, 567, 939-949.	1.3	43
649	Young and excitable: the function of new neurons in the adult mammalian brain. Current Opinion in Neurobiology, 2005, 15, 121-128.	2.0	217
650	Hyperpolarization-activated current (Ih): A characterization of subicular neurons in brain slices from socially and individually housed rats. Brain Research, 2005, 1040, 1-13.	1.1	12
651	Auditory inhibitory gating in the amygdala: Single-unit analysis in the behaving rat. Brain Research, 2005, 1043, 12-23.	1.1	34
652	Restoring lost cognitive function. IEEE Engineering in Medicine and Biology Magazine, 2005, 24, 30-44.	1.1	125
653	Involvement of interferon-? and its receptor in the activation of astrocytes in the mouse hippocampus following entorhinal deafferentation. Glia, 2005, 50, 56-65.	2.5	17
654	Study of CA1 place cell activity and exploratory behavior following spatial and nonspatial changes in the environment. Hippocampus, 2005, 15, 356-369.	0.9	66
655	Inactivation of the dorsal hippocampus does not affect learning during exploration of a novel environment. Hippocampus, 2005, 15, 1085-1093.	0.9	32
656	Differential distribution of release-related proteins in the hippocampal CA3 area as revealed by freeze-fracture replica labeling. Journal of Comparative Neurology, 2005, 489, 195-216.	0.9	89
657	Differential expression of Î ³ -aminobutyric acid-A receptor subunits in rat dorsal and ventral hippocampus. Journal of Neuroscience Research, 2005, 82, 690-700.	1.3	50

#	Article	IF	CITATIONS
658	Dopamine D2 receptor plays a role in memory function: implications of dopamine–acetylcholine interaction in the ventral hippocampus. Psychopharmacology, 2005, 182, 253-261.	1.5	41
659	A model of attention and memory based on the principle of the dominant and the comparator function of the hippocampus. Neuroscience and Behavioral Physiology, 2005, 35, 235-252.	0.2	5
660	The Truth About Mossy Fiber Long-Term Potentiation. , 2005, , 107-121.		0
661	Brain Anatomy. , 2005, , 29-97.		1
662	Neuropeptide Y and Its Receptors in Kindling Epileptogenesis. , 2005, , 249-261.		0
663	Electrophysiological Evidence Using Focal Flash Photolysis of Caged Glutamate That CA1 Pyramidal Cells Receive Excitatory Synaptic Input From the Subiculum. Journal of Neurophysiology, 2005, 93, 3007-3011.	0.9	20
664	Encoding and Retrieval in the CA3 Region of the Hippocampus: A Model of Theta-Phase Separation. Journal of Neurophysiology, 2005, 94, 70-82.	0.9	114
665	Repair of the Injured Adult Hippocampus through Graft-Mediated Modulation of the Plasticity of the Dentate Gyrus in a Rat Model of Temporal Lobe Epilepsy. Journal of Neuroscience, 2005, 25, 8391-8401.	1.7	87
666	Technology Insight: imaging amyloid plaques in the living brain with positron emission tomography and MRI. Nature Clinical Practice Neurology, 2005, 1, 96-105.	2.7	19
667	Adult neurogenesis in rodents and primates: functional implications. Handbook of Behavioral Neuroscience, 2005, 15, 711-727.	0.0	1
668	Malignant glioma—induced neuronal cell death in an organotypic glioma invasion model. Journal of Neurosurgery, 2005, 102, 738-744.	0.9	39
670	Kindling 6. , 2005, , .		3
671	Metabotropic Glutamate Receptor 8-Expressing Nerve Terminals Target Subsets of GABAergic Neurons in the Hippocampus. Journal of Neuroscience, 2005, 25, 10520-10536.	1.7	124
672	Topography of Arc/Arg3.1 mRNA Expression in the Dorsal and Ventral Hippocampus Induced by Recent and Remote Spatial Memory Recall: Dissociation of CA3 and CA1 Activation. Journal of Neuroscience, 2005, 25, 9384-9397.	1.7	89
673	The Aging Hippocampus: Navigating Between Rat and Human Experiments. Reviews in the Neurosciences, 2005, 16, 87-121.	1.4	103
674	A Motorized Microdrive for Recording of Neural Ensembles in Awake Behaving Rats. Journal of Biomechanical Engineering, 2005, 127, 1035-1040.	0.6	21
675	Adult Neurogenesis: From Precursors to Network and Physiology. Physiological Reviews, 2005, 85, 523-569.	13.1	882
676	Entorhinal cortex entrains epileptiform activity in CA1 in pilocarpine-treated rats. Neurobiology of Disease, 2005, 19, 451-460.	2.1	73

#	Article	IF	CITATIONS
677	Dysfunction of the anterior hippocampus: The cause of fundamental schizophrenic symptoms?. Medical Hypotheses, 2005, 65, 55-60.	0.8	32
678	Spatial discrimination deficits by excitotoxic lesions in the Morris water escape task. Behavioural Brain Research, 2005, 156, 269-276.	1.2	22
679	Microglial cell population dynamics in the injured adult central nervous system. Brain Research Reviews, 2005, 48, 196-206.	9.1	289
680	Denervation-induced spatiotemporal upregulation of ephrin-A2 in the mouse hippocampus after transections of the perforant path. FEBS Letters, 2005, 579, 1055-1060.	1.3	5
681	Memory inhibition and energy regulation. Physiology and Behavior, 2005, 86, 731-746.	1.0	159
682	Inflammation in areas of remote changes following focal brain lesion. Progress in Neurobiology, 2005, 75, 342-365.	2.8	154
683	Cholinergic modulation of the spatiotemporal pattern of hippocampal activity in vitro. Neuropharmacology, 2005, 48, 118-133.	2.0	17
684	Polysynaptic olfactory pathway to the ipsi- and contralateral entorhinal cortex mediated via the hippocampus. Neuroscience, 2005, 130, 249-258.	1.1	34
685	Caspase 6 expression in the rat hippocampus during epileptogenesis and epilepsy. Neuroscience, 2005, 131, 887-897.	1.1	32
686	Postnatal development of intrinsic GABAergic rhythms in mouse hippocampus. Neuroscience, 2005, 134, 107-120.	1.1	25
687	Prolonged translation arrest in reperfused hippocampal cornu Ammonis 1 is mediated by stress granules. Neuroscience, 2005, 134, 1223-1245.	1.1	52
688	Mossy cells and different subpopulations of pyramidal neurons are immunoreactive for cocaine- and amphetamine-regulated transcript peptide in the hippocampal formation of non-human primates and tree shrew (Tupaia belangeri). Neuroscience, 2005, 136, 231-240.	1.1	12
689	Ultrastructural quantification of glutamate receptors at excitatory synapses in hippocampus of synapsin I+II double knock-out mice. Neuroscience, 2005, 136, 769-777.	1.1	12
690	Neuropeptide Y Y5 receptors inhibit kindling acquisition in rats. Regulatory Peptides, 2005, 125, 79-83.	1.9	19
691	NAAG Reduces NMDA Receptor Current in CA1 Hippocampal Pyramidal Neurons of Acute Slices and Dissociated Neurons. Neuropsychopharmacology, 2005, 30, 7-16.	2.8	60
692	Single neurons in the medial prefrontal cortex of the rat exhibit tonic and phasic coding during trace fear conditioning Behavioral Neuroscience, 2005, 119, 1496-1510.	0.6	161
693	A Hierarchy of Associations in Hippocampo-Cortical Systems: Cognitive Maps and Navigation Strategies. Neural Computation, 2005, 17, 1339-1384.	1.3	52
694	High-Resolution Multitransistor Array Recording of Electrical Field Potentials in Cultured Brain Slices. Journal of Neurophysiology, 2006, 96, 1638-1645.	0.9	137

#	Article	IF	CITATIONS
695	Manganese-enhanced magnetic resonance imaging of mossy fiber plasticity in vivo. NeuroImage, 2006, 30, 130-135.	2.1	53
696	Structural insights from high-resolution diffusion tensor imaging and tractography of the isolated rat hippocampus. NeuroImage, 2006, 32, 1499-1509.	2.1	69
697	A Pharmacological Model for Psychosis Based on N-methyl-D-aspartate Receptor Hypofunction: Molecular, Cellular, Functional and Behavioral Abnormalities. Biological Psychiatry, 2006, 59, 721-729.	0.7	219
698	Unraveling the complexities of neurogenesis to guide development of CNS therapeutics. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 495-501.	0.5	4
699	Brain-Implantable Biomimetic Electronics as Neural Prostheses to Restore Lost Cognitive Function. , 0, , 309-336.		0
700	Neurotoxic lesions of the dorsal and ventral hippocampus impair acquisition and expression of trace-conditioned fear-potentiated startle in rats. Behavioural Brain Research, 2006, 168, 289-298.	1.2	24
701	Connections of the subiculum of the rat: Topography in relation to columnar and laminar organization. Behavioural Brain Research, 2006, 174, 251-264.	1.2	132
702	Microinjection of procaine and electrolytic lesion in the ventral tegmental area suppresses hippocampal theta rhythm in urethane-anesthetized rats. Brain Research Bulletin, 2006, 68, 295-309.	1.4	24
703	The role of synaptic reorganization in mesial temporal lobe epilepsy. Epilepsy and Behavior, 2006, 8, 483-493.	0.9	79
704	A computational theory of hippocampal function, and empirical tests of the theory. Progress in Neurobiology, 2006, 79, 1-48.	2.8	557
705	Temporal Encoding of Place Sequences by Hippocampal Cell Assemblies. Neuron, 2006, 50, 145-157.	3.8	840
706	Integration and Segregation of Activity in Entorhinal-Hippocampal Subregions by Neocortical Slow Oscillations. Neuron, 2006, 52, 871-882.	3.8	437
707	Molecular heterogeneity along the dorsal–ventral axis of the murine hippocampal CA1 field: a microarray analysis of gene expression. Neuroscience, 2006, 137, 177-186.	1.1	72
708	Coupling energy metabolism with a mechanism to support brain-derived neurotrophic factor-mediated synaptic plasticity. Neuroscience, 2006, 139, 1221-1234.	1.1	141
709	Differential expression of NMDA and AMPA receptor subunits in rat dorsal and ventral hippocampus. Neuroscience, 2006, 140, 163-175.	1.1	78
710	Chronic restraint stress induces changes in synapse morphology in stratum lacunosum-moleculare CA1 rat hippocampus: A stereological and three-dimensional ultrastructural study. Neuroscience, 2006, 140, 597-606.	1.1	122
711	17β-Estradiol potentiates field excitatory postsynaptic potentials within each subfield of the hippocampus with greatest potentiation of the associational/commissural afferents of CA3. Neuroscience, 2006, 141, 391-406.	1.1	38

#	Article	IF	CITATIONS
713	Centella asiatica (L.) Leaf Extract Treatment During the Growth Spurt Period Enhances Hippocampal CA3 Neuronal Dendritic Arborization in Rats. Evidence-based Complementary and Alternative Medicine, 2006, 3, 349-357.	0.5	68
714	Initiation and Propagation of Neuronal Coactivation in the Developing Hippocampus. Journal of Neurophysiology, 2006, 95, 552-561.	0.9	19
716	The fetal hypothalamic–pituitary–adrenal axis: relevance to developmental origins of health and disease. , 2006, , 191-205.		4
717	The Neurodynamics of the Hippocampal Place Fields. , 0, , .		0
718	Acute behavioural stress facilitates long-term depression in temporoammonic-CA1 pathway. NeuroReport, 2006, 17, 753-757.	0.6	8
719	Elements of a neurobiological theory of hippocampal function: the role of synaptic plasticity, synaptic tagging and schemas. European Journal of Neuroscience, 2006, 23, 2829-2846.	1.2	352
720	Electroconvulsive seizure increases adult hippocampal angiogenesis in rats. European Journal of Neuroscience, 2006, 24, 819-828.	1.2	51
721	Status Epilepticus in 12-day-old Rats Leads to Temporal Lobe Neurodegeneration and Volume Reduction: A Histologic and MRI Study. Epilepsia, 2006, 47, 479-488.	2.6	74
722	Anatomical Organization of the Parahippocampalâ€Hippocampal Network. Annals of the New York Academy of Sciences, 2000, 911, 1-24.	1.8	444
723	Physiology of the Entorhinal and Perirhinal Projections to the Hippocampus Studied by Current Source Density Analysis. Annals of the New York Academy of Sciences, 2000, 911, 55-72.	1.8	37
724	Twoâ€Phase Computational Model Training Longâ€Term Memories in the Entorhinalâ€Hippocampal Region. Annals of the New York Academy of Sciences, 2000, 911, 83-111.	1.8	93
725	Oscillatory Activity in Entorhinal Neurons and Circuits: Mechanisms and Function. Annals of the New York Academy of Sciences, 2000, 911, 127-150.	1.8	86
726	Involvement of Nonâ€Neuronal Cells in Entorhinalâ€Hippocampal Reorganization Following Lesions. Annals of the New York Academy of Sciences, 2000, 911, 192-206.	1.8	49
727	Reciprocal Connections between the Amygdala and the Hippocampal Formation, Perirhinal Cortex, and Postrhinal Cortex in Rat: A Review. Annals of the New York Academy of Sciences, 2000, 911, 369-391.	1.8	756
728	Phase-locking of hippocampal interneurons' membrane potential to neocortical up-down states. Nature Neuroscience, 2006, 9, 1359-1361.	7.1	126
729	Kv7/KCNQ/M-channels in rat glutamatergic hippocampal axons and their role in regulation of excitability and transmitter release. Journal of Physiology, 2006, 576, 235-256.	1.3	118
730	Spontaneous rhythmic field potentials of isolated mouse hippocampal-subicular-entorhinal corticesin vitro. Journal of Physiology, 2006, 576, 457-476.	1.3	32
731	Exercise differentially regulates synaptic proteins associated to the function of BDNF. Brain Research, 2006, 1070, 124-130.	1.1	215

#	Article	IF	CITATIONS
732	Neurone specific regulation of dendritic spines in vivo by post synaptic density 95 protein (PSD-95). Brain Research, 2006, 1090, 89-98.	1.1	66
733	Acute ethanol administration decreases GAP-43 and phosphorylated-GAP-43 in the rat hippocampus. Brain Research, 2006, 1112, 16-25.	1.1	7
734	Effects of formaldehyde exposure on granule cell number and volume of dentate gyrus: A histopathological and stereological study. Brain Research, 2006, 1122, 191-200.	1.1	45
735	Fetal hippocampal CA3 cell grafts enriched with FGF-2 and BDNF exhibit robust long-term survival and integration and suppress aberrant mossy fiber sprouting in the injured middle-aged hippocampus. Neurobiology of Disease, 2006, 21, 276-290.	2.1	45
736	Bidirectional multisite seizure propagation in the intact isolated hippocampus: The multifocality of the seizure "focus― Neurobiology of Disease, 2006, 23, 312-328.	2.1	67
737	Hippocampal volume reduction in 22q11.2 deletion syndrome. Neuropsychologia, 2006, 44, 2360-2365.	0.7	62
738	Lesion-induced gelsolin upregulation in the hippocampus following entorhinal deafferentation. Hippocampus, 2006, 16, 91-100.	0.9	7
739	Entorhinal cortex lesions disrupt fear conditioning to background context but spare fear conditioning to a tone in the rat. Hippocampus, 2006, 16, 114-124.	0.9	45
740	Opiates, psychostimulants, and adult hippocampal neurogenesis: Insights for addiction and stem cell biology. Hippocampus, 2006, 16, 271-286.	0.9	169
741	A functional hypothesis for adult hippocampal neurogenesis: Avoidance of catastrophic interference in the dentate gyrus. Hippocampus, 2006, 16, 329-343.	0.9	259
742	Endocannabinoid-Mediated Depolarization-Induced Suppression of Inhibition in Hilar Mossy Cells of the Rat Dentate Gyrus. Journal of Neurophysiology, 2006, 96, 2501-2512.	0.9	23
743	Dissociable Neural Mechanisms for Encoding Predictable and Unpredictable Events. Journal of Cognitive Neuroscience, 2006, 18, 1120-1132.	1.1	25
744	Capture of the Late Phase of Long-Term Potentiation within and across the Apical and Basilar Dendritic Compartments of CA1 Pyramidal Neurons: Synaptic Tagging Is Compartment Restricted. Journal of Neuroscience, 2006, 26, 256-264.	1.7	64
745	Lag synchrony measures dynamical processes underlying progression of seizure states. Physical Review E, 2006, 73, 021910.	0.8	5
746	The Neurodynamics of the Hippocampal Place Fields. , 2006, , .		0
747	Learning-Related Development of Context-Specific Neuronal Responses to Places and Events: The Hippocampal Role in Context Processing. Journal of Neuroscience, 2006, 26, 3154-3163.	1.7	211
748	HCN1 Channels Control Resting and Active Integrative Properties of Stellate Cells from Layer II of the Entorhinal Cortex. Journal of Neuroscience, 2007, 27, 12440-12451.	1.7	175
749	Activity-dependent Regulation of h Channel Distribution in Hippocampal CA1 Pyramidal Neurons. Journal of Biological Chemistry, 2007, 282, 33168-33180.	1.6	71

#	Article	IF	CITATIONS
750	Neuronal Diversity in GABAergic Long-Range Projections from the Hippocampus. Journal of Neuroscience, 2007, 27, 8790-8804.	1.7	304
751	Coincidence Detection of Place and Temporal Context in a Network Model of Spiking Hippocampal Neurons. PLoS Computational Biology, 2007, 3, e234.	1.5	29
752	Toward an Integrative Perspective on Hippocampal Function: From the Rapid Encoding of Experience to Adaptive Behavior. Reviews in the Neurosciences, 2007, 18, 253-81.	1.4	125
753	Presynaptic Inhibition of Excitatory Afferents to Hilar Mossy Cells. Journal of Neurophysiology, 2007, 97, 4036-4047.	0.9	15
754	Synaptic alterations in CA1 in mild Alzheimer disease and mild cognitive impairment. Neurology, 2007, 68, 1501-1508.	1.5	676
755	Structural reorganization of the dentate gyrus following entorhinal denervation: species differences between rat and mouse. Progress in Brain Research, 2007, 163, 501-528.	0.9	39
756	The CA3 network as a memory store for spatial representations. Learning and Memory, 2007, 14, 732-744.	0.5	50
758	Intrinsic and extrinsic wiring of CA3: Indications for connectional heterogeneity. Learning and Memory, 2007, 14, 705-713.	0.5	193
759	An Olfacto-Hippocampal Network Is Dynamically Involved in Odor-Discrimination Learning. Journal of Neurophysiology, 2007, 98, 2196-2205.	0.9	191
760	A Role for Synaptic Inputs at Distal Dendrites: Instructive Signals for Hippocampal Long-Term Plasticity. Neuron, 2007, 56, 866-879.	3.8	175
761	Antiepileptic drugs and muscarinic receptor-dependent excitation in the rat subiculum. Neuropharmacology, 2007, 52, 1291-1302.	2.0	13
762	Short-term exposure to an enriched environment enhances dendritic branching but not brain-derived neurotrophic factor expression in the hippocampus of rats with ventral subicular lesions. Neuroscience, 2007, 144, 412-423.	1.1	67
763	The select action of hippocampal calcium calmodulin protein kinase II in mediating exercise-enhanced cognitive function. Neuroscience, 2007, 144, 825-833.	1.1	86
764	Early-onset subicular microvascular amyloid and neuroinflammation correlate with behavioral deficits in vasculotropic mutant amyloid β-protein precursor transgenic mice. Neuroscience, 2007, 146, 98-107.	1.1	82
765	Cholinergic suppression of glutamatergic synaptic transmission in hippocampal region CA3 exhibits laminar selectivity: Implication for hippocampal network dynamics. Neuroscience, 2007, 149, 760-767.	1.1	37
766	Distinct ventral and dorsal hippocampus AP5 anxiolytic effects revealed in the elevated plus-maze task in rats. Neurobiology of Learning and Memory, 2007, 88, 177-185.	1.0	59
767	Novel two-dimensional morphometric maps and quantitative analysis reveal marked growth and structural recovery of the rat hippocampal regions from early hypothyroid retardation. Experimental Neurology, 2007, 204, 541-555.	2.0	10
768	Marked recovery of functional metabolic activity and laminar volumes in the rat hippocampus and dentate gyrus following postnatal hypothyroid growth retardation: A quantitative cytochrome oxidase study. Experimental Neurology, 2007, 204, 556-568.	2.0	14

#	Article	IF	CITATIONS
769	The protective effect of fish n-3 fatty acids on cerebral ischemia in rat hippocampus. Neurochemistry International, 2007, 50, 548-554.	1.9	95
770	Long-term study of dendritic spines from hippocampal CA1 pyramidal cells, after neuroprotective melatonin treatment following global cerebral ischemia in rats. Neuroscience Letters, 2007, 423, 162-166.	1.0	49
771	The tracing study of developing entorhinoâ€hippocampal pathway. International Journal of Developmental Neuroscience, 2007, 25, 251-258.	0.7	26
772	The perforant path: projections from the entorhinal cortex to the dentate gyrus. Progress in Brain Research, 2007, 163, 43-61.	0.9	293
773	The dentate mossy fibers: structural organization, development and plasticity. Progress in Brain Research, 2007, 163, 85-803.	0.9	38
775	Extrinsic afferent systems to the dentate gyrus. Progress in Brain Research, 2007, 163, 63-799.	0.9	96
776	Comparative anatomy of the hippocampal dentate gyrus in adult and developing rodents, non-human primates and humans. Progress in Brain Research, 2007, 163, 23-798.	0.9	60
777	Plastic processes in the dentate gyrus: a computational perspective. Progress in Brain Research, 2007, 163, 417-451.	0.9	20
778	The CA3 "backprojection―to the dentate gyrus. Progress in Brain Research, 2007, 163, 627-637.	0.9	202
779	The dentate gyrus as a filter or gate: a look back and a look ahead. Progress in Brain Research, 2007, 163, 601-613.	0.9	159
780	Models, structure, function: the transformation of cortical signals in the dentate gyrus. Progress in Brain Research, 2007, 163, 577-599.	0.9	93
781	An attractor network in the hippocampus: Theory and neurophysiology. Learning and Memory, 2007, 14, 714-731.	0.5	197
782	Local Generation of Theta-Frequency EEG Activity in the Parasubiculum. Journal of Neurophysiology, 2007, 97, 3868-3879.	0.9	43
783	Dendritic right/left asymmetries in the neurons of the human hippocampal formation: a quantitative Golgi study. Arquivos De Neuro-Psiquiatria, 2007, 65, 1105-1113.	0.3	8
784	Hippocampal Neurons. , 2007, , 311-320.		0
785	Roles of learning and motivation in preference behavior: Mediation by entorhinal cortex, dorsal and ventral hippocampus. Hippocampus, 2007, 17, 147-160.	0.9	13
786	A navigational guidance system in the human brain. Hippocampus, 2007, 17, 618-626.	0.9	187
787	Space and context in the temporal cortex. Hippocampus, 2007, 17, 813-825.	0.9	20

#	Article	IF	CITATIONS
788	Integration of the sensory inputs to place cells: What, where, why, and how?. Hippocampus, 2007, 17, 775-785.	0.9	101
789	Which computational mechanisms operate in the hippocampus during novelty detection?. Hippocampus, 2007, 17, 735-748.	0.9	167
790	Evidence for a specific role of the anterior hippocampal region in successful associative encoding. Hippocampus, 2007, 17, 1071-1080.	0.9	150
791	Network dynamics of hippocampal cellâ€assemblies resemble multiple spatial maps within single tasks. Hippocampus, 2007, 17, 1209-1229.	0.9	109
792	Reactive plasticity in the dentate gyrus following bilateral entorhinal cortex lesions in cynomolgus monkeys. Journal of Comparative Neurology, 2007, 502, 192-201.	0.9	12
793	Synaptic reorganization in subiculum and CA3 after early-life status epilepticus in the kainic acid rat model. Epilepsy Research, 2007, 73, 156-165.	0.8	38
794	Extrasynaptic and synaptic NMDA receptors form stable and uniform pools in rat hippocampal slices. Journal of Physiology, 2007, 584, 509-519.	1.3	156
795	Adult hippocampal neurogenesis in depression. Nature Neuroscience, 2007, 10, 1110-1115.	7.1	1,041
796	Genome-wide atlas of gene expression in the adult mouse brain. Nature, 2007, 445, 168-176.	13.7	4,863
797	Low-frequency stimulation of the direct cortical input to area CA1 induces homosynaptic LTD and heterosynaptic LTP in the rat hippocampal-entorhinal cortex slice preparation. European Journal of Neuroscience, 2007, 25, 251-258.	1.2	32
798	Acute and longâ€term effects of MKâ€801 on direct cortical input evoked homosynaptic and heterosynaptic plasticity in the CA1 region of the female rat. European Journal of Neuroscience, 2007, 26, 2873-2883.	1.2	27
799	Prenatal stress induces learning deficits and is associated with a decrease in granules and CA3 cell dendritic tree size in rat hippocampus. Anatomical Science International, 2007, 82, 211-217.	0.5	59
800	Endogenous N-acetylaspartylglutamate reduced NMDA receptor-dependent current neurotransmission in the CA1 area of the hippocampus. Journal of Neurochemistry, 2007, 100, 346-357.	2.1	37
801	Effects of postnatal formaldehyde exposure on pyramidal cell number, volume of cell layer in hippocampus and hemisphere in the rat: A stereological study. Brain Research, 2007, 1145, 157-167.	1.1	33
802	Modeling L-LTP based on changes in concentration of pCREB transcription factor. Neurocomputing, 2007, 70, 2035-2040.	3.5	15
803	Interactions between the Orbitofrontal Cortex and the Hippocampal Memory System during the Storage of Long-Term Memory. Annals of the New York Academy of Sciences, 2007, 1121, 216-231.	1.8	42
804	Using immediate-early genes to map hippocampal subregional functions. Learning and Memory, 2007, 14, 758-770.	0.5	229
805	Differential response to ischemia in adjacent hippocampalsectors: neuronal death in CA1versus neurogenesis in dentate gyrus. Biotechnology Journal, 2007, 2, 596-607.	1.8	29

# 806	ARTICLE Dynamics of Hippocampal-Cortical Interactions During Memory Consolidation: Insights from Functional Brain Imaging. Research and Perspectives in Neurosciences, 2007, , 19-39.	IF 0.4	Citations
807	The dentate gyrus: fundamental neuroanatomical organization (dentate gyrus for dummies). Progress in Brain Research, 2007, 163, 3-790.	0.9	633
808	The GABAA receptor-mediated recurrent inhibition in ventral compared with dorsal CA1 hippocampal region is weaker, decays faster and lasts less. Experimental Brain Research, 2007, 177, 370-383.	0.7	27
809	The rodent hippocampus and spatial memory: from synapses to systems. Cellular and Molecular Life Sciences, 2007, 64, 401-431.	2.4	143
810	Three-dimensional reconstruction of the axon arbor of a CA3 pyramidal cell recorded and filled in vivo. Brain Structure and Function, 2007, 212, 75-83.	1.2	115
811	Conditions required for the appearance of double responses in hippocampal field CA1 to application of single stimuli to ShAffer collaterals in freely moving rats. Neuroscience and Behavioral Physiology, 2008, 38, 313-321.	0.2	2
812	Cholinergic and glutamatergic alterations beginning at the early stages of Alzheimer disease: participation of the phospholipase A2 enzyme. Psychopharmacology, 2008, 198, 1-27.	1.5	82
813	Selective death of newborn neurons in hippocampal dentate gyrus following moderate experimental traumatic brain injury. Journal of Neuroscience Research, 2008, 86, 2258-2270.	1.3	113
814	Intrinsic connections of the macaque monkey hippocampal formation: I. Dentate gyrus. Journal of Comparative Neurology, 2008, 511, 497-520.	0.9	35
815	Calretinin expression in hilar mossy cells of the hippocampal dentate gyrus of nonhuman primates and humans. Hippocampus, 2008, 18, 425-434.	0.9	24
816	A glue-based, screw-free method for implantation of intra-cranial electrodes in young mice. Journal of Neuroscience Methods, 2008, 171, 126-131.	1.3	38
817	Synapse-specific stabilization of plasticity processes: The synaptic tagging and capture hypothesis revisited 10 years later. Neuroscience and Biobehavioral Reviews, 2008, 32, 831-851.	2.9	66
818	The medial temporal lobe and visual working memory: Comparisons across tasks, delays, and visual similarity. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 32-40.	1.0	64
819	Downregulation of Hippocampal Adenosine Kinase after Focal Ischemia as Potential Endogenous Neuroprotective Mechanism. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 17-23.	2.4	80
820	Spread of ictal activity in focal epilepsy. Epilepsia, 2008, 49, 1594-1601.	2.6	41
821	Sustained saturating level of glycine induces changes in NR2B ontainingâ€NMDA receptor localization in the CA1 region of the hippocampus. Journal of Neurochemistry, 2008, 105, 2454-2465.	2.1	23
822	The topography of activity transmission between lateral entorhinal cortex and subfield CA1 of the hippocampus. European Journal of Neuroscience, 2008, 27, 3257-3272.	1.2	4
823	Temporally structured replay of neural activity in a model of entorhinal cortex, hippocampus and postsubiculum. European Journal of Neuroscience, 2008, 28, 1301-1315.	1.2	34

#	Article	IF	CITATIONS
824	Brainâ€derived neurotrophic factor functions as a metabotrophin to mediate the effects of exercise on cognition. European Journal of Neuroscience, 2008, 28, 2278-2287.	1.2	297
825	Facilitatory effects of subanesthetic sevoflurane on excitatory synaptic transmission and synaptic plasticity in the mouse hippocampal CA1 area. Brain Research, 2008, 1197, 32-39.	1.1	14
826	Pyramidal neurons in the septal and temporal CA1 field of the human and hedgehog tenrec hippocampus. Brain Research, 2008, 1218, 35-46.	1.1	5
827	Ginsenoside Rg1 protects neurons from hypoxic–ischemic injury possibly by inhibiting Ca2+ influx through NMDA receptors and L-type voltage-dependent Ca2+ channels. European Journal of Pharmacology, 2008, 586, 90-99.	1.7	64
828	Computational Models of Hippocampal Functions. , 2008, , 641-665.		6
829	Connectionist Memory Models of Hippocampal Function. , 2008, , 681-700.		1
831	Differential pharmacological properties of GABAA/benzodiazepine receptor complex in dorsal compared to ventral rat hippocampus. Neurochemistry International, 2008, 52, 1019-1029.	1.9	18
832	The length of hippocampal cholinergic fibers is reduced in the aging brain. Neurobiology of Aging, 2008, 29, 1666-1679.	1.5	45
833	Impaired Spatial Representation in CA1 after Lesion of Direct Input from Entorhinal Cortex. Neuron, 2008, 57, 290-302.	3.8	323
834	Tuning of Synaptic Integration in the Medial Entorhinal Cortex to the Organization of Grid Cell Firing Fields. Neuron, 2008, 60, 875-889.	3.8	153
835	Genomic Anatomy of the Hippocampus. Neuron, 2008, 60, 1010-1021.	3.8	337
836	Input-specific plasticity at excitatory synapses mediated by endocannabinoids in the dentate gyrus. Neuropharmacology, 2008, 54, 68-78.	2.0	55
837	Serotonin transporter transgenic (SERTcre) mouse line reveals developmental targets of serotonin specific reuptake inhibitors (SSRIs). Neuropharmacology, 2008, 55, 994-1005.	2.0	126
838	Abnormal axonal guidance and brain anatomy in mouse mutants for the cell recognition molecules close homolog of L1 and NgCAM-related cell adhesion molecule. Neuroscience, 2008, 155, 221-233.	1.1	43
839	Hippocampal damage impairs long-term spatial memory in rats: Comparison between electrolytic and neurotoxic lesions. Physiology and Behavior, 2008, 93, 1078-1085.	1.0	9
840	Understanding memory through hippocampal remapping. Trends in Neurosciences, 2008, 31, 469-477.	4.2	361
841	Lesions of the entorhinal cortex or fornix disrupt the context-dependence of fear extinction in rats. Behavioural Brain Research, 2008, 194, 201-206.	1.2	30
842	Enhancement of Hippocampal CA3 Neuronal Dendritic Arborization by Centella asiatica (Linn) Fresh Leaf Extract Treatment in Adult Rats. Journal of the Chinese Medical Association, 2008, 71, 6-13.	0.6	38

	CITATION	CITATION REPORT	
#	Article	IF	CITATIONS
843	Pattern Separation in the Human Hippocampal CA3 and Dentate Gyrus. Science, 2008, 319, 1640-1642.	6.0	857
844	Finite Scale of Spatial Representation in the Hippocampus. Science, 2008, 321, 140-143.	6.0	562
845	The Hippocampal CA1 Region and Dentate Gyrus Differentiate between Environmental and Spatial Feature Encoding through Long-Term Depression. Cerebral Cortex, 2008, 18, 968-977.	1.6	134
846	Adult Neurogenesis, Mental Health, and Mental Illness: Hope or Hype?: Figure 1 Journal of Neuroscience, 2008, 28, 11785-11791.	1.7	225
847	Differential roles for hippocampal areas CA1 and CA3 in the contextual encoding and retrieval of extinguished fear. Learning and Memory, 2008, 15, 244-251.	0.5	171
848	Novel Trends in Brain Science. , 2008, , .		1
849	Chapter 4.2 The primate hippocampus and episodic memory. Handbook of Behavioral Neuroscience, 2008, , 417-626.	0.7	29
850	Neurotoxic lesions of retrosplenial cortex disrupt signaled and unsignaled contextual fear conditioning Behavioral Neuroscience, 2008, 122, 1070-1077.	0.6	109
851	Dissociating the roles of dorsal and ventral CA1 for the temporal processing of spatial locations, visual objects, and odors Behavioral Neuroscience, 2008, 122, 643-650.	0.6	112
852	Chapter 1.5 The attributes of episodic memory processing. Handbook of Behavioral Neuroscience, 2008, , 57-79.	0.7	1
853	A brain system for declarative memory. , 0, , 265-298.		1
854	On crucial roles of hippocampal NMDA receptors in acquisition and recall of associative memory. , 0, , 326-356.		0
855	Conductances Mediating Intrinsic Theta-Frequency Membrane Potential Oscillations in Layer II Parasubicular Neurons. Journal of Neurophysiology, 2008, 100, 2746-2756.	0.9	17
856	Microelectrode-based Epilepsy Therapy. , 2008, , 559-XXIV.		0
857	Navigation and Episodic-Like Memory in Mammals. , 2008, , 385-417.		2
858	Linking Cellular Mechanisms to Behavior: Entorhinal Persistent Spiking and Membrane Potential Oscillations May Underlie Path Integration, Grid Cell Firing, and Episodic Memory. Neural Plasticity, 2008, 2008, 1-12.	1.0	56
859	Sources of the spatial code within the hippocampus. F1000 Biology Reports, 2009, 1, 3.	4.0	1
860	NETWORKS Network Interactions in the Limbic System and Epileptiform Synchronization. , 2009, , 830-836.		0

#	Article	IF	CITATIONS
861	Ablation of NMDA Receptors Enhances the Excitability of Hippocampal CA3 Neurons. PLoS ONE, 2009, 4, e3993.	1.1	35
862	Pharmacological intervention of hippocampal CA3 NMDA receptors impairs acquisition and long-term memory retrieval of spatial pattern completion task. Learning and Memory, 2009, 16, 387-394.	O.5	32
863	Aneuploidy: From a Physiological Mechanism of Variance to Down Syndrome. Physiological Reviews, 2009, 89, 887-920.	13.1	106
864	D ₁ /D ₅ Modulation of Synaptic NMDA Receptor Currents. Journal of Neuroscience, 2009, 29, 3109-3119.	1.7	43
865	Reorganization of Inhibitory Synapses and Increased PSD Length of Perforated Excitatory Synapses in Hippocampal Area CA1 of Dystrophin-Deficient mdx Mice. Cerebral Cortex, 2009, 19, 876-888.	1.6	60
866	Survival of mossy cells of the hippocampal dentate gyrus in humans with mesial temporal lobe epilepsy. Journal of Neurosurgery, 2009, 111, 1237-1247.	0.9	23
867	From Rapid Place Learning to Behavioral Performance: A Key Role for the Intermediate Hippocampus. PLoS Biology, 2009, 7, e1000089.	2.6	151
868	Social memory in mice: Disruption with an NMDA antagonist and attenuation with antipsychotic drugs. Pharmacology Biochemistry and Behavior, 2009, 92, 236-242.	1.3	40
869	Exercise-induced improvement in cognitive performance after traumatic brain injury in rats is dependent on BDNF activation. Brain Research, 2009, 1288, 105-115.	1.1	233
870	Developmental changes in shortâ€ŧerm facilitation are opposite at temporoammonic synapses compared to Schaffer collateral synapses onto CA1 pyramidal cells. Hippocampus, 2009, 19, 187-204.	0.9	49
871	A role for hilar cells in pattern separation in the dentate gyrus: A computational approach. Hippocampus, 2009, 19, 321-337.	0.9	162
872	Excitability changes within transverse lamellae of dentate granule cells and their longitudinal spread following orthodromic or antidromic activation. Hippocampus, 2009, 19, 633-648.	0.9	15
873	Naturalistic stimulus trains evoke reproducible subicular responses both within and between animals in vivo. Hippocampus, 2010, 20, 252-263.	0.9	0
875	Stereological estimation of numerical densities of glutamatergic principal neurons in the mouse hippocampus. Hippocampus, 2010, 20, 829-840.	0.9	71
876	Intrinsic connections of the macaque monkey hippocampal formation: II. CA3 connections. Journal of Comparative Neurology, 2009, 515, 349-377.	0.9	58
877	Quantitative morphometry of electrophysiologically identified CA3b interneurons reveals robust local geometry and distinct cell classes. Journal of Comparative Neurology, 2009, 515, 677-695.	0.9	33
878	A review of current applications of mass spectrometry for neuroproteomics in epilepsy. Mass Spectrometry Reviews, 2010, 29, 197-246.	2.8	14
879	Robust path integration in the entorhinal grid cell system with hippocampal feed-back. Biological Cybernetics, 2009, 101, 19-34.	0.6	23

#	Article	IF	CITATIONS
880	Borna disease virus infection alters synaptic input of neurons in rat dentate gyrus. Cell and Tissue Research, 2009, 338, 179-190.	1.5	6
881	The NMDAR Subunit NR2B Expression is Modified in Hippocampus after Repetitive Seizures. Neurochemical Research, 2009, 34, 819-826.	1.6	21
882	Roles of the hippocampal formation in pain information processing. Neuroscience Bulletin, 2009, 25, 237-266.	1.5	139
883	IGF-1 and pAKT Signaling Promote Hippocampal CA1 Neuronal Survival Following Injury to Dentate Granule Cells. Neurotoxicity Research, 2009, 16, 280-292.	1.3	42
884	What is remembered? Role of attention on the encoding and retrieval of hippocampal representations. Journal of Physiology, 2009, 587, 2837-2854.	1.3	103
885	Mechanisms of distribution of mouse β-galactosidase in the adult GM1-gangliosidosis brain. Gene Therapy, 2009, 16, 303-308.	2.3	30
886	Self-generated theta oscillations in the hippocampus. Nature Neuroscience, 2009, 12, 1491-1493.	7.1	252
887	AMELIORATIVE EFFECTS OF HISTAMINE ON SPATIAL MEMORY DEFICITS INDUCED BY SCOPOLAMINE INFUSION INTO BILATERAL DORSAL OR VENTRAL HIPPOCAMPUS AS EVALUATED BY THE RADIAL ARM MAZE TASK. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 816-821.	0.9	18
888	Synaptic plasticity and the analysis of the field-EPSP as well as the population spike using separate recording electrodes in the dentate gyrus in freely moving rats. Journal of Neuroscience Methods, 2009, 184, 79-87.	1.3	10
889	Incidental (unreinforced) and reinforced spatial learning in rats with ventral and dorsal lesions of the hippocampus. Behavioural Brain Research, 2009, 202, 64-70.	1.2	32
890	The hippocampal rate code: anatomy, physiology and theory. Trends in Neurosciences, 2009, 32, 329-338.	4.2	103
891	Capacity-Enhancing Synaptic Learning Rules in a Medial Temporal Lobe Online Learning Model. Neuron, 2009, 62, 31-41.	3.8	53
892	Hippocampal CA3 Output Is Crucial for Ripple-Associated Reactivation and Consolidation of Memory. Neuron, 2009, 62, 781-787.	3.8	239
893	Synapse Distribution Suggests a Two-Stage Model of Dendritic Integration in CA1 Pyramidal Neurons. Neuron, 2009, 63, 171-177.	3.8	148
894	Theta Oscillations Provide Temporal Windows forÂLocal Circuit Computation in the Entorhinal-Hippocampal Loop. Neuron, 2009, 64, 267-280.	3.8	611
895	A model of episodic memory: Mental time travel along encoded trajectories using grid cells. Neurobiology of Learning and Memory, 2009, 92, 559-573.	1.0	134
896	The role of kisspeptin and GPR54 in the hippocampus. Peptides, 2009, 30, 16-25.	1.2	44
897	Dentate gyrus and spatial behaviour. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 762-773.	2.5	59

#	Article	IF	CITATIONS
898	Cortical hyperexcitability and epileptogenesis: Understanding the mechanisms of epilepsy - Part 2. Journal of Clinical Neuroscience, 2009, 16, 485-500.	0.8	46
899	A genetic rat model of depression, Flinders sensitive line, has a lower density of 5-HT1A receptors, but a higher density of 5-HT1B receptors, compared to control rats. Neurochemistry International, 2009, 54, 299-307.	1.9	46
900	Heterogeneity of microglia and TNF signaling as determinants for neuronal death or survival. NeuroToxicology, 2009, 30, 785-793.	1.4	88
901	The role of altered tissue osmolality on the characteristics and propagation of seizure activity in the intact isolated mouse hippocampus. Clinical Neurophysiology, 2009, 120, 673-678.	0.7	13
902	Antidepressants increase neural progenitor cells in the human hippocampus. Neuropsychopharmacology, 2009, 34, 2376-2389.	2.8	588
903	Nociception-Induced Spatial and Temporal Plasticity of Synaptic Connection and Function in the Hippocampal Formation of Rats: a Multi-Electrode Array Recording. Molecular Pain, 2009, 5, 1744-8069-5-55.	1.0	52
904	Animal Models of Epilepsy. Neuromethods, 2009, , .	0.2	4
905	Assessing cortico-hippocampal functional connectivity under anesthesia and kainic acid using generalized partial directed coherence. Biological Cybernetics, 2010, 102, 327-340.	0.6	31
906	Damage to Neurons and Oligodendrocytes in the Hippocampal CA1 Sector after Transient Focal Ischemia in Rats. Cellular and Molecular Neurobiology, 2010, 30, 1125-1134.	1.7	32
907	Spatial coherence and stationarity of local field potentials in an isolated whole hippocampal preparation in vitro. Journal of Computational Neuroscience, 2010, 29, 521-532.	0.6	Ο
908	Acetylcholinesterase inhibition in cognition-relevant brain areas of mice treated with a nootropic Amazonian herbal (Marapuama). Phytomedicine, 2010, 17, 956-962.	2.3	18
909	Transformation of inputs in a model of the rat hippocampal CA1 network. BMC Neuroscience, 2010, 11, .	0.8	1
910	Osthole improves chronic cerebral hypoperfusion induced cognitive deficits and neuronal damage in hippocampus. European Journal of Pharmacology, 2010, 636, 96-101.	1.7	88
911	Muscarinic receptor activation modulates the excitability of hilar mossy cells through the induction of an afterdepolarization. Brain Research, 2010, 1318, 42-51.	1.1	17
912	The entorhinal cortex, but not the dorsal hippocampus, is necessary for single ue latent learning. Hippocampus, 2010, 20, 1061-1071.	0.9	8
913	Caffeine prevents sleep lossâ€induced deficits in longâ€term potentiation and related signaling molecules in the dentate gyrus. European Journal of Neuroscience, 2010, 31, 1368-1376.	1.2	70
914	Multiâ€array silicon probes with integrated optical fibers: lightâ€assisted perturbation and recording of local neural circuits in the behaving animal. European Journal of Neuroscience, 2010, 31, 2279-2291.	1.2	222
915	Stability of subicular place fields across multiple light and dark transitions. European Journal of Neuroscience, 2010, 32, 648-658.	1.2	32

#	Article	IF	CITATIONS
917	Tomosyn Expression Pattern in the Mouse Hippocampus Suggests Both Presynaptic and Postsynaptic Functions. Frontiers in Neuroanatomy, 2010, 4, 149.	0.9	24
918	Arc/Arg3.1 mRNA global expression patterns elicited by memory recall in cerebral cortex differ for remote versus recent spatial memories. Frontiers in Integrative Neuroscience, 2010, 4, 15.	1.0	19
919	Vocalization Induced CFos Expression in Marmoset Cortex. Frontiers in Integrative Neuroscience, 2010, 4, 128.	1.0	39
920	Endocannabinoids Differentially Modulate Synaptic Plasticity in Rat Hippocampal CA1 Pyramidal Neurons. PLoS ONE, 2010, 5, e10306.	1.1	33
921	Temporal Lobe and Object Recognition. , 2010, , 375-382.		3
922	Experimental Mild Traumatic Brain Injury Induces Functional Alteration of the Developing Hippocampus. Journal of Neurophysiology, 2010, 103, 499-510.	0.9	42
923	Directional Coupling From the Olfactory Bulb to the Hippocampus During a Go/No-Go Odor Discrimination Task. Journal of Neurophysiology, 2010, 103, 2633-2641.	0.9	62
924	Distinct roles for dorsal CA3 and CA1 in memory for sequential nonspatial events. Learning and Memory, 2010, 17, 12-17.	0.5	110
925	Undernutrition during the gestation and suckling periods does not cause any loss of pyramidal neurons in the CA2–CA3 region of the rat hippocampus. Nutritional Neuroscience, 2010, 13, 102-108.	1.5	9
926	Intrinsic Circuit Organization and Theta–Gamma Oscillation Dynamics in the Entorhinal Cortex of the Rat. Journal of Neuroscience, 2010, 30, 11128-11142.	1.7	433
927	Proper Layering Is Important for Precisely Timed Activation of Hippocampal Mossy Cells. Cerebral Cortex, 2010, 20, 2043-2054.	1.6	19
928	Encoding of Spatio-Temporal Input Characteristics by a CA1 Pyramidal Neuron Model. PLoS Computational Biology, 2010, 6, e1001038.	1.5	22
929	Increase in the density of resting microglia precedes neuritic plaque formation and microglial activation in a transgenic model of Alzheimer's disease. Cell Death and Disease, 2010, 1, e1-e1.	2.7	91
930	Role of Estrogen in Regulation of Morphology and Synaptic Connectivity in Female Rat Subiculum. Journal of the Anatomical Society of India, 2010, 59, 144-149.	0.1	5
931	The Episodic Memory System: Neurocircuitry and Disorders. Neuropsychopharmacology, 2010, 35, 86-104.	2.8	488
932	Diffusion tensor changes in epileptogenic hippocampus of TLE patients. Neurophysiologie Clinique, 2010, 40, 151-157.	1.0	21
933	The right parahippocampal gyrus contributes to the formation and maintenance of bound information in working memory. Brain and Cognition, 2010, 72, 255-263.	0.8	83
934	A computational theory of episodic memory formation in the hippocampus. Behavioural Brain Research, 2010, 215, 180-196.	1.2	215

#	Article	IF	CITATIONS
935	The role of hippocampal subregions in memory for stimulus associations. Behavioural Brain Research, 2010, 215, 275-291.	1.2	132
936	Influence of environmental enrichment on an object recognition task in CF1 mice. Physiology and Behavior, 2010, 99, 17-21.	1.0	29
937	The expression of non-clustered protocadherins in adult rat hippocampal formation and the connecting brain regions. Neuroscience, 2010, 170, 189-199.	1.1	73
938	The Hippocampal Formation in Schizophrenia. American Journal of Psychiatry, 2010, 167, 1178-1193.	4.0	507
939	Connectivity of the Hippocampus. , 2010, , 5-26.		24
940	A pathophysiological framework of hippocampal dysfunction in ageing and disease. Nature Reviews Neuroscience, 2011, 12, 585-601.	4.9	748
941	Atlas of transgenic Tet-Off Ca2+/calmodulin-dependent protein kinase II and prion protein promoter activity in the mouse brain. NeuroImage, 2011, 54, 2603-2611.	2.1	21
942	Grid cells generate an analog error-correcting code for singularly precise neural computation. Nature Neuroscience, 2011, 14, 1330-1337.	7.1	165
943	c-Jun N-terminal kinases in memory and synaptic plasticity. Reviews in the Neurosciences, 2011, 22, 403-410.	1.4	51
944	Different compartments of apical CA1 dendrites have different plasticity thresholds for expressing synaptic tagging and capture. Learning and Memory, 2011, 18, 327-331.	0.5	28
945	Olfactory Cortex Generates Synchronized Top-Down Inputs to the Olfactory Bulb during Slow-Wave Sleep. Journal of Neuroscience, 2011, 31, 8123-8133.	1.7	59
946	NIH-3T3 fibroblast transplants enhance host regeneration and improve spatial learning in ventral subicular lesioned rats. Behavioural Brain Research, 2011, 218, 315-324.	1.2	13
947	Seizure-induced structural and functional changes in the rat hippocampal formation: Comparison between brief seizures and status epilepticus. Behavioural Brain Research, 2011, 225, 538-546.	1.2	35
948	Transection of CA3 does not affect memory performance in rats. Epilepsy and Behavior, 2011, 21, 267-270.	0.9	6
949	GABAergic synchronization in the limbic system and its role in the generation of epileptiform activity. Progress in Neurobiology, 2011, 95, 104-132.	2.8	222
950	Microcircuits of Functionally Identified Neurons in the Rat Medial Entorhinal Cortex. Neuron, 2011, 70, 773-786.	3.8	129
951	Multiple Forms of Activity-Dependent Competition Refine Hippocampal Circuits InÂVivo. Neuron, 2011, 70, 1128-1142.	3.8	86
952	Role of microcircuit structure and input integration in hippocampal interneuron recruitment and plasticity. Neuropharmacology, 2011, 60, 730-739.	2.0	44

#	Article	IF	CITATIONS
953	Kainate postconditioning restores LTP in ischemic hippocampal CA1: Onset-dependent second pathophysiological stress. Neuropharmacology, 2011, 61, 1026-1032.	2.0	22
954	Lithium pilocarpine-induced status epilepticus in postnatal day 20 rats results in greater neuronal injury in ventral versus dorsal hippocampus. Neuroscience, 2011, 192, 699-707.	1.1	32
955	Chronic variable physical stress during the peripubertal-juvenile period causes differential depressive and anxiogenic effects in the novelty-seeking phenotype: functional implications for hippocampal and amygdalar brain-derived neurotrophic factor and the mossy fibre plasticity. Neuroscience, 2011, 192, 334-344.	1.1	27
956	Endogenous opioid peptides contribute to associative LTP in the hippocampal CA3 region. Neurobiology of Learning and Memory, 2011, 96, 207-217.	1.0	7
957	The role of the dorsal and ventral hippocampus in olfactory working memory. Neurobiology of Learning and Memory, 2011, 96, 361-366.	1.0	47
959	Cognitive consilience: Primate non-primary neuroanatomical circuits underlying cognition. Frontiers in Neuroanatomy, 2011, 5, 65.	0.9	31
960	Potential Synaptic Connectivity of Different Neurons onto Pyramidal Cells in a 3D Reconstruction of the Rat Hippocampus. Frontiers in Neuroinformatics, 2011, 5, 5.	1.3	31
961	Hippocampal synaptic activity, pattern separation and episodic-like memory: implications for mouse models of Alzheimer's disease pathology. Biochemical Society Transactions, 2011, 39, 902-909.	1.6	23
962	Orthogonal wave propagation of epileptiform activity in the planar mouse hippocampus in vitro. Epilepsia, 2011, 52, 1590-1600.	2.6	25
963	Antidepressants recruit new neurons to improve stress response regulation. Molecular Psychiatry, 2011, 16, 1177-1188.	4.1	406
964	The hippocampal learning-behavior translation and the functional significance of hippocampal dysfunction in schizophrenia. Current Opinion in Neurobiology, 2011, 21, 492-501.	2.0	65
965	Increase of mushroom spine density in CA1 apical dendrites produced by water maze training is prevented by ovariectomy. Brain Research, 2011, 1369, 119-130.	1.1	67
966	Differential roles of ERK, JNK and p38 MAPK in pain-related spatial and temporal enhancement of synaptic responses in the hippocampal formation of rats: Multi-electrode array recordings. Brain Research, 2011, 1382, 57-69.	1.1	56
967	Regulation of cerebral blood flow in the hippocampus by neuronal activation through the perforant path: Relationship between hippocampal blood flow and neuronal plasticity. Brain Research, 2011, 1415, 1-7.	1.1	14
968	A computer model of unitary responses from associational/commissural and perforant path synapses in hippocampal CA3 pyramidal cells. Journal of Computational Neuroscience, 2011, 31, 137-158.	0.6	20
969	Differential longâ€ŧerm depression in CA3 but not in dentate gyrus following lowâ€frequency stimulation of the medial perforant path. Synapse, 2011, 65, 677-686.	0.6	1
970	Ventral tegmental area disruption selectively affects CA1/CA2 but not CA3 place fields during a differential reward working memory task. Hippocampus, 2011, 21, 172-184.	0.9	62
971	A method for recording evoked local field potentials in the primate dentate gyrus in vivo. Hippocampus, 2011, 21, 565-574.	0.9	4

#	Article	IF	CITATIONS
972	Dentate gyrus and hilus transection blocks seizure propagation and granule cell dispersion in a mouse model for mesial temporal lobe epilepsy. Hippocampus, 2011, 21, 334-343.	0.9	43
973	Pattern separation in the dentate gyrus: A role for the CA3 backprojection. Hippocampus, 2011, 21, 1190-1215.	0.9	109
974	Morphometry of hilar ectopic granule cells in the rat. Journal of Comparative Neurology, 2011, 519, 1196-1218.	0.9	38
975	Disappearance of Epileptic Bursts on Rat Hippocampal Slices by Using Laser Irradiation. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2011, 4, 155-164.	0.5	0
976	Memory-Guided Learning: CA1 and CA3 Neuronal Ensembles Differentially Encode the Commonalities and Differences between Situations. Journal of Neuroscience, 2011, 31, 12270-12281.	1.7	42
977	Learning-Facilitated Synaptic Plasticity at CA3 Mossy Fiber and Commissural-Associational Synapses Reveals Different Roles in Information Processing. Cerebral Cortex, 2011, 21, 2442-2449.	1.6	74
978	Alzheimer's disease. Network: Computation in Neural Systems, 2011, 22, 173-185.	2.2	5
979	The Timing for Neuronal Maturation in the Adult Hippocampus Is Modulated by Local Network Activity. Journal of Neuroscience, 2011, 31, 7715-7728.	1.7	205
980	Neuroprotection against Traumatic Brain Injury by a Peptide Derived from the Collapsin Response Mediator Protein 2 (CRMP2). Journal of Biological Chemistry, 2011, 286, 37778-37792.	1.6	78
981	Vesicular Zinc Regulates the Ca ²⁺ Sensitivity of a Subpopulation of Presynaptic Vesicles at Hippocampal Mossy Fiber Terminals. Journal of Neuroscience, 2011, 31, 18251-18265.	1.7	33
982	Upregulation of KCC2 Activity by Zinc-Mediated Neurotransmission via the mZnR/GPR39 Receptor. Journal of Neuroscience, 2011, 31, 12916-12926.	1.7	125
983	A Neural Network Model for Schemas Based On Pattern Completion. Journal of the American Academy of Psychoanalysis and Dynamic Psychiatry, 2011, 39, 243-261.	0.3	3
984	Prenatal protein malnutrition alters the proportion but not numbers of parvalbumin-immunoreactive interneurons in the hippocampus of the adult Sprague-Dawley rat. Nutritional Neuroscience, 2011, 14, 165-178.	1.5	13
985	Spatial Learning and Action Planning in a Prefrontal Cortical Network Model. PLoS Computational Biology, 2011, 7, e1002045.	1.5	67
986	Head models and dynamic causal modeling of subcortical activity using magnetoencephalographic/electroencephalographic data. Reviews in the Neurosciences, 2012, 23, 85-95.	1.4	60
987	Immunogold Detection of L-glutamate and D-serine in Small Synaptic-Like Microvesicles in Adult Hippocampal Astrocytes. Cerebral Cortex, 2012, 22, 1690-1697.	1.6	105
988	Phase dependency of long-term potentiation induction during the intermittent bursts of carbachol-induced β oscillation in rat hippocampal slices. Biophysics (Nagoya-shi, Japan), 2012, 8, 173-181.	0.4	1
989	Requirement of longitudinal synchrony of epileptiform discharges in the hippocampus for seizure generation: a pilot study. Journal of Neurosurgery, 2012, 116, 513-524.	0.9	33

#	Article	IF	Citations
# 990	Pilocarpine-induced temporal lobe epilepsy in the rat is associated with increased dopamine neuron	IF 1.0	43
990	activity. International Journal of Neuropsychopharmacology, 2012, 15, 957-964.	1.0	43
991	Hippocampal Involvement in Processing of Indistinct Visual Motion Stimuli. Journal of Cognitive Neuroscience, 2012, 24, 1344-1357.	1.1	5
992	Anxiety- rather than depression-like behavior is associated with adult neurogenesis in a female mouse model of higher trait anxiety- and comorbid depression-like behavior. Translational Psychiatry, 2012, 2, e171-e171.	2.4	57
993	A Parametric Investigation of Pattern Separation Processes in the Medial Temporal Lobe. Journal of Neuroscience, 2012, 32, 13076-13084.	1.7	61
994	Glutamate Dysfunction in Hippocampus: Relevance of Dentate Gyrus and CA3 Signaling. Schizophrenia Bulletin, 2012, 38, 927-935.	2.3	118
995	Adult Hippocampal Neurogenesis and Memory. , 2012, , 81-146.		2
996	Moderate Traumatic Brain Injury Triggers Rapid Necrotic Death of Immature Neurons in the Hippocampus. Journal of Neuropathology and Experimental Neurology, 2012, 71, 348-359.	0.9	71
997	Neurogenesis and generalization: a new approach to stratify and treat anxiety disorders. Nature Neuroscience, 2012, 15, 1613-1620.	7.1	482
998	Dynamic neural systems enable adaptive, flexible memories. Neuroscience and Biobehavioral Reviews, 2012, 36, 1646-1666.	2.9	70
999	Hilar Mossy Cell Degeneration Causes Transient Dentate Granule Cell Hyperexcitability and Impaired Pattern Separation. Neuron, 2012, 76, 1189-1200.	3.8	175
1000	A Bayesian compressed-sensing approach for reconstructing neural connectivity from subsampled anatomical data. Journal of Computational Neuroscience, 2012, 33, 371-388.	0.6	18
1001	Early toothless condition suppresses cell proliferation in the hippocampal dentate gyrus of SAMP8 mice. Pediatric Dental Journal, 2012, 22, 110-116.	0.3	3
1002	Differential environmental regulation of neurogenesis along the septo-temporal axis of the hippocampus. Neuropharmacology, 2012, 63, 374-384.	2.0	142
1003	Neuronal populations mediating the effects of endocannabinoids on stress and emotionality. Neuroscience, 2012, 204, 145-158.	1.1	65
1004	Modulation of Cellular Respiration by Endogenously Produced Nitric Oxide in Rat Hippocampal Slices. Methods in Molecular Biology, 2012, 810, 73-88.	0.4	2
1005	Differences in kainate receptor involvement in hippocampal mossy fibre long-term potentiation depending on slice orientation. Neurochemistry International, 2012, 61, 482-489.	1.9	13
1006	Dendritic-targeting interneuron controls spike timing of hippocampal CA1 pyramidal neuron via activation of lh. Neuroscience Letters, 2012, 523, 9-14.	1.0	6
1007	Disambiguating the similar: The dentate gyrus and pattern separation. Behavioural Brain Research, 2012, 226, 56-65.	1.2	163

# 1008	ARTICLE Updating the Lamellar Hypothesis of Hippocampal Organization. Frontiers in Neural Circuits, 2012, 6, 102.	IF 1.4	CITATIONS
1009	Monosynaptic inputs to new neurons in the dentate gyrus. Nature Communications, 2012, 3, 1107.	5.8	244
1010	Hippocampal Pyramidal Neurons Comprise Two Distinct Cell Types that Are Countermodulated by Metabotropic Receptors. Neuron, 2012, 76, 776-789.	3.8	168
1011	Hippocampus. , 2012, , 112-139.		23
1012	Correlation between hippocampal levels of neural, epithelial and inducible NOS and spatial learning skills in rats. Behavioural Brain Research, 2012, 235, 326-333.	1.2	20
1013	Variability of sclerosis along the longitudinal hippocampal axis in epilepsy: A post mortem study. Epilepsy Research, 2012, 102, 45-59.	0.8	50
1014	Role of hippocampal CA1 atrophy in memory encoding deficits in amnestic Mild Cognitive Impairment. NeuroImage, 2012, 59, 3309-3315.	2.1	42
1015	Spatial Firing Correlates of Physiologically Distinct Cell Types of the Rat Dentate Gyrus. Journal of Neuroscience, 2012, 32, 3848-3858.	1.7	145
1016	Hippocampus. Wiley Interdisciplinary Reviews: Cognitive Science, 2012, 3, 231-251.	1.4	10
1017	Synaptic tagging and capture in the living rat. Nature Communications, 2012, 3, 1246.	5.8	49
1018	Interaction between Long-Term Potentiation and Depression in CA1 Synapses: Temporal Constrains, Functional Compartmentalization and Protein Synthesis. PLoS ONE, 2012, 7, e29865.	1.1	16
1019	Extinction procedure induces pruning of dendritic spines in CA1 hippocampal field depending on strength of training in rats. Frontiers in Behavioral Neuroscience, 2012, 6, 12.	1.0	21
1020	Extrinsic and local glutamatergic inputs of the rat hippocampal CA1 area differentially innervate pyramidal cells and interneurons. Hippocampus, 2012, 22, 1379-1391.	0.9	75
1021	Nicotinic receptors in the dorsal and ventral hippocampus differentially modulate contextual fear conditioning. Hippocampus, 2012, 22, 1681-1690.	0.9	56
1022	SP–SR interneurones: A novel class of neurones of the CA2 region of the hippocampus. Hippocampus, 2012, 22, 1758-1769.	0.9	20
1023	A single microcircuit with multiple functions: state dependent information processing in the hippocampus. Current Opinion in Neurobiology, 2012, 22, 704-708.	2.0	43
1024	Immunolocalization of NR1, NR2A, and PSD-95 in rat hippocampal subregions during postnatal development. Acta Histochemica, 2012, 114, 285-295.	0.9	14
1025	High-frequency stimulation of the temporoammonic pathway induces input-specific long-term potentiation in subicular bursting cells. Brain Research, 2012, 1430, 1-7.	1.1	2

#	Article	IF	CITATIONS
1026	Mossy cell dendritic structure quantified and compared with other hippocampal neurons labeled in rats in vivo. Epilepsia, 2012, 53, 9-17.	2.6	24
1027	Neuroanatomical clues to altered neuronal activity in epilepsy: From ultrastructure to signaling pathways of dentate granule cells. Epilepsia, 2012, 53, 67-77.	2.6	30
1028	Neural circuits underlying the generation of theta oscillations. Journal of Physiology (Paris), 2012, 106, 81-92.	2.1	96
1029	A study of hippocampal structureâ€function relations along the septoâ€temporal axis. Hippocampus, 2012, 22, 680-692.	0.9	28
1030	Selective presynaptic terminal remodeling induced by spatial, but not cued, learning: A quantitative confocal study. Hippocampus, 2012, 22, 1242-1255.	0.9	14
1031	Activity dynamics and behavioral correlates of CA3 and CA1 hippocampal pyramidal neurons. Hippocampus, 2012, 22, 1659-1680.	0.9	185
1032	Synaptic integration by different dendritic compartments of hippocampal CA1 and CA2 pyramidal neurons. Cellular and Molecular Life Sciences, 2012, 69, 75-88.	2.4	40
1033	The ventral hippocampus is necessary for expressing a spatial memory. Brain Structure and Function, 2012, 217, 93-106.	1.2	55
1034	Effects of Repeated Stress on Excitatory Drive of Basal Amygdala Neurons In Vivo. Neuropsychopharmacology, 2013, 38, 1748-1762.	2.8	62
1035	NMDA-Dependent Phase Synchronization between Septal and Temporal CA3 Hippocampal Networks. Journal of Neuroscience, 2013, 33, 8276-8287.	1.7	15
1036	Neurotoxic Saboteurs: Straws that Break the Hippo's (Hippocampus) Back Drive Cognitive Impairment and Alzheimer's Disease. Neurotoxicity Research, 2013, 24, 407-459.	1.3	47
1037	The Human Hippocampus. , 2013, , .		182
1038	Synaptic and extrasynaptic location of the receptor tyrosine kinase met during postnatal development in the mouse neocortex and hippocampus. Journal of Comparative Neurology, 2013, 521, 3241-3259.	0.9	32
1039	Towards a Theoretical Neuroscience: from Cell Chemistry to Cognition. , 2013, , .		9
1040	Contributions of the hippocampal subfields and entorhinal cortex to disambiguation during working memory. Hippocampus, 2013, 23, 467-475.	0.9	46
1041	Disturbances of septohippocampal theta oscillations in the epileptic brain: Reasons and consequences. Experimental Neurology, 2013, 247, 314-327.	2.0	35
1042	Why trace and delay conditioning are sometimes (but not always) hippocampal dependent: A computational model. Brain Research, 2013, 1493, 48-67.	1.1	27
1043	Variable Dendritic Integration in Hippocampal CA3 Pyramidal Neurons. Neuron, 2013, 80, 1438-1450.	3.8	80

		CITATION R	EPORT	
#	Article		IF	Citations
1044	Region-dependent and stage-specific effects of stress, environmental enrichment, and a treatment on hippocampal neurogenesis. Hippocampus, 2013, 23, 797-811.	ntidepressant	0.9	80
1045	Clonidine Suppresses the Induction of Long-Term Potentiation by Inhibiting HCN Chann Schaffer Collateral–CA1 Synapse in Anesthetized Adult Rats. Cellular and Molecular N 2013, 33, 1075-1086.	els at the eurobiology,	1.7	22
1046	Central Nervous System Physiology. , 2013, , 103-122.			2
1047	The effect of a caudal hippocampus lesion on learning in a Morris water maze in Bank Vo (Clethrionomys glareolus). Biology Bulletin, 2013, 40, 179-186.	bles	0.1	2
1048	Regulation of the spatial code for BDNF mRNA isoforms in the rat hippocampus followin pilocarpineâ€treatment: A systematic analysis using laser microdissection and quantitat Hippocampus, 2013, 23, 413-423.	g :ive realâ€ŧime PCR.	0.9	48
1049	A Cortico-Hippocampal Learning Rule Shapes Inhibitory Microcircuit Activity to Enhance Information Flow. Neuron, 2013, 79, 1208-1221.	Hippocampal	3.8	113
1050	Propagation of epileptiform activity in the hippocampus can be driven by non-synaptic n 2013, , .	nechanisms. ,		1
1051	The germinal matrices in the developing dentate gyrus are composed of neuronal proge distinct differentiation stages. Developmental Dynamics, 2013, 242, 1442-1453.	nitors at	0.8	46
1052	Acute stress and hippocampal output: exploring dorsal CA1 and subicular synaptic plast simultaneously in anesthetized rats. Physiological Reports, 2013, 1, e00035.	icity	0.7	13
1053	Hypothalamic and other connections with dorsal CA2 area of the mouse hippocampus. J Comparative Neurology, 2013, 521, 1844-1866.	ournal of	0.9	158
1054	The evolution of episodic memory. Proceedings of the National Academy of Sciences of States of America, 2013, 110, 10379-10386.	the United	3.3	232
1055	The operation of pattern separation and pattern completion processes associated with a attributes or domains of memory. Neuroscience and Biobehavioral Reviews, 2013, 37, 3		2.9	218
1056	Limbic system structures differentially contribute to exploratory trip organization of the Hippocampus, 2013, 23, 139-152.	rat.	0.9	24
1057	Fimbria–fornix and entorhinal cortex differential contribution to contextual and cued conditioning consolidation in rats. Physiology and Behavior, 2013, 114-115, 42-48.	fear	1.0	9
1058	Hippocampal excitability is increased in aged mice. Experimental Neurology, 2013, 247,	710-719.	2.0	40
1059	Mapping memory function in the medial temporal lobe with the immediate-early gene A Brain Research, 2013, 254, 22-33.	rc. Behavioural	1.2	40
1060	The GluK4 kainate receptor subunit regulates memory, mood, and excitotoxic neurodeg Neuroscience, 2013, 235, 215-225.	eneration.	1.1	39
1061	Regular treadmill exercise prevents sleep deprivation-induced disruption of synaptic plas associated signaling cascade in the dentate gyrus. Molecular and Cellular Neurosciences 375-383.	sticity and 5, 2013, 56,	1.0	34

	CHATION	REPORT	
#	Article	IF	Citations
1062	Functional circuits of new neurons in the dentate gyrus. Frontiers in Neural Circuits, 2013, 7, 15.	1.4	112
1063	NMDA receptor-dependent synaptic plasticity in dorsal and intermediate hippocampus exhibits distinct frequency-dependent profiles. Neuropharmacology, 2013, 74, 108-118.	2.0	20
1064	Differential roles of the dorsal and ventral hippocampus in predator odor contextual fear conditioning. Hippocampus, 2013, 23, 451-466.	0.9	49
1065	Coupling of prefrontal gamma amplitude and theta phase is strengthened in trace eyeblink conditioning. Neurobiology of Learning and Memory, 2013, 100, 117-126.	1.0	8
1066	Estradiol increases dendritic length and spine density in CA1 neurons of the hippocampus of spontaneously hypertensive rats: A Golgi impregnation study. Experimental Neurology, 2013, 247, 158-164.	2.0	15
1067	Repeated restraint stress exerts different impact on structure of neurons in the lateral and basal nuclei of the amygdala. Neuroscience, 2013, 246, 230-242.	1.1	61
1068	Structure, Functions, and Connections. , 2013, , 5-38.		6
1069	Viral Tracing Identifies Parallel Disynaptic Pathways to the Hippocampus. Journal of Neuroscience, 2013, 33, 8494-8503.	1.7	70
1070	Short- and long-term plasticity in CA1 neurons from mice lacking h-channel auxiliary subunit TRIP8b. Journal of Neurophysiology, 2013, 110, 2350-2357.	0.9	17
1071	Integration of synchronous synaptic input in CA1 pyramidal neuron depends on spatial and temporal distributions of the input. Hippocampus, 2013, 23, 87-99.	0.9	3
1072	GABAergic transmission facilitates ictogenesis and synchrony between CA3, hilus, and dentate gyrus in slices from epileptic rats. Journal of Neurophysiology, 2013, 110, 441-455.	0.9	6
1073	Retarded hippocampal development following prenatal exposure to ethanolic leaves extract of Datura metel in wistar rats. Nigerian Medical Journal, 2013, 54, 411.	0.6	5
1074	A quantitative theory of the functions of the hippocampal CA3 network in memory. Frontiers in Cellular Neuroscience, 2013, 7, 98.	1.8	86
1075	Proximodistal Segregation of Nonspatial Information in CA3: Preferential Recruitment of a Proximal CA3-Distal CA1 Network in Nonspatial Recognition Memory. Journal of Neuroscience, 2013, 33, 11506-11514.	1.7	88
1076	Quantitative assessment of CA1 local circuits: Knowledge base for interneuron-pyramidal cell connectivity. Hippocampus, 2013, 23, 751-785.	0.9	310
1077	Fast Micro-iontophoresis of Glutamate and GABA: A Useful Tool to Investigate Synaptic Integration. Journal of Visualized Experiments, 2013, , .	0.2	7
1078	Deciphering the role of CA1 inhibitory circuits in sharp wave-ripple complexes. Frontiers in Systems Neuroscience, 2013, 7, 13.	1.2	18
1080	The Influence of Ectopic Migration of Granule Cells into the Hilus on Dentate Gyrus-CA3 Function. PLoS ONE, 2013, 8, e68208.	1.1	63

#	Article	IF	Citations
1081	Organization of Multisynaptic Inputs to the Dorsal and Ventral Dentate Gyrus: Retrograde Trans-Synaptic Tracing with Rabies Virus Vector in the Rat. PLoS ONE, 2013, 8, e78928.	1.1	35
1082	Number and regional distribution of GAD65 mRNA-expressing interneurons in the rat hippocampal formation. Acta Biologica Hungarica, 2013, 64, 395-413.	0.7	13
1083	Selective Pharmacological Modulation of Pyramidal Neurons and Interneurons in the CA1 Region of the Rat Hippocampus. Frontiers in Pharmacology, 2013, 4, 24.	1.6	15
1084	Spatial pattern completion deficits in older adults. Frontiers in Aging Neuroscience, 2013, 5, 3.	1.7	19
1085	Frequency dependence of CA3 spike phase response arising from h-current properties. Frontiers in Cellular Neuroscience, 2013, 7, 263.	1.8	12
1086	Hilar mossy cell circuitry controlling dentate granule cell excitability. Frontiers in Neural Circuits, 2013, 7, 14.	1.4	62
1087	Nonlinear dynamical model based control of in vitro hippocampal output. Frontiers in Neural Circuits, 2013, 7, 20.	1.4	9
1088	Influence of slow oscillation on hippocampal activity and ripples through cortico-hippocampal synaptic interactions, analyzed by a cortical-CA3-CA1 network model. Frontiers in Computational Neuroscience, 2013, 7, 3.	1.2	31
1089	Network architecture underlying maximal separation of neuronal representations. Frontiers in Neuroengineering, 2012, 5, 19.	4.8	10
1090	In vivo evaluation of cellular activity in αCaMKII heterozygous knockout mice using manganese-enhanced magnetic resonance imaging (MEMRI). Frontiers in Integrative Neuroscience, 2013, 7, 76.	1.0	11
1091	Novel space alters theta and gamma synchrony across the longitudinal axis of the hippocampus. Frontiers in Systems Neuroscience, 2013, 7, 20.	1.2	34
1092	The effect of vitamin supplementation on the toxic effects of dichlorvos on the microanatomy of rat hippocampal formation. International Journal of Biological and Chemical Sciences, 2014, 8, 871.	0.1	1
1093	The Potentiation of Associative Memory by Emotions: An Event-Related FMRI Study. Advances in Neuroscience (Hindawi), 2014, 2014, 1-9.	3.1	11
1094	Selective alterations of neurons and circuits related to early memory loss in Alzheimerââ,¬â"¢s disease. Frontiers in Neuroanatomy, 2014, 8, 38.	0.9	72
1095	Three axonal projection routes of individual pyramidal cells in the ventral CA1 hippocampus. Frontiers in Neuroanatomy, 2014, 8, 53.	0.9	58
1096	Converging on a core cognitive deficit: the impact of various neurodevelopmental insults on cognitive control. Frontiers in Neuroscience, 2014, 8, 153.	1.4	16
1097	Vestibular control of entorhinal cortex activity in spatial navigation. Frontiers in Integrative Neuroscience, 2014, 8, 38.	1.0	70
1098	Dendritic inhibition mediated by O-LM and bistratified interneurons in the hippocampus. Frontiers in Synaptic Neuroscience, 2014, 6, 23.	1.3	75

# 1099	ARTICLE Grid cell firing properties vary as a function of theta phase locking preferences in the rat medial entorhinal cortex. Frontiers in Systems Neuroscience, 2014, 8, 193.	lF 1.2	CITATIONS 32
1100	Hippocampus. , 2014, , 566-570.		3
1102	Involvement of Glutamate in Learning and Memory. , 2014, , 63-77.		9
1103	Axonal tract tracing for delineating interacting brain regions: implications for Alzheimer's disease-associated memory. Future Neurology, 2014, 9, 89-98.	0.9	3
1104	An analysis of entorhinal cortex projections to the dentate gyrus, hippocampus, and subiculum of the neonatal macaque monkey. Journal of Comparative Neurology, 2014, 522, 1485-1505.	0.9	24
1105	Crosstalk and transitions between multiple spatial maps in an attractor neural network model of the hippocampus: Collective motion of the activity. Physical Review E, 2014, 89, 032803.	0.8	22
1106	A novel cell migratory zone in the developing hippocampal formation. Journal of Comparative Neurology, 2014, 522, 3520-3538.	0.9	14
1107	Double dissociation between the contributions of the septal and temporal hippocampus to spatial learning: The role of prior experience. Hippocampus, 2014, 24, 990-1005.	0.9	17
1108	Activityâ€based anorexia during adolescence disrupts normal development of the CA1 pyramidal cells in the ventral hippocampus of female rats. Hippocampus, 2014, 24, 1421-1429.	0.9	37
1109	Enhanced stability of hippocampal place representation caused by reduced magnesium block of NMDA receptors in the dentate gyrus. Molecular Brain, 2014, 7, 44.	1.3	10
1110	Effect of Cognitive Aging on Working Memory Consolidation. Psychological Studies, 2014, 59, 383-393.	0.5	3
1111	Mossy fiber-evoked subthreshold responses induce timing-dependent plasticity at hippocampal CA3 recurrent synapses. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4303-4308.	3.3	46
1112	Dynamic learning and memory, synaptic plasticity and neurogenesis: an update. Frontiers in Behavioral Neuroscience, 2014, 8, 106.	1.0	111
1113	Space,Time and Memory in the Hippocampal Formation. , 2014, , .		20
1114	Interlamellar CA1 network in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12919-12924.	3.3	63
1115	Entorhinal cortex contribution to contextual fear conditioning extinction and reconsolidation in rats. Neurobiology of Learning and Memory, 2014, 110, 64-71.	1.0	25
1116	Acetyl-l-carnitine normalizes the impaired long-term potentiation and spine density in a rat model of global ischemia. Neuroscience, 2014, 269, 265-272.	1,1	21
1117	Human cognitive function and the obesogenic environment. Physiology and Behavior, 2014, 136, 185-193.	1.0	91

<i>ш</i>	Apticis	IF	CITATIONS
#	ARTICLE Functional MRI of long-term potentiation: imaging network plasticity. Philosophical Transactions of	IF	CITATIONS
1118	the Royal Society B: Biological Sciences, 2014, 369, 20130152.	1.8	50
1119	Decreased Insulin-Like Growth Factor-I and Its Receptor Expression in the Hippocampus and Somatosensory Cortex of the Aged Mouse. Neurochemical Research, 2014, 39, 770-776.	1.6	20
1120	Electrophysiological properties of hippocampal–cortical neural networks, role in the processes of learning and memory in rats. Journal of Neural Transmission, 2014, 121, 583-592.	1.4	5
1121	Cell-Type-Specific Circuit Connectivity of Hippocampal CA1 Revealed through Cre-Dependent Rabies Tracing. Cell Reports, 2014, 7, 269-280.	2.9	184
1122	Functional dissociation of adultâ€born neurons along the dorsoventral axis of the dentate gyrus. Hippocampus, 2014, 24, 751-761.	0.9	131
1123	A Highâ€resolution study of hippocampal and medial temporal lobe correlates of spatial context and prospective overlapping route memory. Hippocampus, 2014, 24, 819-839.	0.9	44
1124	Inversion of layerâ€specific cadherin expression profiles and maintenance of cytoarchitectonic areas in the allocortex of the reeler mutant mouse. Journal of Comparative Neurology, 2014, 522, 3106-3119.	0.9	9
1125	Space in the brain: how the hippocampal formation supports spatial cognition. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20120510.	1.8	386
1126	Cell type–specific genetic and optogenetic tools reveal hippocampal CA2 circuits. Nature Neuroscience, 2014, 17, 269-279.	7.1	414
1127	Propagation of Epileptiform Activity Can Be Independent of Synaptic Transmission, Gap Junctions, or Diffusion and Is Consistent with Electrical Field Transmission. Journal of Neuroscience, 2014, 34, 1409-1419.	1.7	67
1128	Simultaneous cellular-resolution optical perturbation and imaging of place cell firing fields. Nature Neuroscience, 2014, 17, 1816-1824.	7.1	315
1129	Contributions of human hippocampal subfields to spatial and temporal pattern separation. Hippocampus, 2014, 24, 293-302.	0.9	66
1130	Distribution of neurotransmitter receptors and zinc in the pigeon (<i>Columba livia</i>) hippocampal formation: A basis for further comparison with the mammalian hippocampus. Journal of Comparative Neurology, 2014, 522, 2553-2575.	0.9	57
1131	Exercise, Energy Intake, Glucose Homeostasis, and the Brain. Journal of Neuroscience, 2014, 34, 15139-15149.	1.7	117
1132	Precise spatial coding is preserved along the longitudinal hippocampal axis. Hippocampus, 2014, 24, 1533-1548.	0.9	85
1133	Memory, Imagination, and Predicting the Future. Neuroscientist, 2014, 20, 220-234.	2.6	204
1134	Diversity of mnemonic function within the entorhinal cortex: A meta-analysis of rodent behavioral studies. Neurobiology of Learning and Memory, 2014, 115, 95-107.	1.0	29
1135	Reversal of theta rhythm flow through intact hippocampal circuits. Nature Neuroscience, 2014, 17, 1362-1370.	7.1	67

#	Article	IF	CITATIONS
1136	Increased hippocampal CA1 cerebral blood volume in schizophrenia. NeuroImage: Clinical, 2014, 5, 359-364.	1.4	77
1137	Functional organization of the hippocampal longitudinal axis. Nature Reviews Neuroscience, 2014, 15, 655-669.	4.9	1,268
1138	Theta Phase Segregation of Input-Specific Gamma Patterns in Entorhinal-Hippocampal Networks. Neuron, 2014, 84, 470-485.	3.8	374
1139	Role of adult neurogenesis in hippocampal-cortical memory consolidation. Molecular Brain, 2014, 7, 13.	1.3	73
1140	Initiation and developmental dynamics of <i>Wfs1</i> expression in the context of neural differentiation and ER stress in mouse forebrain. International Journal of Developmental Neuroscience, 2014, 35, 80-88.	0.7	17
1141	Anterior–posterior cerebral blood volume gradient in human subiculum. Hippocampus, 2014, 24, 503-509.	0.9	2
1142	Functional correlates of the lateral and medial entorhinal cortex: objects, path integration and local–global reference frames. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130369.	1.8	335
1143	Modeling Inheritance of Phase Precession in the Hippocampal Formation. Journal of Neuroscience, 2014, 34, 7715-7731.	1.7	35
1144	Cholinergic immunotoxin 192 IgG-SAPORIN alters subicular theta–gamma activity and impairs spatial learning in rats. Neurobiology of Learning and Memory, 2014, 114, 117-126.	1.0	7
1146	Estrogen is a novel regulator of Tnfaip1 in mouse hippocampus. International Journal of Molecular Medicine, 2014, 34, 219-227.	1.8	7
1147	Early Neuronal Loss and Axonal/Presynaptic Damage is Associated with Accelerated Amyloid-β Accumulation in AβPP/PS1 Alzheimer's Disease Mice Subiculum. Journal of Alzheimer's Disease, 2014, 42, 521-541.	1.2	48
1148	A Comprehensive Protocol for Manual Segmentation of the Medial Temporal Lobe Structures. Journal of Visualized Experiments, 2014, , .	0.2	19
1149	How the Body Talks to the Brain; Peripheral Mediators of Physical Activity-Induced Proliferation in the Adult Hippocampus. Brain Plasticity, 2015, 1, 5-27.	1.9	35
1150	The role of TRPC6 in seizure susceptibility and seizure-related neuronal damage in the rat dentate gyrus. Neuroscience, 2015, 307, 215-230.	1.1	30
1151	The Small-Molecule TrkB Agonist 7, 8-Dihydroxyflavone Decreases Hippocampal Newborn Neuron Death After Traumatic Brain Injury. Journal of Neuropathology and Experimental Neurology, 2015, 74, 557-567.	0.9	42
1152	Neural Activity Propagation in an Unfolded Hippocampal Preparation with a Penetrating Micro-electrode Array. Journal of Visualized Experiments, 2015, , .	0.2	1
1153	Ageâ€related decrease in theta and gamma coherence across dorsal ca1 pyramidale and radiatum layers. Hippocampus, 2015, 25, 1327-1335.	0.9	6
1154	The maturation of research into the avian hippocampal formation: Recent discoveries from one of the nature's foremost navigators. Hippocampus, 2015, 25, 1193-1211.	0.9	65

	CITATION	Report	
#	Article	IF	CITATIONS
1155	Functional optical probing of the hippocampal trisynaptic circuit in vitro: network dynamics, filter properties, and polysynaptic induction of CA1 LTP. Frontiers in Neuroscience, 2015, 9, 160.	1.4	53
1156	Barriers to developing a valid rodent model of Alzheimer's disease: from behavioral analysis to etiological mechanisms. Frontiers in Neuroscience, 2015, 9, 245.	1.4	21
1157	Harnessing the power of theta: natural manipulations of cognitive performance during hippocampal theta-contingent eyeblink conditioning. Frontiers in Systems Neuroscience, 2015, 9, 50.	1.2	12
1158	Theta variation and spatiotemporal scaling along the septotemporal axis of the hippocampus. Frontiers in Systems Neuroscience, 2015, 9, 37.	1.2	24
1159	Hippocampal Formation. , 2015, , 511-573.		48
1160	GLP-1 and Exendin-4 Transiently Enhance GABAA Receptor–Mediated Synaptic and Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. Diabetes, 2015, 64, 79-89.	0.3	79
1161	Hippocampal sharp waveâ€ripple: A cognitive biomarker for episodic memory and planning. Hippocampus, 2015, 25, 1073-1188.	0.9	1,250
1162	Neural Population Evidence of Functional Heterogeneity along the CA3 Transverse Axis: Pattern Completion versus Pattern Separation. Neuron, 2015, 87, 1093-1105.	3.8	133
1163	Delayed Coupling to Feedback Inhibition during a Critical Period for the Integration of Adult-Born Granule Cells. Neuron, 2015, 85, 116-130.	3.8	172
1164	CaMKII-dependent dendrite ramification and spine generation promote spatial training-induced memory improvement in a rat model of sporadic Alzheimer's disease. Neurobiology of Aging, 2015, 36, 867-876.	1.5	37
1165	The gyri of the octopus vertical lobe have distinct neurochemical identities. Journal of Comparative Neurology, 2015, 523, 1297-1317.	0.9	39
1166	Synapse-specific compartmentalization of signaling cascades for LTP induction in CA3 interneurons. Neuroscience, 2015, 290, 332-345.	1.1	20
1167	A computational theory of hippocampal function, and tests of the theory: New developments. Neuroscience and Biobehavioral Reviews, 2015, 48, 92-147.	2.9	264
1168	On Resolving Simultaneous Congruences Using Belief Propagation. Neural Computation, 2015, 27, 748-770.	1.3	5
1169	Complementary Roles of Human Hippocampal Subfields in Differentiation and Integration of Spatial Context. Journal of Cognitive Neuroscience, 2015, 27, 546-559.	1.1	61
1170	Western Diet and Cognitive Impairment. , 2015, , 295-305.		4
1171	Development of glutamatergic innervation during maturation of adult-born neurons. Frontiers in Biology, 2015, 10, 310-320.	0.7	0
1172	High-field magnetic resonance imaging of the human temporal lobe. NeuroImage: Clinical, 2015, 9, 58-68.	1.4	19

#	Article	IF	CITATIONS
1173	Alterations in hippocampal connectivity across the psychosis dimension. Psychiatry Research - Neuroimaging, 2015, 233, 148-157.	0.9	74
1174	GABAA receptor-mediated feedforward and feedback inhibition differentially modulate the gain and the neural code transformation in hippocampal CA1 pyramidal cells. Neuropharmacology, 2015, 99, 177-186.	2.0	9
1175	Combined neuroprotective action of adenosine A1 and cannabinoid CB1 receptors against NMDA-induced excitotoxicity in the hippocampus. Neurochemistry International, 2015, 87, 106-109.	1.9	14
1176	Striking differences in synaptic facilitation along the dorsoventral axis of the hippocampus. Neuroscience, 2015, 301, 454-470.	1.1	25
1177	Phthalates and neurotoxic effects on hippocampal network plasticity. NeuroToxicology, 2015, 48, 21-34.	1.4	60
1178	Insular projections to the parahippocampal region in the rat. Journal of Comparative Neurology, 2015, 523, 1379-1398.	0.9	26
1179	The CA3 region of the hippocampus: how is it? What is it for? How does it do it?. Frontiers in Cellular Neuroscience, 2015, 9, 19.	1.8	90
1180	On-demand pulsatile intracerebral delivery of carisbamate with closed-loop direct neurostimulation therapy in an electrically induced self-sustained focal-onset epilepsy rat model. Journal of Neurosurgery, 2015, 122, 1283-1292.	0.9	7
1181	State-based functional connectivity changes associate with cognitive decline in amnestic mild cognitive impairment subjects. Behavioural Brain Research, 2015, 288, 94-102.	1.2	7
1182	The metabotropic glutamate receptor 5 role on motor behavior involves specific neural substrates. Molecular Brain, 2015, 8, 24.	1.3	27
1183	Imaging microstructural damage and plasticity in the hippocampus during epileptogenesis. Neuroscience, 2015, 309, 162-172.	1.1	33
1184	Oxidative stress and redox regulation on hippocampal-dependent cognitive functions. Archives of Biochemistry and Biophysics, 2015, 576, 2-7.	1.4	108
1185	Qualitatively different effect of repeated stress during adolescence on principal neuron morphology across lateral and basal nuclei of the rat amygdala. Neuroscience, 2015, 291, 128-145.	1.1	23
1186	Aging-Related Hyperexcitability in CA3 Pyramidal Neurons Is Mediated by Enhanced A-Type K ⁺ Channel Function and Expression. Journal of Neuroscience, 2015, 35, 13206-13218.	1.7	85
1187	Entorhinal Cortical Ocean Cells Encode Specific Contexts and Drive Context-Specific Fear Memory. Neuron, 2015, 87, 1317-1331.	3.8	131
1188	The Corticohippocampal Circuit, Synaptic Plasticity, and Memory. Cold Spring Harbor Perspectives in Biology, 2015, 7, a021733.	2.3	140
1189	Functional Differentiation of Adult-Born Neurons along the Septotemporal Axis of the Dentate Gyrus: Figure 1 Cold Spring Harbor Perspectives in Biology, 2015, 7, a018978.	2.3	51
1190	Entorhinal–hippocampal neuronal circuits bridge temporally discontiguous events. Learning and Memory, 2015, 22, 438-443.	0.5	84

#	Article	IF	CITATIONS
1191	Allocentric spatial navigation impairment in schizophrenic subject: A model-based study. , 2015, , .		0
1192	A septo-temporal molecular gradient of sfrp3 in the dentate gyrus differentially regulates quiescent adult hippocampal neural stem cell activation. Molecular Brain, 2015, 8, 52.	1.3	25
1193	Optogenetic Destabilization of the Memory Trace in CA1: Insights into Reconsolidation and Retrieval Processes. Cerebral Cortex, 2017, 27, bhv282.	1.6	17
1194	Homeostatic regulation of KCC2 activity by the zinc receptor mZnR/GPR39 during seizures. Neurobiology of Disease, 2015, 81, 4-13.	2.1	66
1195	Differential contribution of the hippocampus in two different demanding tasks at early stages of hepatic encephalopathy. Neuroscience, 2015, 284, 1-10.	1.1	10
1196	Covert rapid action-memory simulation (CRAMS): A hypothesis of hippocampal–prefrontal interactions for adaptive behavior. Neurobiology of Learning and Memory, 2015, 117, 22-33.	1.0	68
1197	Estrogens are neuroprotective factors for hypertensive encephalopathy. Journal of Steroid Biochemistry and Molecular Biology, 2015, 146, 15-25.	1.2	20
1198	Diffusion tensor imaging of hippocampal network plasticity. Brain Structure and Function, 2015, 220, 781-801.	1.2	51
1199	Endocannabinoids in Synaptic Plasticity and Neuroprotection. Neuroscientist, 2015, 21, 152-168.	2.6	95
1200	The transient receptor potential vanilloid-1 is localized at excitatory synapses in the mouse dentate gyrus. Brain Structure and Function, 2015, 220, 1187-1194.	1.2	26
1201	Repetitive magnetic stimulation induces plasticity of excitatory postsynapses on proximal dendrites of cultured mouse CA1 pyramidal neurons. Brain Structure and Function, 2015, 220, 3323-3337.	1.2	87
1202	Widespread activation of microglial cells in the hippocampus of chronic epileptic rats correlates only partially with neurodegeneration. Brain Structure and Function, 2015, 220, 2423-2439.	1.2	32
1204	Decoupling Actions from Consequences: Dorsal Hippocampal Lesions Facilitate Instrumental Performance, but Impair Behavioral Flexibility in Rats. Frontiers in Behavioral Neuroscience, 2016, 10, 118.	1.0	3
1205	Isolation Rearing Reduces Neuronal Excitability in Dentate Gyrus Granule Cells of Adolescent C57BL/6J Mice: Role of GABAergic Tonic Currents and Neurosteroids. Frontiers in Cellular Neuroscience, 2016, 10, 158.	1.8	14
1206	Inhibition Controls Asynchronous States of Neuronal Networks. Frontiers in Synaptic Neuroscience, 2016, 8, 11.	1.3	17
1207	Assessing Granger Causality in Electrophysiological Data: Removing the Adverse Effects of Common Signals via Bipolar Derivations. Frontiers in Systems Neuroscience, 2015, 9, 189.	1.2	69
1208	Dentate gyrus and hilar region revisited. Behavioral and Brain Sciences, 2016, 39, e210.	0.4	2
1209	Mapping the electrophysiological and morphological properties of <scp>CA</scp> 1 pyramidal neurons along the longitudinal hippocampal axis. Hippocampus, 2016, 26, 341-361.	0.9	106

#	Article	IF	CITATIONS
1210	Presynaptic size of associational/commissural <scp>CA</scp> 3 synapses is controlled by fibroblast growth factor 22 in adult mice. Hippocampus, 2016, 26, 151-160.	0.9	6
1211	Highâ€resolution investigation of memoryâ€specific reinstatement in the hippocampus and perirhinal cortex. Hippocampus, 2016, 26, 995-1007.	0.9	77
1212	GANEing traction: The broad applicability of NE hotspots to diverse cognitive and arousal phenomena. Behavioral and Brain Sciences, 2016, 39, e228.	0.4	16
1213	Bodily arousal differentially impacts stimulus processing and memory: Norepinephrine in interoception. Behavioral and Brain Sciences, 2016, 39, e205.	0.4	5
1214	What do we GANE with age?. Behavioral and Brain Sciences, 2016, 39, e218.	0.4	2
1215	Amplified selectivity in cognitive processing implements the neural gain model of norepinephrine function. Behavioral and Brain Sciences, 2016, 39, e206.	0.4	7
1216	Emotionally arousing context modulates the ERP correlates of neutral picture processing: An ERP test of the GANE model. Behavioral and Brain Sciences, 2016, 39, e225.	0.4	4
1217	The role of arousal in predictive coding. Behavioral and Brain Sciences, 2016, 39, e207.	0.4	11
1218	Does arousal enhance apical amplification and disamplification?. Behavioral and Brain Sciences, 2016, 39, e215.	0.4	6
1219	Mitochondrial Regulatory Pathways inÂtheÂPathogenesis of Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 53, 1257-1270.	1.2	22
1220	GANEing on emotion and emotion regulation. Behavioral and Brain Sciences, 2016, 39, e211.	0.4	0
1221	What BANE can offer GANE: Individual differences in function of hotspot mechanisms. Behavioral and Brain Sciences, 2016, 39, e226.	0.4	0
1222	Interactions of noradrenaline and cortisol and the induction of indelible memories. Behavioral and Brain Sciences, 2016, 39, e213.	0.4	1
1223	Electrophysiological Properties of CA1 Pyramidal Neurons along the Longitudinal Axis of the Mouse Hippocampus. Scientific Reports, 2016, 6, 38242.	1.6	69
1224	For better or worse, or for a change?. Behavioral and Brain Sciences, 2016, 39, e203.	0.4	0
1225	Bidirectional synaptic plasticity can explain bidirectional retrograde effects of emotion on memory. Behavioral and Brain Sciences, 2016, 39, e224.	0.4	1
1226	Temporal context processing within hippocampal subfields. NeuroImage, 2016, 134, 261-269.	2.1	16
1227	Multiple hippocampal transections for intractable hippocampal epilepsy: Seizure outcome. Epilepsy and Behavior, 2016, 58, 86-90.	0.9	12

#	Article	IF	CITATIONS
1228	Cognitive control of meal onset and meal size: Role of dorsal hippocampal-dependent episodic memory. Physiology and Behavior, 2016, 162, 112-119.	1.0	14
1229	Hippocampal Mechanisms for the Segmentation of Space by Goals and Boundaries. Research and Perspectives in Neurosciences, 2016, , 1-21.	0.4	7
1231	Sex-related dimorphism in dentate gyrus atrophy and behavioral phenotypes in an inducible tTa:APPsi transgenic model of Alzheimer's disease. Neurobiology of Disease, 2016, 96, 171-185.	2.1	19
1232	Theta-Gamma Cross-Frequency Coupling in the Hippocampus-Entorhinal Circuit. Springer Theses, 2016, , 51-67.	0.0	0
1233	The role of experience in adolescent cognitive development: Integration of executive, memory, and mesolimbic systems. Neuroscience and Biobehavioral Reviews, 2016, 70, 46-58.	2.9	101
1234	Extracellular Potentials in the Hippocampus. Springer Theses, 2016, , .	0.0	0
1235	Noncanonical connections between the subiculum and hippocampal CA1. Journal of Comparative Neurology, 2016, 524, 3666-3673.	0.9	60
1236	Functional crossâ€hemispheric shift between objectâ€place paired associate memory and spatial memory in the human hippocampus. Hippocampus, 2016, 26, 1061-1077.	0.9	19
1237	The neuron-astrocyte-microglia triad involvement in neuroinflammaging mechanisms in the CA3 hippocampus of memory-impaired aged rats. Experimental Gerontology, 2016, 83, 71-88.	1.2	52
1238	Neural Activity Patterns Underlying Spatial Coding in the Hippocampus. Current Topics in Behavioral Neurosciences, 2016, 37, 43-100.	0.8	21
1239	Spatial coding and physiological properties of hippocampal neurons in the Cornu Ammonis subregions. Hippocampus, 2016, 26, 1593-1607.	0.9	101
1240	Dendritic NMDA spikes are necessary for timing-dependent associative LTP in CA3 pyramidal cells. Nature Communications, 2016, 7, 13480.	5.8	77
1241	Cognitive control, dynamic salience, and the imperative toward computational accounts of neuromodulatory function. Behavioral and Brain Sciences, 2016, 39, e227.	0.4	5
1242	The Fluency Amplification Model supports the GANE principle of arousal enhancement. Behavioral and Brain Sciences, 2016, 39, e204.	0.4	5
1243	Once more with feeling: On the explanatory limits of the GANE model and the missing role of subjective experience. Behavioral and Brain Sciences, 2016, 39, e212.	0.4	0
1244	Competition elicits arousal and affect. Behavioral and Brain Sciences, 2016, 39, e220.	0.4	0
1245	Effect of arousal on perception as studied through the lens of the motor correlates of sexual arousal. Behavioral and Brain Sciences, 2016, 39, e217.	0.4	1
1246	Emotional memory: From affective relevance to arousal. Behavioral and Brain Sciences, 2016, 39, e216.	0.4	9

	CHATION	LPURI	
# 1247	ARTICLE Sex Hormones and Cognition: Neuroendocrine Influences on Memory and Learning. , 2016, 6, 1295-1337.	IF	Citations
1248	Observations on hippocampal mossy cells in mink (<i>Neovison vison</i>) with special reference to dendrites ascending to the granular and molecular layers. Hippocampus, 2016, 26, 229-245.	0.9	6
1249	Electrical and Network Neuronal Properties Are Preferentially Disrupted in Dorsal, But Not Ventral, Medial Entorhinal Cortex in a Mouse Model of Tauopathy. Journal of Neuroscience, 2016, 36, 312-324.	1.7	49
1250	Spatial Gene-Expression Gradients Underlie Prominent Heterogeneity of CA1 Pyramidal Neurons. Neuron, 2016, 89, 351-368.	3.8	270
1251	Functional Architecture of the Rat Parasubiculum. Journal of Neuroscience, 2016, 36, 2289-2301.	1.7	54
1252	Adult Neurogenesis and Cognitive Function. , 2016, , 51-94.		2
1253	Hippocampal Respiration-Driven Rhythm Distinct from Theta Oscillations in Awake Mice. Journal of Neuroscience, 2016, 36, 162-177.	1.7	146
1254	Gating of hippocampal activity, plasticity, and memory by entorhinal cortex long-range inhibition. Science, 2016, 351, aaa5694.	6.0	220
1255	Running rewires the neuronal network of adult-born dentate granule cells. NeuroImage, 2016, 131, 29-41.	2.1	124
1256	Prostaglandin E2 EP2 activation reduces memory decline in R6/1 mouse model of Huntington's disease by the induction of BDNF-dependent synaptic plasticity. Neurobiology of Disease, 2016, 95, 22-34.	2.1	28
1257	Procedural Performance Benefits after Excitotoxic Hippocampal Lesions in the Rat Sequential Reaction Time Task. Neurotoxicity Research, 2016, 29, 54-68.	1.3	2
1258	Corruption of the dentate gyrus by "dominant―granule cells: Implications for dentate gyrus function in health and disease. Neurobiology of Learning and Memory, 2016, 129, 69-82.	1.0	33
1259	The L-type voltage-dependent calcium channel long-term potentiation is higher in the dorsal compared with the ventral associational/commissural CA3 hippocampal synapses. Neuroscience Research, 2016, 106, 62-65.	1.0	8
1260	Sex and strategy use matters for pattern separation, adult neurogenesis, and immediate early gene expression in the hippocampus. Hippocampus, 2016, 26, 87-101.	0.9	77
1261	Optogenetic fMRI in the mouse hippocampus: Hemodynamic response to brief glutamatergic stimuli. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 629-638.	2.4	12
1262	Pattern separation, completion, and categorisation in the hippocampus and neocortex. Neurobiology of Learning and Memory, 2016, 129, 4-28.	1.0	160
1263	Prenatal exposure to bisphenol A impacts neuronal morphology in the hippocampal CA1 region in developing and aged mice. Archives of Toxicology, 2016, 90, 691-700.	1.9	54
1264	From Molecular Circuit Dysfunction to Disease. Neuroscientist, 2016, 22, 295-312.	2.6	26

ARTICLE IF CITATIONS Ratâ€strain dependent changes of dendritic and spine morphology in the hippocampus after cocaine 1265 13 1.4 selfâ€administration. Addiction Biology, 2017, 22, 78-92. An event-related potential investigation of pattern separation and pattern completion processes. 0.6 Cognitive Neuroscience, 2017, 8, 9-23. Regenerative therapy for hippocampal degenerative diseases: lessons from preclinical studies. Journal 1267 1.3 10 of Tissue Engineering and Regenerative Medicine, 2017, 11, 321-333. Age-dependent alterations in neuronal activity in the hippocampus and visual cortex in a mouse model 1268 of Juvenile Neuronal Ceroid Lipofuscinosis (CLN3). Neurobiology of Disease, 2017, 100, 19-29. Entorhinal Cortex dysfunction can be rescued by inhibition of microglial RAGE in an Alzheimer's 1269 1.6 64 disease mouse model. Scientific Reports, 2017, 7, 42370. Dendritic GIRK Channels Gate the Integration Window, Plateau Potentials, and Induction of Synaptic Plasticity in Dorsal But Not Ventral CA1 Neurons. Journal of Neuroscience, 2017, 37, 3940-3955. 1.7 Periodontal disease, tooth loss and dementia: Is there a link? A systematic review. Gerodontology, 1271 0.8 96 2017, 34, 151-163. Cannabis-related hippocampal volumetric abnormalities specific to subregions in dependent users. 1.5 Psychopharmacology, 2017, 234, 2149-2157. 1273 Hippocampal function in rodents. Current Opinion in Neurobiology, 2017, 43, 187-197. 2.0 39 Driving and regulating temporal association learning coordinated by entorhinal-hippocampal 1274 1.0 network. Neuroscience Research, 2017, 121, 1-6. The Endogenous Stress Hormone CRH Modulates Excitatory Transmission and Network Physiology in 1275 29 1.6 Hippocampus. Cerebral Cortex, 2017, 27, 4182-4198. Ventral, but not dorsal, hippocampus inactivation impairs reward memory expression and retrieval in 1276 0.9 contexts defined by proximal cues. Hippocampus, 2017, 27, 822-836. On the †data stirring' role of the dentate gyrus of the hippocampus. Reviews in the Neurosciences, 1277 1.4 6 2017, 28, 599-615. Target-specific alterations in the VIP inhibitory drive to hippocampal GABAergic cells after status epilepticus. Experimental Neurology, 2017, 292, 102-112. 1278 23 Synaptic Phospholipid Signaling Modulates Axon Outgrowth via Glutamate-dependent Ca2+-mediated 1279 1.6 11 Molecular Pathways. Cerebral Cortex, 2017, 27, 131-145. Behaviorâ€dependent activity patterns of GABAergic longâ€range projecting neurons in the rat 1280 43 hippocampus. Hippocampus, 2017, 27, 359-377. Synaptic integrative mechanisms for spatial cognition. Nature Neuroscience, 2017, 20, 1483-1492. 1281 7.1 30 Susceptibility to hippocampal kindling seizures is increased in aging C57 black mice. IBRO Reports, 2017, 3, 33-44.

#	Article	IF	CITATIONS
1283	Dab1 contributes differently to the morphogenesis of the hippocampal subdivisions. Development Growth and Differentiation, 2017, 59, 657-673.	0.6	7
1284	Contribution of Genoarchitecture to Understanding Hippocampal Evolution and Development. Brain, Behavior and Evolution, 2017, 90, 25-40.	0.9	41
1285	Smaller hippocampal subfield volumes predict verbal associative memory in pediatric brain tumor survivors. Hippocampus, 2017, 27, 1140-1154.	0.9	30
1286	LTP at Hilar Mossy Cell-Dentate Granule Cell Synapses Modulates Dentate Gyrus Output by Increasing Excitation/Inhibition Balance. Neuron, 2017, 95, 928-943.e3.	3.8	71
1287	Sodium channel subtypes are differentially localized to pre―and postâ€synaptic sites in rat hippocampus. Journal of Comparative Neurology, 2017, 525, 3563-3578.	0.9	15
1288	Gamma Oscillations in Rat Hippocampal Subregions Dentate Gyrus, CA3, CA1, and Subiculum Underlie Associative Memory Encoding. Cell Reports, 2017, 21, 2419-2432.	2.9	67
1289	Behavior-Dependent Activity and Synaptic Organization of Septo-hippocampal GABAergic Neurons Selectively Targeting the Hippocampal CA3 Area. Neuron, 2017, 96, 1342-1357.e5.	3.8	57
1290	Rapamycin inhibits mTOR/p70S6K activation in CA3 region of the hippocampus of the rat and impairs long term memory. Neurobiology of Learning and Memory, 2017, 137, 15-26.	1.0	18
1291	Dissociable profiles of generalization/discrimination in the human hippocampus during associative retrieval. Hippocampus, 2017, 27, 115-121.	0.9	10
1292	Perception of Impossible Scenes Reveals Differential Hippocampal and Parahippocampal Place Area Contributions to Spatial Coherency. Hippocampus, 2017, 27, 61-76.	0.9	13
1293	Increased Amyloid Precursor Protein and Tau Expression Manifests as Key Secondary Cell Death in Chronic Traumatic Brain Injury. Journal of Cellular Physiology, 2017, 232, 665-677.	2.0	46
1294	Navigational Strategies and Their Neural Correlates. Journal of the Indian Institute of Science, 2017, 97, 511-525.	0.9	10
1295	GABAergic Synapse Dysfunction and Repair in Temporal Lobe Epilepsy. , 2017, , .		2
1296	GSK-3β Overexpression Alters the Dendritic Spines of Developmentally Generated Granule Neurons in the Mouse Hippocampal Dentate Gyrus. Frontiers in Neuroanatomy, 2017, 11, 18.	0.9	17
1297	Juvenile Hippocampal CA2 Region Expresses Aggrecan. Frontiers in Neuroanatomy, 2017, 11, 41.	0.9	23
1298	Differentiation of Human Induced Pluripotent Stem Cell (hiPSC)-Derived Neurons in Mouse Hippocampal Slice Cultures. Frontiers in Cellular Neuroscience, 2017, 11, 143.	1.8	20
1299	Effects of Strain and Species on the Septo-Temporal Distribution of Adult Neurogenesis in Rodents. Frontiers in Neuroscience, 2017, 11, 719.	1.4	17
1300	Regional Specific Evidence for Memory-Load Dependent Activity in the Dorsal Subiculum and the Lateral Entorhinal Cortex. Frontiers in Systems Neuroscience, 2017, 11, 51.	1.2	21

#	Article	IF	Citations
1301	Neural Plasticity Is Involved in Physiological Sleep, Depressive Sleep Disturbances, and Antidepressant Treatments. Neural Plasticity, 2017, 2017, 1-16.	1.0	12
1302	Integrating Spatial Working Memory and Remote Memory: Interactions between the Medial Prefrontal Cortex and Hippocampus. Brain Sciences, 2017, 7, 43.	1.1	70
1303	Memory for Space, Time, and Episodes â~†. , 2017, , 255-283.		3
1304	Computational Models of Hippocampal Functions â [~] †. , 2017, , 557-578.		0
1305	Segregated Cell Populations Enable Distinct Parallel Encoding within the Radial Axis of the CA1 Pyramidal Layer. Experimental Neurobiology, 2017, 26, 1-10.	0.7	27
1306	Hormones and Memory. , 2017, , 445-462.		0
1307	Interneurons in Synaptic Plasticity and Information Storage. , 2017, , 179-198.		0
1308	Hippocampusâ~†., 2017, , .		0
1309	Gastrointestinal hormones in regulation of memory. Peptides, 2018, 102, 16-25.	1.2	22
1310	Spatial information is preferentially processed by the distal part of CA3: implication for memory retrieval. Behavioural Brain Research, 2018, 347, 116-123.	1.2	17
1311	Neuroadaptations in the dentate gyrus following contextual cued reinstatement of methamphetamine seeking. Brain Structure and Function, 2018, 223, 2197-2211.	1.2	15
1312	New functions of Semaphorin 3E and its receptor PlexinD1 during developing and adult hippocampal formation. Scientific Reports, 2018, 8, 1381.	1.6	18
1313	Characterization of the Glucagonlike Peptide-1 Receptor in Male Mouse Brain Using a Novel Antibody and In Situ Hybridization. Endocrinology, 2018, 159, 665-675.	1.4	90
1314	Novel encoding and updating of positional, or directional, spatial cues are processed by distinct hippocampal subfields: Evidence for parallel information processing and the "what―stream. Hippocampus, 2018, 28, 315-326.	0.9	34
1315	Effects of ¹ H + ¹⁶ O Charged Particle Irradiation on Short-Term Memory and Hippocampal Physiology in a Murine Model. Radiation Research, 2018, 189, 53-63.	0.7	26
1316	Septo–hippocampal interaction. Cell and Tissue Research, 2018, 373, 565-575.	1.5	99
1317	Dentate network activity is necessary for spatial working memory by supporting CA3 sharp-wave ripple generation and prospective firing of CA3 neurons. Nature Neuroscience, 2018, 21, 258-269.	7.1	101
1318	The storage and recall of memories in the hippocampo-cortical system. Cell and Tissue Research, 2018, 373, 577-604.	1.5	129

	CITATION	Report	
# 1319	ARTICLE Efficient Generation of CA3 Neurons from Human Pluripotent Stem Cells Enables Modeling of Hippocampal Connectivity InÂVitro. Cell Stem Cell, 2018, 22, 684-697.e9.	IF 5.2	Citations
1320	Long term potentiation, but not depression, in interlamellar hippocampus CA1. Scientific Reports, 2018, 8, 5187.	1.6	12
1321	Age-dependent expression pattern in the mammalian brain of a novel, small peptide encoded in the 22q11.2 deletion syndrome region. Gene Expression Patterns, 2018, 28, 95-103.	0.3	5
1322	A novel mechanism of memory loss in Alzheimer's disease mice via the degeneration of entorhinal–CA1 synapses. Molecular Psychiatry, 2018, 23, 199-210.	4.1	103
1323	Shedding light on gray(ing) areas: Connectivity and task switching dynamics in aging. Psychophysiology, 2018, 55, e12818.	1.2	13
1324	A synthetic small-molecule Isoxazole-9 protects against methamphetamine relapse. Molecular Psychiatry, 2018, 23, 629-638.	4.1	25
1325	Discovering longâ€ŧerm potentiation (<scp>LTP</scp>) – recollections and reflections on what came after. Acta Physiologica, 2018, 222, e12921.	1.8	37
1326	Differential and complementary roles of medial and lateral septum in the orchestration of limbic oscillations and signal integration. European Journal of Neuroscience, 2018, 48, 2783-2794.	1.2	36
1327	Less means more: The magnitude of synaptic plasticity along the hippocampal dorsoâ€ventral axis is inversely related to the expression levels of plasticityâ€related neurotransmitter receptors. Hippocampus, 2018, 28, 136-150.	0.9	44
1328	Behaviorâ€driven <i>arc</i> expression is reduced in all ventral hippocampal subfields compared to CA1, CA3, and dentate gyrus in rat dorsal hippocampus. Hippocampus, 2018, 28, 178-185.	0.9	46
1329	Unfolding the cognitive map: The role of hippocampal and extra-hippocampal substrates based on a systems analysis of spatial processing. Neurobiology of Learning and Memory, 2018, 147, 90-119.	1.0	39
1330	Neurogenesis and morphological-neural alterations closely related to amyloid β-peptide (25–35)-induced memory impairment in male rats. Neuropeptides, 2018, 67, 9-19.	0.9	20
1331	Comparing and Contrasting the Cognitive Effects of Hippocampal and Ventromedial Prefrontal Cortex Damage: A Review of Human Lesion Studies. Neuroscience, 2018, 374, 295-318.	1.1	111
1332	Glutamatergic Neurotransmission in the Hippocampus. Springer Series in Computational Neuroscience, 2018, , 127-157.	0.3	0
1333	Modeling Contextual Modulation of Memory Associations in the Hippocampus. Frontiers in Human Neuroscience, 2018, 12, 442.	1.0	11
1334	Radial glial cells in the adult dentate gyrus: what are they and where do they come from?. F1000Research, 2018, 7, 277.	0.8	65
1335	Not Itself Histamine, but H3R Antagonists/Inverse Agonist Thioperamide Enhances Long-term Potentiation in the Dentate Gyrus of Urethane- Anesthetized Rats. Journal of Neurology and Neuroscience, 2018, 09, .	0.4	0
1336	Subregional Hippocampal Thickness Abnormalities in Older Adults with a History of Heavy Cannabis Use. Cannabis and Cannabinoid Research, 2018, 3, 242-251.	1.5	27

#	Article	IF	CITATIONS
1337	Exploiting Novelty and Oddity Exploratory Preferences in Rodents to Study Multisensory Object Memory and Perception. Handbook of Behavioral Neuroscience, 2018, 27, 103-123.	0.7	3
1338	Item-Place Encoding Through Hippocampal Long-Term Depression. Handbook of Behavioral Neuroscience, 2018, 27, 273-289.	0.7	7
1339	Supramammillary Nucleus Afferents to the Dentate Gyrus Co-release Glutamate and GABA and Potentiate Granule Cell Output. Cell Reports, 2018, 25, 2704-2715.e4.	2.9	49
1340	Pluchea lanceolata protects hippocampal neurons from endothelin-1 induced ischemic injury to ameliorate cognitive deficits. Journal of Chemical Neuroanatomy, 2018, 94, 75-85.	1.0	9
1341	Recording Day and Night: Advice for New Investigators in the Sleep and Memory Field. Handbook of Behavioral Neuroscience, 2018, , 43-62.	0.7	2
1342	Hippocampal NPY Y2 receptors modulate memory depending on emotional valence and time. Neuropharmacology, 2018, 143, 20-28.	2.0	21
1343	Space and Time: The Hippocampus as a Sequence Generator. Trends in Cognitive Sciences, 2018, 22, 853-869.	4.0	271
1344	The hippocampal sharp wave–ripple in memory retrieval for immediate use and consolidation. Nature Reviews Neuroscience, 2018, 19, 744-757.	4.9	262
1345	Patient-derived frontotemporal lobar degeneration brain extracts induce formation and spreading of TDP-43 pathology in vivo. Nature Communications, 2018, 9, 4220.	5.8	176
1346	Whole-Body 12C Irradiation Transiently Decreases Mouse Hippocampal Dentate Gyrus Proliferation and Immature Neuron Number, but Does Not Change New Neuron Survival Rate. International Journal of Molecular Sciences, 2018, 19, 3078.	1.8	13
1347	Characterization of Brain Dysfunction Induced by Bacterial Lipopeptides That Alter Neuronal Activity and Network in Rodent Brains. Journal of Neuroscience, 2018, 38, 10672-10691.	1.7	8
1348	The memory for time and space differentially engages the proximal and distal parts of the hippocampal subfields CA1 and CA3. PLoS Biology, 2018, 16, e2006100.	2.6	39
1349	Initiation and slow propagation of epileptiform activity from ventral to dorsal medial entorhinal cortex is constrained by an inhibitory gradient. Journal of Physiology, 2018, 596, 2251-2266.	1.3	14
1350	Modulation of Cellular Respiration by Endogenously Produced Nitric Oxide in Rat Hippocampal Slices. Methods in Molecular Biology, 2018, 1782, 89-107.	0.4	0
1351	Loss of thin spines and small synapses contributes to defective hippocampal function in aged mice. Neurobiology of Aging, 2018, 71, 91-104.	1.5	37
1352	Electrophysiological evidence for long-axis intrinsic diversification of the hippocampus. Frontiers in Bioscience - Landmark, 2018, 23, 109-145.	3.0	31
1353	Morphological diversity and connectivity of hippocampal interneurons. Cell and Tissue Research, 2018, 373, 619-641.	1.5	128
1354	Native System and Cultured Cell Electrophysiology for Investigating Anesthetic Mechanisms. Methods in Enzymology, 2018, 602, 301-338.	0.4	3

щ		15	Citations
#	ARTICLE The role of hippocampal adult neurogenesis in methamphetamine addiction. Brain Plasticity, 2018, 3,	IF	CHATIONS
1355	157-168.	1.9	14
1356	A Comprehensive Overview on Stress Neurobiology: Basic Concepts and Clinical Implications. Frontiers in Behavioral Neuroscience, 2018, 12, 127.	1.0	382
1357	Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice. Journal of Neuroscience Research, 2018, 96, 1677-1688.	1.3	39
1358	Routes to, from and within the subiculum. Cell and Tissue Research, 2018, 373, 557-563.	1.5	29
1359	Interactions Between Epilepsy and Plasticity. Pharmaceuticals, 2018, 11, 17.	1.7	39
1360	Spatial information is preferentially processed by the distal part of CA3: Implication for memory retrieval. Behavioural Brain Research, 2018, 354, 31-38.	1.2	15
1361	Hippocampal transection for stereo-electroencephalography–proven dominant mesial temporal lobe epilepsy in a child: a detailed case report and critical review. Journal of Neurosurgery: Pediatrics, 2018, 22, 497-503.	0.8	6
1362	Rat Models of Cognitive Aging. , 2018, , 211-230.		1
1363	Neuroprotective Effects of Nicotine on Hippocampal Long-Term Potentiation in Brain Disorders. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 498-508.	1.3	11
1364	Stores, Channels, Glue, and Trees: Active Glial and Active Dendritic Physiology. Molecular Neurobiology, 2019, 56, 2278-2299.	1.9	21
1365	The basis of cellular and regional vulnerability in Alzheimer's disease. Acta Neuropathologica, 2019, 138, 729-749.	3.9	73
1366	Holistic Recollection via Pattern Completion Involves Hippocampal Subfield CA3. Journal of Neuroscience, 2019, 39, 8100-8111.	1.7	50
1367	Short-term dynamics of input and output of CA1 network greatly differ between the dorsal and ventral rat hippocampus. BMC Neuroscience, 2019, 20, 35.	0.8	10
1368	White matter correlates of contextual pavlovian fear extinction and the role of anxiety in healthy humans. Cortex, 2019, 121, 179-188.	1.1	3
1369	The effects of developmental alcohol exposure on the neurobiology of spatial processing. Neuroscience and Biobehavioral Reviews, 2019, 107, 775-794.	2.9	23
1370	Spatiotemporally random and diverse grid cell spike patterns contribute to the transformation of grid cell to place cell in a neural network model. PLoS ONE, 2019, 14, e0225100.	1.1	6
1371	Interdependence between dorsal and ventral hippocampus during spatial navigation. Brain and Behavior, 2019, 9, e01410.	1.0	23
1372	Multiple hippocampal transections: Post-operative Memory Outcomes and Seizure Control. Epilepsy and Behavior, 2019, 100, 106496.	0.9	7

#	Article	IF	Citations
1373	Functional Compartmentalization of the Contribution of Hippocampal Subfields to Context-Dependent Extinction Learning. Frontiers in Behavioral Neuroscience, 2019, 13, 256.	1.0	13
1374	Amyloid β-Induced Upregulation of Nav1.6 Underlies Neuronal Hyperactivity in Tg2576 Alzheimer's Disease Mouse Model. Scientific Reports, 2019, 9, 13592.	1.6	49
1375	Social Memory and the Role of the Hippocampal CA2 Region. Frontiers in Behavioral Neuroscience, 2019, 13, 233.	1.0	65
1376	Effect of Ozone Exposure on Dendritic Spines of CA1 Pyramidal Neurons of the Dorsal Hippocampus and on Object–place Recognition Memory in Rats. Neuroscience, 2019, 402, 1-10.	1.1	18
1377	The effects of glucocorticoids on depressive and anxiety-like behaviors, mineralocorticoid receptor-dependent cell proliferation regulates anxiety-like behaviors. Behavioural Brain Research, 2019, 362, 288-298.	1.2	10
1378	The Cognitive Control of Eating and Body Weight: It's More Than What You "Think― Frontiers in Psychology, 2019, 10, 62.	1.1	73
1379	Molecular and Cellular Mechanisms Underlying Somatostatin-Based Signaling in Two Model Neural Networks, the Retina and the Hippocampus. International Journal of Molecular Sciences, 2019, 20, 2506.	1.8	15
1380	Inferring the direction of rhythmic neural transmission via inter-regional phase-amplitude coupling (ir-PAC). Scientific Reports, 2019, 9, 6933.	1.6	32
1381	Epilepsy-Induced Reduction in HCN Channel Expression Contributes to an Increased Excitability in Dorsal, But Not Ventral, Hippocampal CA1 Neurons. ENeuro, 2019, 6, ENEURO.0036-19.2019.	0.9	32
1382	NREM sleep in the rodent neocortex and hippocampus reflects excitable dynamics. Nature Communications, 2019, 10, 2478.	5.8	75
1383	Protective effect of potassium 2-(l-hydroxypentyl)-benzoate on hippocampal neurons, synapses and dystrophic axons in APP/PS1 mice. Psychopharmacology, 2019, 236, 2761-2771.	1.5	5
1384	Adult hippocampal neurogenesis for systems consolidation of memory. Behavioural Brain Research, 2019, 372, 112035.	1.2	45
1385	Controlled Cortical Impact Leads to Cognitive and Motor Function Deficits that Correspond to Cellular Pathology in a Piglet Traumatic Brain Injury Model. Journal of Neurotrauma, 2019, 36, 2810-2826.	1.7	13
1386	Dopamine induces release of calcium from internal stores in layer II lateral entorhinal cortex fan cells Cell Calcium, 2019, 80, 103-111.	1.1	11
1387	Functional disconnectivity of the hippocampal network and neural correlates of memory impairment in treatment-resistant depression. Journal of Affective Disorders, 2019, 253, 248-256.	2.0	33
1388	Postmeal Optogenetic Inhibition of Dorsal or Ventral Hippocampal Pyramidal Neurons Increases Future Intake. ENeuro, 2019, 6, ENEURO.0457-18.2018.	0.9	34
1389	Piperine-mediated suppression of voltage-dependent Ca ²⁺ influx and glutamate release in rat hippocampal nerve terminals involves 5HT _{1A} receptors and G protein βγ activation. Food and Function, 2019, 10, 2720-2728.	2.1	14
1390	Endocannabinoid long-term depression revealed at medial perforant path excitatory synapses in the dentate gyrus. Neuropharmacology, 2019, 153, 32-40.	2.0	25

#	Article	IF	CITATIONS
1391	Pre-treatment with microRNA-181a Antagomir Prevents Loss of Parvalbumin Expression and Preserves Novel Object Recognition Following Mild Traumatic Brain Injury. NeuroMolecular Medicine, 2019, 21, 170-181.	1.8	14
1392	Disrupting the medial prefrontal cortex alters hippocampal sequences during deliberative decision making. Journal of Neurophysiology, 2019, 121, 1981-2000.	0.9	77
1393	Axonal Anatomy Optimizes Spatial Encoding in the Rat Entorhinal-Dentate System: A Computational Study. IEEE Transactions on Biomedical Engineering, 2019, 66, 2728-2739.	2.5	6
1394	Pathogenic tau modifications occur in axons before the somatodendritic compartment in mossy fiber and Schaffer collateral pathways. Acta Neuropathologica Communications, 2019, 7, 29.	2.4	14
1395	Burst Firing and Spatial Coding in Subicular Principal Cells. Journal of Neuroscience, 2019, 39, 3651-3662.	1.7	42
1396	Pathway specific activation of ventral hippocampal cells projecting to the prelimbic cortex diminishes fear renewal. Neurobiology of Learning and Memory, 2019, 161, 63-71.	1.0	23
1397	Self-propagating, non-synaptic epileptiform activity recruits neurons by endogenous electric fields. Experimental Neurology, 2019, 317, 119-128.	2.0	27
1398	Functions of Plexins/Neuropilins and Their Ligands during Hippocampal Development and Neurodegeneration. Cells, 2019, 8, 206.	1.8	17
1399	A Key Role for Subiculum-Fornix Connectivity in Recollection in Older Age. Frontiers in Systems Neuroscience, 2018, 12, 70.	1.2	20
1400	A Role of Drd2 Hippocampal Neurons in Context-Dependent Food Intake. Neuron, 2019, 102, 873-886.e5.	3.8	54
1400 1401	A Role of Drd2 Hippocampal Neurons in Context-Dependent Food Intake. Neuron, 2019, 102, 873-886.e5. Hippocampus and Hippocampal Neurons. , 2019, , 57-68.	3.8	54 3
		3.8 0.9	
1401	Hippocampus and Hippocampal Neurons. , 2019, , 57-68.		3
1401 1402	Hippocampus and Hippocampal Neurons. , 2019, , 57-68. Three brain states in the hippocampus and cortex. Hippocampus, 2019, 29, 184-238.	0.9	3 49
1401 1402 1403	 Hippocampus and Hippocampal Neurons. , 2019, , 57-68. Three brain states in the hippocampus and cortex. Hippocampus, 2019, 29, 184-238. Exercise and Hippocampal Memory Systems. Trends in Cognitive Sciences, 2019, 23, 318-333. Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. Journal of Neurology, 	0.9	3 49 141
1401 1402 1403 1404	 Hippocampus and Hippocampal Neurons. , 2019, , 57-68. Three brain states in the hippocampus and cortex. Hippocampus, 2019, 29, 184-238. Exercise and Hippocampal Memory Systems. Trends in Cognitive Sciences, 2019, 23, 318-333. Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 688-694. Heterogeneity within classical cell types is the rule: lessons from hippocampal pyramidal neurons. 	0.9 4.0 0.9	3 49 141 17
1401 1402 1403 1404 1405	 Hippocampus and Hippocampal Neurons. , 2019, , 57-68. Three brain states in the hippocampus and cortex. Hippocampus, 2019, 29, 184-238. Exercise and Hippocampal Memory Systems. Trends in Cognitive Sciences, 2019, 23, 318-333. Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 688-694. Heterogeneity within classical cell types is the rule: lessons from hippocampal pyramidal neurons. Nature Reviews Neuroscience, 2019, 20, 193-204. 	0.9 4.0 0.9 4.9	3 49 141 17 171

#	Article	IF	CITATIONS
1409	Neural Dynamics Indicate Parallel Integration of Environmental and Self-Motion Information by Place and Grid Cells. Frontiers in Neural Circuits, 2019, 13, 59.	1.4	6
1410	Life and death in the hippocampus: What's bad?. Epilepsy and Behavior, 2021, 121, 106595.	0.9	19
1411	Suicide and suicide risk. Nature Reviews Disease Primers, 2019, 5, 74.	18.1	450
1412	Central Nervous System Physiology. , 2019, , 145-173.		2
1413	Function of local circuits in the hippocampal dentate gyrus-CA3 system. Neuroscience Research, 2019, 140, 43-52.	1.0	40
1414	Genetic architecture of hippocampal subfields on standard resolution MRI: How the parts relate to the whole. Human Brain Mapping, 2019, 40, 1528-1540.	1.9	16
1415	α5GABAA subunit-containing receptors and sweetened alcohol cue-induced reinstatement and active sweetened alcohol self-administration in male rats. Psychopharmacology, 2019, 236, 1797-1806.	1.5	6
1416	Neural stem cell niche heterogeneity. Seminars in Cell and Developmental Biology, 2019, 95, 42-53.	2.3	75
1417	Hippocampal Lateralization and Synaptic Plasticity in the Intact Rat: No Left–Right Asymmetry in Electrically Induced CA3-CA1 Long-Term Potentiation. Neuroscience, 2019, 397, 147-158.	1.1	17
1418	α4βÎ′ GABAA Receptors Trigger Synaptic Pruning and Reduce Dendritic Length of Female Mouse CA3 Hippocampal Pyramidal Cells at Puberty. Neuroscience, 2019, 398, 23-36.	1.1	13
1419	The unreasonable effectiveness of small neural ensembles in high-dimensional brain. Physics of Life Reviews, 2019, 29, 55-88.	1.5	46
1420	High-Dimensional Brain: A Tool for Encoding and Rapid Learning of Memories by Single Neurons. Bulletin of Mathematical Biology, 2019, 81, 4856-4888.	0.9	32
1421	Hippocampal coupling with cortical and subcortical structures in the context of memory consolidation. Neurobiology of Learning and Memory, 2019, 160, 21-31.	1.0	61
1422	Synaptic Potentiation at Basal and Apical Dendrites of Hippocampal Pyramidal Neurons Involves Activation of a Distinct Set of Extracellular and Intracellular Molecular Cues. Cerebral Cortex, 2019, 29, 283-304.	1.6	27
1423	Stress early in life leads to cognitive impairments, reduced numbers of CA3 neurons and altered maternal behavior in adult female mice. Genes, Brain and Behavior, 2020, 19, e12541.	1.1	27
1424	Dentate gyrus volume deficit in schizophrenia. Psychological Medicine, 2020, 50, 1267-1277.	2.7	20
1425	Orchestration of Hippocampal Information Encoding by the Piriform Cortex. Cerebral Cortex, 2020, 30, 135-147.	1.6	17
1426	Reduced GluN1 in mouse dentate gyrus is associated with CA3 hyperactivity and psychosis-like behaviors. Molecular Psychiatry, 2020, 25, 2832-2843.	4.1	20

Сп	ION	REPO	דאר
<u> </u>		TYPE I V	

#	Article	IF	CITATIONS
1427	Differential developmental refinement of the intrinsic electrophysiological properties of CA1 pyramidal neurons from the rat dorsal and ventral hippocampus. Hippocampus, 2020, 30, 233-249.	0.9	8
1428	Update on temporal lobeâ€dependent information processing, in health and disease. European Journal of Neuroscience, 2020, 51, 2159-2204.	1.2	15
1429	Allocentric representations of space in the hippocampus. Neuroscience Research, 2020, 153, 1-7.	1.0	16
1430	Inactivation of ATRX in forebrain excitatory neurons affects hippocampal synaptic plasticity. Hippocampus, 2020, 30, 565-581.	0.9	7
1431	Regulation of hippocampal dendritic spines following sleep deprivation. Journal of Comparative Neurology, 2020, 528, 380-388.	0.9	33
1432	Anatomically guided examination of extrinsic connectivity gradients in the human hippocampus. Cortex, 2020, 128, 312-317.	1.1	4
1433	Competitive and cooperative interactions between medial temporal and striatal learning systems. Neuropsychologia, 2020, 136, 107257.	0.7	22
1434	Know safety, no fear. Neuroscience and Biobehavioral Reviews, 2020, 108, 218-230.	2.9	89
1435	Distinct directional couplings between slow and fast gamma power to the phase of theta oscillations in the rat hippocampus. European Journal of Neuroscience, 2020, 51, 2070-2081.	1.2	13
1436	The neural circuitry supporting successful spatial navigation despite variable movement speeds. Neuroscience and Biobehavioral Reviews, 2020, 108, 821-833.	2.9	5
1437	Differential modulation of short-term plasticity at hippocampal mossy fiber and Schaffer collateral synapses by mitochondrial Ca2+. PLoS ONE, 2020, 15, e0240610.	1.1	0
1438	Robust parallel decision-making in neural circuits with nonlinear inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25505-25516.	3.3	7
1439	Neurotoxic effects of lactational exposure to perfluorooctane sulfonate on learning and memory in adult male mouse. Food and Chemical Toxicology, 2020, 145, 111710.	1.8	17
1442	Neumomediastino espontáneo en la dermatomiositis. Archivos De Bronconeumologia, 2020, 56, 668.	0.4	2
1444	P.593 Association between affective temperaments and mood features in bipolar disorder II: the role of insomnia and chronobiological rhythms desynchronization. European Neuropsychopharmacology, 2020, 40, S336-S337.	0.3	0
1445	Omissions of Care in Nursing Homes: A Uniform Definition for Research and Quality Improvement. Journal of the American Medical Directors Association, 2020, 21, 1587-1591.e2.	1.2	2
1449	Rapanui glossary. , 2020, , ix-xi.		0
1451	61P Immune check point inhibitors (ICIs) in cancer therapy: An experience from a resource poor and developing country. Annals of Oncology, 2020, 31, S1440.	0.6	0

#	Article	IF	CITATIONS
1452	Physical Therapists' Role in Health and Wellness Promotion for People with Musculoskeletal Conditions: A Qualitative Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, e148.	0.5	0
1453	Effects of fabrication processes and tape thickness on tensile properties of chopped carbon fiber tape reinforced thermoplastics. Composites Communications, 2020, 22, 100434.	3.3	5
1454	Surgical approach for duodenal diverticulum perforation: A case report. International Journal of Surgery Case Reports, 2020, 76, 217-220.	0.2	4
1455	Lightweight and host-based denial of service (DoS) detection and defense mechanism for resource-constrained IoT devices. Internet of Things (Netherlands), 2020, 12, 100319.	4.9	17
1456	Raman and optical microscopy of bone micro-residues on cobbles from the Cerutti mastodon site. Journal of Archaeological Science: Reports, 2020, 34, 102656.	0.2	4
1457	Holocene paleoenvironmental changes in mud area southwest off Cheju Island, East China Sea: Evidence from benthic foraminiferal assemblages and stable isotope records. Marine Geology, 2020, 429, 106319.	0.9	4
1459	Letter to the Editor Regarding "First Report of Traumatic Brain Injury in Luanda, Angola― World Neurosurgery, 2020, 144, 333.	0.7	0
1461	Psychometric properties of the Persian language person-centered climate questionnaire – Patient version (PCQ-P). Heliyon, 2020, 6, e05154.	1.4	2
1462	Left Main Trunk Occlusion Caused by In-Stent Neointimal Dissection. JACC: Cardiovascular Interventions, 2020, 13, e175-e176.	1.1	1
1463	Synthesis, characterization and antibacterial activity of metalloporphyrins: Role of central metal ion. Results in Chemistry, 2020, 2, 100073.	0.9	28
1464	A case of Pearsonema eggs in the urine sediment of a cat in Trinidad. Veterinary Parasitology: Regional Studies and Reports, 2020, 22, 100491.	0.3	2
1465	Colonic mucinous adenocarcinoma with secondary in the breast: A case report and literature review. International Journal of Surgery Case Reports, 2020, 76, 364-371.	0.2	0
1466	On the soldering techniques of gold objects from the Boma site, Xinjiang, China. Journal of Archaeological Science: Reports, 2020, 33, 102572.	0.2	0
1467	Improving ship yard ballast pumps' operations: A PCA approach to predictive maintenance. Maritime Transport Research, 2020, 1, 100003.	1.5	1
1468	Classification of breast ultrasound with human-rating Bl-RADS scores using mined diagnostic patterns and optimized neuro-network. Neurocomputing, 2020, 417, 536-542.	3.5	4
1469	Evidence of complement dysregulation in outer retina of Stargardt disease donor eyes. Redox Biology, 2020, 37, 101787.	3.9	10
1471	A comprehensive review of energy sources for unmanned aerial vehicles, their shortfalls and opportunities for improvements. Heliyon, 2020, 6, e05285.	1.4	60
1472	Fournier's gangrene by perianal abscess. Journal of Coloproctology, 2020, 40, 334-338.	0.1	1

#	Article	IF	CITATIONS
1473	An Overview on the Differential Interplay Among Neurons–Astrocytes–Microglia in CA1 and CA3 Hippocampus in Hypoxia/Ischemia. Frontiers in Cellular Neuroscience, 2020, 14, 585833.	1.8	48
1474	Mitochondrial Oxidative Stress Induces Rapid Intermembrane Space/Matrix Translocation of Apurinic/Apyrimidinic Endonuclease 1 Protein through TIM23 Complex. Journal of Molecular Biology, 2020, 432, 166713.	2.0	11
1476	Hereditary methaemoglobinemia caused by haemoglobin M Boston. Lancet Haematology,the, 2020, 7, e912.	2.2	0
1477	The connection of mitochondrial genome mutations with atherosclerosis. Atherosclerosis, 2020, 315, e112-e113.	0.4	0
1478	Influence of NMDA-receptors antagonist on pancreatic beta-cells apoptosis markers in normoglycemic rats. Atherosclerosis, 2020, 315, e199.	0.4	0
1479	Non-surgical techniques for facial rejuvenation. British Journal of Oral and Maxillofacial Surgery, 2020, 58, e139.	0.4	0
1480	Thyroid surgery by maxillofacial surgeons. British Journal of Oral and Maxillofacial Surgery, 2020, 58, e191.	0.4	0
1481	Requisite Chromatin Remodeling for Myeloid and Erythroid Lineage Differentiation from Erythromyeloid Progenitors. Cell Reports, 2020, 33, 108395.	2.9	6
1482	Multi-objective scheduling in labor-intensive manufacturing systems. Journal of Manufacturing Systems, 2020, 57, 469-483.	7.6	1
1485	Follow-up in the field of reproductive medicine: an ethical exploration. Reproductive BioMedicine Online, 2020, 41, 1144-1150.	1.1	2
1486	Hemorragia alveolar difusa en pacientes con lupus eritematoso sistémico. ReumatologÃa ClÃnica, 2020, 18, 84-84.	0.2	3
1487	Harmful marketing to children. Lancet, The, 2020, 396, 1734-1735.	6.3	2
1489	WNT5A promotes endosomal cholesterol trafficking to the er and protects against atherosclerosis. Atherosclerosis, 2020, 315, e20.	0.4	0
1490	Estimation of 2D distributions of electron density and temperature in the JET divertor from tomographic reconstructions of deuterium Balmer line emission. Nuclear Materials and Energy, 2020, 25, 100831.	0.6	7
1491	Introductions to the Community: Early-Career Researchers in the Time of COVID-19. Cell Stem Cell, 2020, 27, 853-855.	5.2	0
1492	When periphery matters: Enhanced reactivity of 8-oxa-1,4-dithiaspiro[4.5]decane-7,9-dione and 9-oxa-1,5-dithiaspiro[5.5]undecane-8,10-dione in the Castagnoli-Cushman reaction with imines. Tetrahedron Letters, 2020, 61, 152658.	0.7	2
1495	DNA damaging agents in ovarian cancer. European Journal of Cancer, Supplement, 2020, 15, 67-72.	2.2	2
1496	Associations of Residential Greenness with Depression and Anxiety in Rural Chinese Adults. Innovation(China), 2020, 1, 100054.	5.2	18

#	Article	IF	Citations
1497	16958 Frequent symptomatic and emotional struggles impact all aspects of quality of life in patients with psoriasis: A qualitative study. Journal of the American Academy of Dermatology, 2020, 83, AB189.	0.6	0
1498	17958 The quantification and measurement of nasal hairs in a cadaveric population. Journal of the American Academy of Dermatology, 2020, 83, AB203.	0.6	0
1499	Profile and correlates of injecting-related injuries and diseases among people who inject drugs in Australia. Drug and Alcohol Dependence, 2020, 216, 108267.	1.6	13
1500	Temporal changes of a food web structure driven by different primary producers in a subtropical eutrophic lagoon. Marine Environmental Research, 2020, 161, 105128.	1.1	14
1502	Functional, Morphological, and Evolutionary Characterization of Hearing in Subterranean, Eusocial African Mole-Rats. Current Biology, 2020, 30, 4329-4341.e4.	1.8	19
1503	Fabrication of a CAD-CAM custom healing abutment guided by a conventional dental radiograph for delayed loaded dental implants: A dental technique. Journal of Prosthetic Dentistry, 2022, 127, 49-54.	1.1	2
1504	Reforming of toluene as a tar model compound over straw char containing fly ash. Biomass and Bioenergy, 2020, 141, 105657.	2.9	8
1505	Off to the Races: Investigating Translational Control of Antioxidant mRNAs. Free Radical Biology and Medicine, 2020, 159, S17.	1.3	0
1506	Long Non-coding RNA MALAT1 and the Antioxidant Defense System in Diabetic Retinopathy. Free Radical Biology and Medicine, 2020, 159, S118-S119.	1.3	0
1507	Analysis and evaluation of the joint examination by the Rheumatology Group of the National University of Colombia. Revista Colombiana De ReumatologÃa (English Edition), 2020, 27, 147-148.	0.1	0
1508	Donkey genomes provide new insights into domestication and selection for coat color. Nature Communications, 2020, 11, 6014.	5.8	63
1509	Determinants of adolescents high-risk sexual behavior in SMK 8 and MegaRezky Health Vocational School Makassar. EnfermerÃa ClÃnica, 2020, 30, 273-277.	0.1	1
1510	Molecular typing of drug-resistant Mycobacterium tuberculosis strains from Turkey. Journal of Global Antimicrobial Resistance, 2020, 23, 130-134.	0.9	9
1511	High resolution structural refinement and band gap characterization of the defect chalcopyrites Culn5Te8, AgIn5Te8 and AuIn5Te8. Journal of Solid State Chemistry, 2020, 292, 121752.	1.4	0
1512	REducing Delay through edUcation on eXacerbations (REDUX) in patients with COPD: a pilot study. Clinical EHealth, 2020, 3, 63-68.	4.1	2
1513	A randomized controlled trial comparing the efficacies of ketorolac and parecoxib for early pain management after total knee arthroplasty. Knee, 2020, 27, 1708-1714.	0.8	10
1514	Open-source automated centrifugal pump test rig. HardwareX, 2020, 8, e00140.	1.1	1
1515	INCIDENCE AND PREDICTORS OF ADVERSE EVENTS AMONG INITIALLY STABLE ST-ELEVATION MYOCARDIAL INFARCTION PATIENTS FOLLOWING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: IMPLICATIONS FOR CRITICAL CARE RESOURCE UTILIZATION. Canadian Journal of Cardiology, 2020, 36, S11-S12.	0.8	0

#	Article	IF	CITATIONS
1516	Positive histologic margins is a risk factor of recurrence after ileocaecal resection in Crohn's disease. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101569.	0.7	5
1517	Low-cost contactless monitoring of aseptic package integrity and content quality using capacitance. Food Packaging and Shelf Life, 2020, 26, 100598.	3.3	4
1518	Isolated cerebral mucormycosis associated with intravenous drug use. Journal De Mycologie Medicale, 2020, 30, 101046.	0.7	2
1519	Effect of variable drill pipe sizes on casing wear collapse strength. Journal of Petroleum Science and Engineering, 2020, 195, 107856.	2.1	5
1521	Narratives of home and neighbourhood within state-subsidised aged housing in Durban, South Africa. Journal of Aging Studies, 2020, 54, 100864.	0.7	2
1522	Study on warm formability of aluminum alloy 2219 in hemispherical part conventional spinning. Procedia Manufacturing, 2020, 50, 45-50.	1.9	1
1525	An agent-based simulation of occupancy schedule in office buildings. Building and Environment, 2020, 186, 107352.	3.0	23
1526	Research on Degree of Freedom of Secondary Mirror Truss Mechanism Based on Screw Theory and Geometry Algebra Applied on Large Telescopes. Optik, 2020, 224, 165474.	1.4	0
1528	Input-Output Relationship of CA1 Pyramidal Neurons Reveals Intact Homeostatic Mechanisms in a Mouse Model of Fragile X Syndrome. Cell Reports, 2020, 32, 107988.	2.9	37
1529	Farmland fragmentation and defragmentation nexus: Scoping the causes, impacts, and the conditions determining its management decisions. Ecological Indicators, 2020, 119, 106828.	2.6	40
1530	Effect of moringa oleifera cookies to improve quality of breastmilk. EnfermerÃa ClÃnica, 2020, 30, 99-103.	0.1	4
1531	Hebeloma psammophilum from North Wales - new to Britain. Field Mycology, 2020, 21, 135-137.	0.0	0
1532	Is Arthroscopic Surgery Useful in Management of Prosthetic Temporomandibular Joint Failure? A Follow-Up Case Series. Journal of Oral and Maxillofacial Surgery, 2020, 78, e37-e38.	0.5	0
1534	SOX2-mediated 5hmC dysregulation in GBM Stem Cells. European Journal of Cancer, 2020, 138, S33-S34.	1.3	0
1536	Feasibility of Recruiting Adults with Traumatic Brain Injury for an Aerobic Exercise Intervention Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, e33-e34.	0.5	0
1537	Predicting the Handgrip Strength across the Age Span: Validating Reference Equations from the 2011 NIH Toolbox Norming Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, e57.	0.5	1
1538	Trajectory of Perceived Stress in Stroke Survivors with Aphasia. Archives of Physical Medicine and Rehabilitation, 2020, 101, e69-e70.	0.5	1
1539	Perceived Usability and Acceptability of a Soft Robotic Glove for Rehabilitation of Adults With Hand Hemiparesis: A Mixed-Method Study Among Occupational Therapists in Stroke Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2020, 101, e101.	0.5	1

#	Article	IF	CITATIONS
1540	The Effectiveness of Brain-Computer Interface-Based Electromagnetic Field Treatment in Persons with SCI. Archives of Physical Medicine and Rehabilitation, 2020, 101, e106.	0.5	0
1542	CLICK-ID: A novel dataset for Indonesian clickbait headlines. Data in Brief, 2020, 32, 106231.	0.5	7
1543	Sanitation of Ro-Ro vessel at the port of ferry branch Merak Banten – Indonesia. EnfermerÃa ClÃnica, 2020, 30, 213-215.	0.1	1
1544	6 - Variation in Patient-Described Barriers and Facilitators to Diabetes Self-Management by Glycemic Control and Individual-Level Characteristics. Canadian Journal of Diabetes, 2020, 44, S3.	0.4	0
1545	76 - Antiapoptotic Bcl-xL Preserves the Transcriptional, Morphological and Functional Integrity of β-Cell Mitochondria During Chronic Glucose Excess. Canadian Journal of Diabetes, 2020, 44, S31.	0.4	0
1546	Numerical Study of Seismic Behavior of Light-Gauge Cold-Formed Steel Stud Walls. Journal of Constructional Steel Research, 2020, 174, 106307.	1.7	9
1547	A novel flexible Ag/AgCl quasi-reference electrode based on silver nanowires toward ultracomfortable electrophysiology and sensitive electrochemical glucose detection. Journal of Materials Research and Technology, 2020, 9, 13425-13433.	2.6	12
1549	Recurrent pattern of picophytoplankton dynamics in estuaries around the world: The case of RÃo de la Plata. Marine Environmental Research, 2020, 161, 105136.	1.1	5
1550	How to pass the national selection interview. Surgery, 2020, 38, 591-595.	0.1	0
1551	Pulsed THz imaging for thickness characterization of plastic sheets. NDT and E International, 2020, 116, 102338.	1.7	20
1553	Generation of genomic-integration-free human induced pluripotent stem cells and the derived cardiomyocytes of X-linked dilated cardiomyopathy from DMD gene mutation. Stem Cell Research, 2020, 49, 102040.	0.3	2
1554	Rapid and ultrasensitive detection of Salmonella typhimurium using a novel impedance biosensor based on SiO2@MnO2 nanocomposites and interdigitated array microelectrodes. Sensors and Actuators B: Chemical, 2020, 324, 128654.	4.0	30
1555	Involvement of the Postrhinal and Perirhinal Cortices in Microscale and Macroscale Visuospatial Information Encoding. Frontiers in Behavioral Neuroscience, 2020, 14, 556645.	1.0	10
1556	Toward a Unified Framework for Cognitive Maps. Neural Computation, 2020, 32, 2455-2485.	1.3	0
1557	Generation of Sharp Wave-Ripple Events by Disinhibition. Journal of Neuroscience, 2020, 40, 7811-7836.	1.7	25
1558	Les dimensions incarnée et interpersonnelle de la compassion. Annales Medico-Psychologiques, 2022, 180, S57-S65.	0.2	6
1559	Stress-related memories disrupt sociability and associated patterning of hippocampal activity: a role of hilar oxytocin receptor-positive interneurons. Translational Psychiatry, 2020, 10, 428.	2.4	10
1560	Du parricide rêvé à l'infanticide réel, ou l'expertise mentale dans tous ses états. Annales Medico-Psychologiques, 2020, 178, 760-767.	0.2	0

#	Article	IF	CITATIONS
1561	Development of a PCR-RFLP method for detection of D614G mutation in SARS-CoV-2. Infection, Genetics and Evolution, 2020, 86, 104625.	1.0	9
1562	Development and Optimization of a Hydrophobic Interaction Chromatography-Based Method of AAV Harvest, Capture, and Recovery. Molecular Therapy - Methods and Clinical Development, 2020, 19, 275-284.	1.8	17
1563	Considerations on water quality and the use of chlorine in times of SARS-CoV-2 (COVID-19) pandemic in the community. Case Studies in Chemical and Environmental Engineering, 2020, 2, 100049.	2.9	48
1564	Nutritional assessment in hospitalised children with cystic fibrosis. Clinical Nutrition ESPEN, 2020, 40, 452-453.	0.5	0
1565	GDF-15, FGF-21 and myomirs in patients with gastrointestinal cancer. Clinical Nutrition ESPEN, 2020, 40, 463.	0.5	0
1566	Nutritional profile and digestive symptoms of Covid-19 patients in a private hospital in Brazil. Clinical Nutrition ESPEN, 2020, 40, 494.	0.5	0
1567	Influence of a diet based on different bread types on the intestinal barrier and inflammatory mechanisms in a mouse model of IBD. Clinical Nutrition ESPEN, 2020, 40, 526.	0.5	0
1568	Development and alpha-testing of a decision aid about enteral feeding in children. Clinical Nutrition ESPEN, 2020, 40, 574-575.	0.5	0
1569	Intake of foods is worse in the patients with dementia with lewy bodies than alzheimer's disease. Clinical Nutrition ESPEN, 2020, 40, 585-586.	0.5	1
1570	Correlation between kidney function and muscle wasting in hospitalized patients. Clinical Nutrition ESPEN, 2020, 40, 612.	0.5	Ο
1571	Microstructure and thermo-physical properties of Cu Ti double-layer coated diamond/Cu composites fabricated by spark plasma sintering. Diamond and Related Materials, 2020, 109, 108041.	1.8	9
1572	Practice of spinal anesthesia among anesthetists in the operation room of referral hospital: Cross-sectional study. International Journal of Surgery Open, 2020, 27, 145-148.	0.2	2
1574	Identification of microRNA-target genes in mice hippocampus at 1 week after pilocarpine-induced status epilepticus. Biochemical and Biophysical Research Communications, 2020, 531, 275-281.	1.0	1
1575	Data-Driven Polymer Model for Mechanistic Exploration of Diploid Genome Organization. Biophysical Journal, 2020, 119, 1905-1916.	0.2	45
1576	Macrophage responses associated with COVID-19: A pharmacological perspective. European Journal of Pharmacology, 2020, 887, 173547.	1.7	27
1577	Fingerprint liveness detection through fusion of pores perspiration and texture features. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4089-4098.	2.7	5
1578	Post-concussive symptom endorsement and symptom attribution following remote mild traumatic brain injury in combat-exposed Veterans: An exploratory study. Journal of Psychiatric Research, 2020, 130, 224-230.	1.5	10
1579	An optimized approach using cryofixation for high-resolution 3D analysis by FIB-SEM. Journal of Structural Biology, 2020, 212, 107600.	1.3	7

#	Article	IF	CITATIONS
1580	Diagnostic and treatment delay in primary hyperparathyroidism. A pending issue. EndocrinologÃa Diabetes Y Nutrición (English Ed), 2020, 67, 357-363.	0.1	0
1581	3D numerical study on syngas production in a structured packed bed with connected pellets. International Journal of Hydrogen Energy, 2020, 45, 32579-32588.	3.8	7
1583	P-360 EGFR-inhibitors in metastatic wild-type RAS colorectal cancer: Experience of the oncology department of Mohammed VI University Hospital in Marrakech. Annals of Oncology, 2020, 31, S206.	0.6	0
1588	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. Advanced Drug Delivery Reviews, 2020, 160, 234-243.	6.6	28
1589	108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute Post-Traumatic Headache. Annals of Emergency Medicine, 2020, 76, S42.	0.3	0
1590	158 Emergency Department Patients Presenting With Spontaneous Pneumomediastinum: A Retrospective Observational Cohort Study. Annals of Emergency Medicine, 2020, 76, S61-S62.	0.3	0
1591	Potential predictive value of SCN4A mutation status for immune checkpoint inhibitors in melanoma. Biomedicine and Pharmacotherapy, 2020, 131, 110633.	2.5	6
1592	Hematology profile in severe preeclampsia at the mother and child hospital of Makassar city. EnfermerÃa ClÃnica, 2020, 30, 630-633.	0.1	0
1594	High-performance Al2O3–Ce:YAG ceramics for white LED and LD by the optimization of Ce3+ concentration. Optical Materials, 2020, 108, 110448.	1.7	14
1597	Sedative effects of alfaxalone and hydromorphone with or without midazolam in cats. Veterinary Anaesthesia and Analgesia, 2020, 47, 855.e12.	0.3	0
1599	Prognostic value of supar and hs-crp on postoperative mortality following on-pump cardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, S51-S52.	0.6	0
1600	<i>CACNA1C</i> polymorphism and brain cortical structure in bipolar disorder. Journal of Psychiatry and Neuroscience, 2020, 45, 182-187.	1.4	10
1601	Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. Brazilian Journal of Otorhinolaryngology, 2022, 88, 657-662.	0.4	2
1602	Socioeconomic and ecological direct and spillover effects of China's giant panda nature reserves. Forest Policy and Economics, 2020, 121, 102313.	1.5	10
1603	A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. JACC: Case Reports, 2020, 2, 2191-2195.	0.3	3
1605	NeumonÃa intersticial linfocÃtica en una paciente con lupus eritematoso sistémico y sÃndrome de Sjögren secundario: reporte de caso y revisión de la literatura. Revista Colombiana De ReumatologÃa, 2020, 27, 152-157.	0.0	0
1606	The Role of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Signaling in the Hippocampal Dentate Gyrus. Frontiers in Cellular Neuroscience, 2020, 14, 111.	1.8	23
1607	Differential propagation of ripples along the proximodistal and septotemporal axes of dorsal CA1 of rats. Hippocampus, 2020, 30, 970-986.	0.9	6

#	Article	IF	CITATIONS
1608	Impairment of learning and memory induced by perinatal exposure to BPA is associated with ERI±-mediated alterations of synaptic plasticity and PKC/ERK/CREB signaling pathway in offspring rats. Brain Research Bulletin, 2020, 161, 43-54.	1.4	32
1609	Long-term potentiation of the nucleus reuniens and entorhinal cortex to CA1 distal dendritic synapses in mice. Brain Structure and Function, 2020, 225, 1817-1838.	1.2	14
1610	Parallel processing streams in the hippocampus. Current Opinion in Neurobiology, 2020, 64, 127-134.	2.0	46
1611	Differential Generation of Saccade, Fixation, and Image-Onset Event-Related Potentials in the Human Mesial Temporal Lobe. Cerebral Cortex, 2020, 30, 5502-5516.	1.6	23
1612	Functionally Distinct Neuronal Ensembles within the Memory Engram. Cell, 2020, 181, 410-423.e17.	13.5	153
1613	Diffusion MRI revealed altered inter-hippocampal projections in the mouse brain after intrauterine inflammation. Brain Imaging and Behavior, 2020, 14, 383-395.	1.1	5
1614	Laser microdissection-based microproteomics of the hippocampus of a rat epilepsy model reveals regional differences in protein abundances. Scientific Reports, 2020, 10, 4412.	1.6	17
1615	A Novel Sulfonamide, 4-FS, Reduces Ethanol Drinking and Physical Withdrawal Associated With Ethanol Dependence. International Journal of Molecular Sciences, 2020, 21, 4411.	1.8	4
1616	Simulations reveal how M-currents and memory-based inputs from CA3 enable single neuron mismatch detection for EC3 inputs to the CA1 subfield of hippocampus. Journal of Neurophysiology, 2020, 124, 544-556.	0.9	4
1617	Initial memory consolidation and the synaptic tagging and capture hypothesis. European Journal of Neuroscience, 2021, 54, 6826-6849.	1.2	36
1618	Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. Brain Structure and Function, 2020, 225, 705-734.	1.2	11
1619	BDNF Expression in Cortical GABAergic Interneurons. International Journal of Molecular Sciences, 2020, 21, 1567.	1.8	21
1620	TLR2 deficiency attenuated chronic intermittent hypoxia-induced neurocognitive deficits. International Immunopharmacology, 2020, 81, 106284.	1.7	7
1621	Functional mosaic organization of neuroligins in neuronal circuits. Cellular and Molecular Life Sciences, 2020, 77, 3117-3127.	2.4	3
1622	Complementary roles of differential medial entorhinal cortex inputs to the hippocampus for the formation and integration of temporal and contextual memory (Systems Neuroscience). European Journal of Neuroscience, 2021, 54, 6762-6779.	1.2	19
1623	On the boundary conditions of avoidance memory reconsolidation: An attractor network perspective. Neural Networks, 2020, 127, 96-109.	3.3	1
1624	Maturation of newborn neurons predicts social memory persistence in mice. Neuropharmacology, 2020, 171, 108102.	2.0	2
1625	Small lesions of the dorsal or ventral hippocampus subregions are associated with distinct impairments in working memory and reference memory retrieval, and combining them attenuates the acquisition rate of spatial reference memory. Hippocampus, 2020, 30, 938-957.	0.9	17

#	Article	IF	CITATIONS
1626	Multiple Maps of the Same Spatial Context Can Stably Coexist in the Mouse Hippocampus. Current Biology, 2020, 30, 1467-1476.e6.	1.8	53
1627	In Vivo Characterization of Neurophysiological Diversity in the Lateral Supramammillary Nucleus during Hippocampal Sharp-wave Ripples of Adult Rats. Neuroscience, 2020, 435, 95-111.	1.1	5
1628	Observed failures at railway turnouts: Failure analysis, possible causes and links to current and future research. Engineering Failure Analysis, 2021, 119, 104987.	1.8	29
1629	Human Connection and Technology Connectivity: A Systematic Review of Available Telehealth Survey Instruments. Journal of Pain and Symptom Management, 2021, 61, 1042-1051.e2.	0.6	20
1630	An alternative ADN based monopropellant mixed with tetraglyme. Acta Astronautica, 2021, 178, 241-249.	1.7	10
1631	Redistribution of gangliosides accompanies thermally induced Na+, K+-ATPase activity alternation and submembrane localisation in mouse brain. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183475.	1.4	4
1632	Adapting the algal microbiome for growth on domestic landfill leachate. Bioresource Technology, 2021, 319, 124246.	4.8	22
1633	Elastic inter-story drift seismic demand estimate of super high-rise buildings using coupled flexural-shear model with mass and stiffness non-uniformities. Engineering Structures, 2021, 226, 111378.	2.6	13
1634	Analyzing efficiency of optical and THz infrared thermography in nondestructive testing of GFRPs by using the Tanimoto criterion. NDT and E International, 2021, 117, 102383.	1.7	5
1635	Breath-, air- and surface-borne SARS-CoV-2 in hospitals. Journal of Aerosol Science, 2021, 152, 105693.	1.8	89
1636	Electronic coupling enhanced PtCo/CeO2 hybrids as highly active catalysts for the key dehydrogenation step in conversion of bio-derived polyols. Chemical Engineering Science, 2021, 229, 116060.	1.9	8
1637	Distribution of acetylcholinesterase in the hippocampal formation of the Atlantic whiteâ€sided dolphin (<scp><i>Lagenorhynchus acutus</i></scp>). Journal of Comparative Neurology, 2021, 529, 1029-1051.	0.9	0
1638	The entorhinal cortex of the monkey: VI. Organization of projections from the hippocampus, subiculum, presubiculum, and parasubiculum. Journal of Comparative Neurology, 2021, 529, 828-852.	0.9	39
1639	New boundaries and dissociation of the mouse hippocampus along the dorsalâ€ventral axis based on glutamatergic, <scp>GABAergic</scp> and catecholaminergic receptor densities. Hippocampus, 2021, 31, 56-78.	0.9	21
1640	Surf and turf vision: Patterns and predictors of visual acuity in compound eye evolution. Arthropod Structure and Development, 2021, 60, 101002.	0.8	14
1641	Multi-hop routing under short contact in delay tolerant networks. Computer Communications, 2021, 165, 1-8.	3.1	10
1642	Barrett's Esophagus: Current Management and New Approaches. Gastrointestinal Endoscopy Clinics of North America, 2021, 31, xiii-xiv.	0.6	0
1643	The magnetic and electronic properties of REAgSb2 compounds. Journal of Magnetism and Magnetic Materials, 2021, 519, 167442.	1.0	4

#	Article	IF	CITATIONS
1644	Ramie-glass fiber reinforced epoxy composites: Impact of walnut content on mechanical and sliding wear properties. Materials Today: Proceedings, 2021, 44, 3984-3989.	0.9	2
1645	1,3-Dioxepine and spiropyran derivatives of viomellein and other dimeric naphthopyranones from cultures of Aspergillus elegans KUFA0015 and their antibacterial activity. Phytochemistry, 2021, 181, 112575.	1.4	7
1646	A novel approach based on improved combinatorial geometry (ICG) model for photon transport in Monte Carlo codes. Progress in Nuclear Energy, 2021, 131, 103565.	1.3	3
1647	A semi-empirical model to estimate the apparent viscosity of dense, bubbling gas-solid suspension. Powder Technology, 2021, 377, 289-296.	2.1	6
1648	Damage detection of thick plates using trailing pulses at large frequency-thickness products. Applied Acoustics, 2021, 174, 107767.	1.7	5
1649	Heterogeneity of Age-Related Neural Hyperactivity along the CA3 Transverse Axis. Journal of Neuroscience, 2021, 41, 663-673.	1.7	18
1650	Mossy Cells in the Dorsal and Ventral Dentate Gyrus Differ in Their Patterns of Axonal Projections. Journal of Neuroscience, 2021, 41, 991-1004.	1.7	32
1651	Prenatal and early life exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children. Environmental Research, 2021, 192, 110365.	3.7	15
1652	Soil organic matter in major pedogenic soil groups. Geoderma, 2021, 384, 114785.	2.3	89
1653	Comparative chemical profiling and antimicrobial activity of two interchangeably used †Imphepho' species (Helichrysum odoratissimum and Helichrysum petiolare). South African Journal of Botany, 2021, 137, 117-132.	1.2	13
1654	Inhibitory stabilization and cortical computation. Nature Reviews Neuroscience, 2021, 22, 21-37.	4.9	80
1655	Leafy season length is reduced by a prolonged soil water deficit but not by repeated defoliation in beech trees (Fagus sylvatica L.): comparison of response among regional populations grown in a common garden. Agricultural and Forest Meteorology, 2021, 297, 108228.	1.9	6
1656	A decision making approach for assignment of ecosystem services to forest management units: A case study in northwest Turkey. Ecological Indicators, 2021, 121, 107056.	2.6	14
1657	The effect of Toll-like receptor stimulation on the motility of regulatory T cells. Journal of Autoimmunity, 2021, 116, 102563.	3.0	4
1658	Root-cause analysis for time-series anomalies via spatiotemporal graphical modeling in distributed complex systems. Knowledge-Based Systems, 2021, 211, 106527.	4.0	13
1659	Citrullination as a novel posttranslational modification of matrix metalloproteinases. Matrix Biology, 2021, 95, 68-83.	1.5	21
1660	Progress towards 3D-printing diamond for medical implants: A review. Annals of 3D Printed Medicine, 2021, 1, 100002.	1.6	10
1661	Social stigmatization in Turkish patients with chronic hepatitis B and C. GastroenterologÃa Y HepatologÃa, 2021, 44, 330-336.	0.2	4

#	Article	IF	CITATIONS
1662	Outsourcing governance in Peru's integrated water resources management. Land Use Policy, 2021, 101, 105105.	2.5	17
1663	Environmental friendly and robust Mg0.5-xCuxZn0.5Fe2O4 spinel nanoparticles for visible light driven degradation of Carbamazepine: Band shift driven by dopants. Materials Letters, 2021, 284, 129005.	1.3	22
1664	OCT Signal Enhancement with Deep Learning. Ophthalmology Glaucoma, 2021, 4, 295-304.	0.9	11
1665	Rapid and highly selective colorimetric detection of nitrite based on the catalytic-enhanced reaction of mimetic Au nanoparticle-CeO2 nanoparticle-graphene oxide hybrid nanozyme. Talanta, 2021, 224, 121875.	2.9	30
1666	Evaporating hydrophilic and superhydrophobic droplets in electric fields. International Journal of Heat and Mass Transfer, 2021, 164, 120539.	2.5	30
1667	Capilliposide B blocks VEGF-induced angiogenesis in vitro in primary human retinal microvascular endothelial cells. Biomedicine and Pharmacotherapy, 2021, 133, 110999.	2.5	12
1668	A novel interaction mechanism in lignin pyrolysis: Phenolics-assisted hydrogen transfer for the decomposition of the β-O-4 linkage. Combustion and Flame, 2021, 225, 395-405.	2.8	44
1669	A novel design of low-grade waste heat utilization for coal-fired power plants with sulfuric acid recovery. Energy Conversion and Management, 2021, 227, 113640.	4.4	18
1670	Mechanism of transition metal cluster catalysts for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 3484-3492.	3.8	17
1671	Dietary Assessment Methodology in Response to September 2020 Issue. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 213.	0.4	0
1672	Bifurcation methods of periodic orbits for piecewise smooth systems. Journal of Differential Equations, 2021, 275, 204-233.	1.1	22
1673	Optimization of wind turbine TMD under real wind distribution countering wake effects using GPU acceleration and machine learning technologies. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 208, 104436.	1.7	19
1674	Bio analytical validation for nadolol and bendroflumethiazide material. Materials Today: Proceedings, 2021, 46, 503-505.	0.9	0
1675	Endoscopic Assisted Lateral Skull Base Surgery. Otolaryngologic Clinics of North America, 2021, 54, 163-173.	0.5	4
1677	Subcutaneous anifrolumab for SLE: a new step forward?. Lancet Rheumatology, The, 2021, 3, e84-e85.	2.2	0
1678	Incidence, predictors of bleeding and prognosis of bleeding in anticoagulated nonagenarian patients with atrial fibrillation. International Journal of Cardiology, 2021, 327, 217-222.	0.8	7
1679	Geographical traceability of Eucommia ulmoides leaves using attenuated total reflection Fourier transform infrared and ultraviolet-visible spectroscopy combined with chemometrics and data fusion. Industrial Crops and Products, 2021, 160, 113090.	2.5	14
1681	Effect of tower elasticity on the performance and fatigue character of monopile support tower for tidal current turbine. Applied Ocean Research, 2021, 106, 102446.	1.8	4

#	Article	IF	CITATIONS
1682	Mollified finite element approximants of arbitrary order and smoothness. Computer Methods in Applied Mechanics and Engineering, 2021, 373, 113513.	3.4	4
1683	Determining the minimal background area for species distribution models: MinBAR package. Ecological Modelling, 2021, 439, 109353.	1.2	5
1684	Numerical simulation of a mixed-mode reaction front in a PPC engine. Proceedings of the Combustion Institute, 2021, 38, 5703-5711.	2.4	5
1685	Topology optimization of a heat sink with an axially uniform cross-section cooled by forced convection. International Journal of Heat and Mass Transfer, 2021, 168, 120732.	2.5	20
1686	Utility of serum macrophage migration inhibitory factor as a potential biomarker for detection of cerebrocardiac syndrome following severe traumatic brain injury. Clinica Chimica Acta, 2021, 512, 179-184.	0.5	7
1687	The effects of fusion ratio on microstructure and cryogenic toughness of dissimilar joint between SA553 and SUS304. Journal of Manufacturing Processes, 2021, 61, 56-68.	2.8	4
1688	Data driven estimation of electric vehicle battery state-of-charge informed by automotive simulations and multi-physics modeling. Journal of Power Sources, 2021, 483, 229108.	4.0	63
1689	Novel experimental techniques to assess the time-dependent deformations of geosynthetics under soil confinement. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 410-419.	3.7	4
1690	The role of nano-communication in bio medical application and research. Materials Today: Proceedings, 2021, 43, 3534-3539.	0.9	0
1691	Double and triple resonance behaviour in large systems of LC-shunted intrinsic Josephson junctions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 387, 127025.	0.9	5
1692	Opto-electronic properties of HfO2: A first principle-based spin-polarized calculations. Optik, 2021, 226, 165937.	1.4	9
1693	Geometrical investigation of bluff bodies array subjected to forced convective flows for different aspect ratios of frontal body. International Journal of Thermal Sciences, 2021, 161, 106724.	2.6	13
1694	Estimation of temperature in machining with self-propelled rotary tools using finite element method. Journal of Manufacturing Processes, 2021, 61, 100-110.	2.8	17
1695	XPS study of external α-radiolytic oxidation of UO2 in the presence of argon or hydrogen. Journal of Nuclear Materials, 2021, 543, 152604.	1.3	11
1696	High quantum-yield carbon dots embedded metal-organic frameworks for selective and sensitive detection of dopamine. Microchemical Journal, 2021, 160, 105718.	2.3	24
1697	Subcircuits of Deep and Superficial CA1 Place Cells Support Efficient Spatial Coding across Heterogeneous Environments. Neuron, 2021, 109, 363-376.e6.	3.8	49
1698	Crystal growth and characterization of 2-(4-(dimethylamino) styryl)-benzothiazole: A potential organic nonlinear optical crystal. Optical Materials, 2021, 111, 110655.	1.7	4
1699	Captain of the Ship. Surgical Clinics of North America, 2021, 101, xvii-xviii.	0.5	0

CITITION	Depart
CITATION	REDUBL
CHARTON	

#	Article	IF	CITATIONS
1701	Effect of automation transparency in the management of multiple unmanned vehicles. Applied Ergonomics, 2021, 90, 103243.	1.7	22
1702	Metformin induced lactic acidosis impaired response of cancer cells towards paclitaxel and doxorubicin: Role of monocarboxylate transporter. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166011.	1.8	18
1703	Experimental Investigation on Mechanical Properties of Oil Palm Empty Fruit Bunch Fiber Reinforced Cement Mortar. Materials Today: Proceedings, 2021, 46, 471-477. A nonlinear viscoelastic plate equation with simulimation	0.9	11
1704	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e22" altimg="si9.svg"> <mml:mrow><mml:mover class="overrightarrow"><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mo>âf—</mml:mo></mml:mover operator: Blow up of solutions with negative initial energy. Nonlinear Analysis: Real World</mml:mrow>	>0.9 >~mml:m	rơw> <mml:< td=""></mml:<>
1705	Applications, 2021, 59, 103240. Absorption and metabolism of 3-MCPD in hepatic and renal cell lines. Toxicology in Vitro, 2021, 70, 105042.	1.1	2
1706	Experimental investigation and field application of pulse-jet cartridge filter in TBM tunneling construction of Qingdao Metro Line 8 subsea tunnel. Tunnelling and Underground Space Technology, 2021, 108, 103690.	3.0	11
1707	Use of endoluminal vacuum-assisted therapy for treatment of gastric fistula after Appleby procedure. CirugÃa Española, 2021, 99, 316-319.	0.1	0
1708	Super resolution ghost imaging based on Fourier spectrum acquisition. Optics and Lasers in Engineering, 2021, 139, 106473.	2.0	16
1709	Something's gotta give: How PCNA alters its structure in response to mutations and the implications on cellular processes. Progress in Biophysics and Molecular Biology, 2021, 163, 46-59.	1.4	3
1710	Coagulopathies in novel coronavirus (SARS-CoV-2) pandemic: Emerging evidence for hematologists. Saudi Journal of Biological Sciences, 2021, 28, 956-961.	1.8	6
1711	Experimental study on mechanism, aging, rheology and fatigue performance of carbon nanomaterial/SBS-modified asphalt binders. Construction and Building Materials, 2021, 268, 121189.	3.2	65
1712	Dynamic characteristics of solid packed-bed thermocline tank using molten-salt as a heat transfer fluid. International Journal of Heat and Mass Transfer, 2021, 165, 120677.	2.5	19
1713	Subsidies and substitution: An empirical study of the lifeline program. Telecommunications Policy, 2021, 45, 102075.	2.6	2
1714	Evolution of the early to late Archean mantle from Hf-Nd-Ce isotope systematics in basalts and komatiites from the Pilbara Craton. Earth and Planetary Science Letters, 2021, 553, 116627.	1.8	19
1715	A facile approach to incorporate silver nanoparticles into solvent-free synthesized PEG-based hydrogels for antibacterial and catalytical applications. Polymer Testing, 2021, 101, 106909.	2.3	10
1716	Using Kriging incorporated with wind direction to investigate ground-level PM2.5 concentration. Science of the Total Environment, 2021, 751, 141813.	3.9	27
1717	Reducing uncertainty in time domain fatigue analysis of offshore structures using control variates. Mechanical Systems and Signal Processing, 2021, 149, 107192.	4.4	12
1718	NPY-Y1 receptor signaling controls spatial learning and perineuronal net expression. Neuropharmacology, 2021, 184, 108425.	2.0	15

#	Article	IF	CITATIONS
1719	Mechanisms and plasticity of chemogenically induced interneuronal suppression of principal cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
1721	latrogenic Arteriovenous Fistula Formation after Endovenous Laser Treatment Resulting in High-output Cardiac Failure: A Case Report and Review of the Literature. Annals of Vascular Surgery, 2021, 72, 666.e13-666.e21.	0.4	3
1722	Design and in-field testing of a multi-level system for continuous subjective occupant feedback on indoor climate. Building and Environment, 2021, 189, 107535.	3.0	11
1723	Enhanced oxidation of sulfadiazine by two-stage ultrasound assisted zero-valent iron catalyzed persulfate process: Factors and pathways. Chemical Engineering Journal, 2021, 417, 128152.	6.6	18
1724	Magnetic nanoparticles: An indicator of health risks related to anthropogenic airborne particulate matter. Environmental Pollution, 2021, 271, 116309.	3.7	9
1725	The chicken eggshell calcium oxide ultrasonically dispersed over lignite coal fly ash-based cancrinite zeolite support as a catalyst for biodiesel production. Fuel, 2021, 289, 119912.	3.4	19
1726	Neutronic analyses of port impact on blankets and superconducting coils of CFETR. Fusion Engineering and Design, 2021, 163, 112165.	1.0	0
1727	Over-the-counter sale of antibiotics - Using Net-Map to identify and segment stakeholders as the first step towards the development of smart regulation. Indian Journal of Medical Microbiology, 2021, 39, 184-187.	0.3	1
1728	An influence of temperature on the lithium ions behavior for starch-based carbon compared to graphene anode for LIBs by the electrochemical impedance spectroscopy (EIS). Journal of Power Sources, 2021, 485, 229323.	4.0	26
1729	Block-based image matching for image retrieval. Journal of Visual Communication and Image Representation, 2021, 74, 102998.	1.7	7
1730	Association between genetic variants of the norepinephrine transporter gene (SLC6A2) and bipolar I disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 107, 110227.	2.5	4
1732	Critical factors for successful implementation of just-in-time concept in modular integrated construction: A systematic review and meta-analysis. Journal of Cleaner Production, 2021, 284, 124716.	4.6	53
1733	Anti-epidermal growth factor vaccine antibodies increase the antitumor activity of kinase inhibitors in ALK and RET rearranged lung cancer cells. Translational Oncology, 2021, 14, 100887.	1.7	10
1734	Applications of metaplectic cohomology and global-local contact holonomy. Journal of Applied Mathematics and Computing, 2021, 65, 1-66.	1.2	1
1735	Ageâ€related alterations in functional connectivity along the longitudinal axis of the hippocampus and its subfields. Hippocampus, 2021, 31, 11-27.	0.9	26
1736	Cell-Type-Specific Optogenetic Techniques Reveal Neural Circuits Crucial for Episodic Memories. Advances in Experimental Medicine and Biology, 2021, 1293, 429-447.	0.8	3
1737	Chronic exposure to IL-6 induces a desensitized phenotype of the microglia. Journal of Neuroinflammation, 2021, 18, 31.	3.1	21
1738	Analysis of hippocampal subfields in sickle cell disease using ultrahigh field MRI. NeuroImage: Clinical, 2021, 30, 102655.	1.4	7

#	Article	IF	CITATIONS
1739	Behavioral role of PACAP signaling reflects its selective distribution in glutamatergic and GABAergic neuronal subpopulations. ELife, 2021, 10, .	2.8	20
1740	Electrographic Features of Spontaneous Recurrent Seizures in a Mouse Model of Extended Hippocampal Kindling. Cerebral Cortex Communications, 2021, 2, tgab004.	0.7	5
1744	Entorhinal cortex and parahippocampus volume reductions impact olfactory decline in aged subjects. Brain and Behavior, 2021, 11, e02115.	1.0	10
1745	The Continuity of Context: A Role for the Hippocampus. Trends in Cognitive Sciences, 2021, 25, 187-199.	4.0	44
1746	Dynamics of longitudinal dentate gyrus axons associated with seizure. Journal of Physiology, 2021, 599, 2273-2281.	1.3	6
1747	Impaired pattern separation in Tg2576 mice is associated with hyperexcitable dentate gyrus caused by Kv4.1 downregulation. Molecular Brain, 2021, 14, 62.	1.3	15
1748	Persistent increases of PKMζ in memoryâ€activated neurons trace LTP maintenance during spatial longâ€ŧerm memory storage. European Journal of Neuroscience, 2021, 54, 6795-6814.	1.2	15
1749	Plasticity in the Hippocampus, Neurogenesis and Drugs of Abuse. Brain Sciences, 2021, 11, 404.	1.1	21
1750	Whole-Brain Mapping the Direct Inputs of Dorsal and Ventral CA1 Projection Neurons. Frontiers in Neural Circuits, 2021, 15, 643230.	1.4	24
1751	Sex differences in synaptic plasticity underlying learning. Journal of Neuroscience Research, 2023, 101, 764-782.	1.3	22
1753	A Neural Model of Intrinsic and Extrinsic Hippocampal Theta Rhythms: Anatomy, Neurophysiology, and Function. Frontiers in Systems Neuroscience, 2021, 15, 665052.	1.2	3
1754	Synaptic Reshaping and Neuronal Outcomes in the Temporal Lobe Epilepsy. International Journal of Molecular Sciences, 2021, 22, 3860.	1.8	18
1755	Gamma rhythm communication between entorhinal cortex and dentate gyrus neuronal assemblies. Science, 2021, 372, .	6.0	121
1756	Synaptic and Network Contributions to Anoxic Depolarization in Mouse Hippocampal Slices. Neuroscience, 2021, 461, 102-117.	1.1	5
1757	Neural recruitment by ephaptic coupling in epilepsy. Epilepsia, 2021, 62, 1505-1517.	2.6	13
1758	Preferential frequencyâ€dependent induction of synaptic depression by the lateral perforant path and of synaptic potentiation by the medial perforant path inputs to the dentate gyrus. Hippocampus, 2021, 31, 957-981.	0.9	8
1759	Hidrox® Roles in Neuroprotection: Biochemical Links between Traumatic Brain Injury and Alzheimer's Disease. Antioxidants, 2021, 10, 818.	2.2	22
1760	Place-cell capacity and volatility with grid-like inputs. ELife, 2021, 10, .	2.8	8

#	Article	IF	CITATIONS
1761	NPY Released From GABA Neurons of the Dentate Gyrus Specially Reduces Contextual Fear Without Affecting Cued or Trace Fear. Frontiers in Synaptic Neuroscience, 2021, 13, 635726.	1.3	8
1762	Characterizing spatial gene expression heterogeneity in spatially resolved single-cell transcriptomic data with nonuniform cellular densities. Genome Research, 2021, 31, 1843-1855.	2.4	79
1764	Integration of Mass Spectrometry Imaging and Machine Learning Visualizes Region-Specific Age-Induced and Drug-Target Metabolic Perturbations in the Brain. ACS Chemical Neuroscience, 2021, 12, 1811-1823.	1.7	17
1765	Effects of direct current stimulation on synaptic plasticity in a single neuron. Brain Stimulation, 2021, 14, 588-597.	0.7	30
1766	SREBP-1c Deficiency Affects Hippocampal Micromorphometry and Hippocampus-Dependent Memory Ability in Mice. International Journal of Molecular Sciences, 2021, 22, 6103.	1.8	6
1767	Causal coupling inference from multivariate time series based on ordinal partition transition networks. Nonlinear Dynamics, 2021, 105, 555-578.	2.7	8
1770	Interneuron Heterotopia in the Lis1 Mutant Mouse Cortex Underlies a Structural and Functional Schizophrenia-Like Phenotype. Frontiers in Cell and Developmental Biology, 2021, 9, 693919.	1.8	4
1771	Epistemic Autonomy: Self-supervised Learning in the Mammalian Hippocampus. Trends in Cognitive Sciences, 2021, 25, 582-595.	4.0	2
1772	The Oscillatory Profile Induced by the Anxiogenic Drug FG-7142 in the Amygdala–Hippocampal Network Is Reversed by Infralimbic Deep Brain Stimulation: Relevance for Mood Disorders. Biomedicines, 2021, 9, 783.	1.4	11
1773	Local and Global Dynamics of Dendritic Activity in the Pyramidal Neuron. Neuroscience, 2022, 489, 176-184.	1.1	13
1775	Multiple hippocampal transections for mesial temporal lobe epilepsy. , 2021, 12, 372.		3
1777	Hippocampal sub-networks exhibit distinct spatial representation deficits in Alzheimer's disease model mice. Current Biology, 2021, 31, 3292-3302.e6.	1.8	8
1778	Protective effect of alpha-lipoic acid on bisphenol A-induced learning and memory impairment in developing mice: nNOS and keap1/Nrf2 pathway. Food and Chemical Toxicology, 2021, 154, 112307.	1.8	12
1779	Fluoxetine exerts subregion/layer specific effects on parvalbumin/GAD67 protein expression in the dorsal hippocampus of male rats showing social isolation-induced depressive-like behaviour. Brain Research Bulletin, 2021, 173, 174-183.	1.4	9
1780	Multiple parietal pathways are associated with rTMS-induced hippocampal network enhancement and episodic memory changes. Neurolmage, 2021, 237, 118199.	2.1	3
1781	Entorhinal cortical Island cells regulate temporal association learning with long trace period. Learning and Memory, 2021, 28, 319-328.	0.5	6
1782	Comparison of Hippocampal Subfield Segmentation Agreement between 2 Automated Protocols across the Adult Life Span. American Journal of Neuroradiology, 2021, 42, 1783-1789.	1.2	4
1783	PACAP orchestration of stress-related responses in neural circuits. Peptides, 2021, 142, 170554.	1.2	16

#	Article	IF	CITATIONS
1784	Hippocampal volume is related to olfactory impairment in Parkinson's disease. Journal of Neuroimaging, 2021, 31, 1176-1183.	1.0	5
1788	Isoxazoleâ€9 reduces enhanced fear responses and retrieval in ethanolâ€dependent male rats. Journal of Neuroscience Research, 2021, 99, 3047-3065.	1.3	3
1789	Automated, open-source segmentation of the Hippocampus and amygdala with the open Vanderbilt archive of the temporal lobe. Magnetic Resonance Imaging, 2021, 81, 17-23.	1.0	3
1791	A neuromimetic realization of hippocampal CA1 for theta wave generation. Neural Networks, 2021, 142, 548-563.	3.3	4
1792	Territorial blueprint in the hippocampal system. Trends in Cognitive Sciences, 2021, 25, 831-842.	4.0	4
1793	Amygdala-hippocampal interactions in synaptic plasticity and memory formation. Neurobiology of Learning and Memory, 2021, 184, 107490.	1.0	23
1794	Adult brain cytogenesis in the context of mood disorders: From neurogenesis to the emergent role of gliogenesis. Neuroscience and Biobehavioral Reviews, 2021, 131, 411-428.	2.9	4
1795	Rapid GFAP and Iba1 expression changes in the female rat brain following spinal cord injury. Neural Regeneration Research, 2022, 17, 378.	1.6	22
1796	Multiple cannabinoid signaling cascades powerfully suppress recurrent excitation in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
1797	Neurobiological effects of forced swim exercise on the rodent hippocampus: a systematic review. Acta Neurobiologiae Experimentalis, 2021, 81, 58-68.	0.4	2
1798	Memantine improves memory and hippocampal proliferation in adult male rats. Folia Neuropathologica, 2021, 59, 143-151.	0.5	4
1799	Learning and Memory. , 2005, , 1-34.		2
1800	Gamma and Theta Rhythms in Biophysical Models of Hippocampal Circuits. , 2010, , 423-457.		61
1801	Associative Memory Models of Hippocampal Areas CA1 and CA3. , 2010, , 459-494.		3
1802	Glutamatergic Neurotransmission in the Hippocampus. , 2010, , 99-128.		3
1803	The Tetanus Toxin Model of Chronic Epilepsy. Advances in Experimental Medicine and Biology, 2004, 548, 226-238.	0.8	27
1804	Experimental Basis for an Input/Output Model of the Hippocampal Formation. , 1994, , 29-53.		6
1805	Bursting and Oscillations in a Biophysical Model of Hippocampal Region CA3: Implications for Associative Memory and Epileptiform Activity. , 1997, , 547-552.		1

		CITATION R	EPORT	
#	Article		IF	CITATIONS
1806	Pattern Completion and Pattern Separation Mechanisms in the Hippocampus. , 2016, ,	77-113.		4
1807	Conditional Transgenesis and Recombination to Study the Molecular Mechanisms of B and Memory. , 2007, , 315-345.	rain Plasticity		4
1808	Map-Based Spatial Navigation: A Cortical Column Model for Action Planning. Lecture N Computer Science, 2008, , 39-55.	otes in	1.0	6
1810	What is the Functional Role of New Neurons in the Adult Dentate Gyrus?. Research and Neurosciences, 2004, , 57-65.	Perspectives in	0.4	3
1811	The Limbic System. , 2011, , 633-710.			2
1812	Oscillatory and Intermittent Synchrony in the Hippocampus: Relevance to Memory Trac Research and Perspectives in Neurosciences, 1994, , 145-172.	ce Formation.	0.4	43
1813	Time and the Hippocampus. , 2014, , 273-301.			2
1814	Lesion and Transplantation in Rat Hippocampal Formation: Measurement of Electrores Reestablishment of Circuitries. Methods in Neurosciences, 1991, , 346-361.	ponsiveness and	0.5	2
1816	Physiology and Plasticity. , 2016, , 19-40.			3
1817	Hippocampus In Vitro. , 2017, , 261-272.			2
1818	Decrease of Rab11 prevents the correct dendritic arborization, synaptic plasticity and s formation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 11873		1.9	8
1820	Parallel augmentation of hippocampal long-term potentiation, theta rhythm, and conte conditioning in water-deprived rats. Behavioral Neuroscience, 1994, 108, 44-56.	extual fear	0.6	26
1821	Facilitation of conditioned odor aversion by entorhinal cortex lesions in the rat. Behavio Neuroscience, 1996, 110, 443-50.	oral	0.6	18
1822	Effects of hippocampal N-methyl-D-aspartate infusion on locomotor activity and prepu differences between the dorsal and ventral hippocampus. Behavioral Neuroscience, 20		0.6	30
1823	Brain mechanisms of vision, memory, and consciousness , 0, , 81-120.			33
1824	Coordination of hippocampal theta and gamma oscillations relative to spatial active av reflects cognitive outcome after febrile status epilepticus Behavioral Neuroscience, 20 562-576.		0.6	10
1825	Maintenance and Modification of Firing Rates and Sequences in the Hippocampus: Doe Role?. , 2003, , 247-270.	es Sleep Play a		4
1826	Experimental partial epileptogenesis. Current Opinion in Neurology, 1999, 12, 203-209).	1.8	7

		CITATION R	EPORT	
# 1835	ARTICLE Potentiation of dentate synapses initiated by exploratory learning in rats: dissociation from	n brain	IF	CITATIONS
1835	temperature, motor activity, and arousal Learning and Memory, 1994, 1, 55-73. Theoretical and Neurophysiological Analysis of the Functions of the Primate Hippocampus Cold Spring Harbor Symposia on Quantitative Biology, 1990, 55, 995-1006.	in Memory.	0.5	73 52
1837	Title is missing!. , 0, .			21
1838	D-Serine differently modulates NMDA receptor function in rat CA1 hippocampal pyramidal interneurons. Journal of Physiology, 2003, 548, 411-423.	cells and	1.3	78
1839	Comparative Contemplations on the Hippocampus. Brain, Behavior and Evolution, 2017, 9	0, 15-24.	0.9	21
1840	Three Distinct Phases of Fodrin Proteolysis Induced in Postischemic Hippocampus. Stroke, 1901-1907.	1995, 26,	1.0	64
1841	Control of recollection by slow gamma dominating mid-frequency gamma in hippocampus Biology, 2018, 16, e2003354.	CA1. PLoS	2.6	49
1842	Neurons of the Dentate Molecular Layer in the Rabbit Hippocampus. PLoS ONE, 2012, 7, e	48470.	1.1	6
1843	Population activity structure of excitatory and inhibitory neurons. PLoS ONE, 2017, 12, e0	181773.	1.1	24
1844	Short-term exposure of mice to gasoline vapor increases the metallothionein expression in lungs and kidney. Histology and Histopathology, 2007, 22, 593-601.	the brain,	0.5	5
1845	Methodological Considerations on the Use of Different Spectral Decomposition Algorithm Hippocampal Rhythms. ENeuro, 2019, 6, ENEURO.0142-19.2019.	s to Study	0.9	28
1846	Targeting the Mouse Ventral Hippocampus in the Intrahippocampal Kainic Acid Model of T Epilepsy. ENeuro, 2018, 5, ENEURO.0158-18.2018.	emporal Lobe	0.9	55
1847	Opposing and Complementary Topographic Connectivity Gradients Revealed by Quantitat Canonical and Noncanonical Hippocampal CA1 Inputs. ENeuro, 2018, 5, ENEURO.0322-17		0.9	17
1848	Excitatory Synaptic Input to Hilar Mossy Cells under Basal and Hyperexcitable Conditions. 2017, 4, ENEURO.0364-17.2017.	ENeuro,	0.9	21
1849	Extrafield Activity Shifts the Place Field Center of Mass to Encode Aversive Experience. ENE ENEURO.0423-17.2019.	uro, 2019, 6,	0.9	10
1850	Anterior Thalamic Excitation and Feedforward Inhibition of Presubicular Neurons Projecting Medial Entorhinal Cortex. Journal of Neuroscience, 2018, 38, 6411-6425.	g to	1.7	22
1851	Dentate hilar cells with dendrites in the molecular layer have lower thresholds for synaptic activation by perforant path than granule cells. Journal of Neuroscience, 1991, 11, 1660-1		1.7	155
1852	Role of the hippocampal-entorhinal loop in temporal lobe epilepsy: extra- and intracellular s the isolated guinea pig brain in vitro. Journal of Neuroscience, 1992, 12, 1867-1881.	study in	1.7	156

#	Article	IF	Citations
1853	Dynamics of learning and recall at excitatory recurrent synapses and cholinergic modulation in rat hippocampal region CA3. Journal of Neuroscience, 1995, 15, 5249-5262.	1.7	391
1854	GABAergic Cells Are the Major Postsynaptic Targets of Mossy Fibers in the Rat Hippocampus. Journal of Neuroscience, 1998, 18, 3386-3403.	1.7	650
1855	Coordination of physiologic and toxic pathways in hippocampus by nitric oxide and mitochondria. Frontiers in Bioscience - Landmark, 2007, 12, 1094.	3.0	11
1856	Multiple hippocampal transections for refractory pediatric mesial temporal lobe epilepsy: seizure and neuropsychological outcomes. Journal of Neurosurgery: Pediatrics, 2020, 26, 379-388.	0.8	3
1857	Spatial Navigation: Implications for Animal Models, Drug Development and Human Studies. Physiological Research, 2014, 63, S237-S249.	0.4	14
1858	Context, emotion, and the strategic pursuit of goals: interactions among multiple brain systems controlling motivated behavior. Frontiers in Behavioral Neuroscience, 2012, 6, 50.	1.0	140
1859	The mechanisms for pattern completion and pattern separation in the hippocampus. Frontiers in Systems Neuroscience, 2013, 7, 74.	1.2	335
1860	Increased Expression of Phospho-Cofilin in CA1 and Subiculum Areas after Theta-Burst Stimulation of Schaffer Collateral-Commissural Fibers in Rat Hippocampal Slices. Chinese Journal of Physiology, 2010, 53, 328-336.	0.4	6
1861	The dynamics of adult neurogenesis in human hippocampus. Neural Regeneration Research, 2016, 11, 1869.	1.6	45
1862	Somatostatin-positive interneurons in the dentate gyrus of mice provide local- and long-range septal synaptic inhibition. ELife, 2017, 6, .	2.8	73
1863	Spatiotemporal patterns of neocortical activity around hippocampal sharp-wave ripples. ELife, 2020, 9, .	2.8	92
1864	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. ELife, 2020, 9, .	2.8	46
1865	Heteroassociative storage of hippocampal pattern sequences in the CA3 subregion. PeerJ, 2018, 6, e4203.	0.9	6
1866	Population and individual firing behaviors in sparsely synchronized rhythms in the hippocampal dentate gyrus. Cognitive Neurodynamics, 2022, 16, 643-665.	2.3	7
1867	Dendritic Branch-constrained N-Methyl-d-Aspartate Receptor-mediated Spikes Drive Synaptic Plasticity in Hippocampal CA3 Pyramidal Cells. Neuroscience, 2022, 489, 57-68.	1.1	5
1868	Stereotacticâ€EEGâ€guided radiofrequency multiple hippocampal transection (SEEGâ€guidedâ€RFâ€MHT) for the treatment of mesial temporal lobe epilepsy: a minimally invasive method for diagnosis and treatment. Epileptic Disorders, 2021, 23, 682-694.	0.7	6
1869	Key Mechanisms and Potential Implications of Hericium erinaceus in NLRP3 Inflammasome Activation by Reactive Oxygen Species during Alzheimer's Disease. Antioxidants, 2021, 10, 1664.	2.2	26
1870	Hippocampal spindles and barques are normal intracranial electroencephalographic entities. Clinical Neurophysiology, 2021, 132, 3002-3009.	0.7	3

\sim	T A T I	ON	Repo	DT
			REDU	
	/		ILLI U	- C - L

#	Article	IF	CITATIONS
1871	Temporal Structure of Neural Activity and Modelling of Information Processing in the Brain. Lecture Notes in Computer Science, 2001, , 237-254.	1.0	2
1872	A neuroholographic model of memory: Theta rhythms, facilitation, and calcium channels , 2001, , 295-320.		1
1873	The Role of Memory, Anxiety, and Hebbian Learning in Hippocampal Function: Novel Explorations in Computational Neuroscience and Robotics. Lecture Notes in Computer Science, 2001, , 507-521.	1.0	2
1874	Hippocampus. , 2003, , 555-559.		0
1876	Coincidence Detection of Place and Temporal Context in a Network Model of Spiking Hippocampal Neurons. PLoS Computational Biology, 2005, preprint, e234.	1.5	0
1877	The Anatomy and Pathophysiology of Mesial Temporal Epilepsy. Neurological Disease and Therapy, 2005, , 71-97.	0.0	0
1878	Age-Related Hippocampal Dysfunction: Early Alzheimer's Disease vs. Normal Aging. , 2006, , 135-141.		1
1879	Mechanisms for Memory-Guided Behavior Involving Persistent Firing and Theta Rhythm Oscillations in the Entorhinal Cortex. Lecture Notes in Computer Science, 2008, , 28-37.	1.0	0
1881	Complexity Untangled: Large-Scale Realistic Computational Models in Epilepsy. Neuromethods, 2009, , 163-182.	0.2	0
1882	Modeling of Associative Dynamics in Hippocampal Contributions to Heuristic Decision Making. Lecture Notes in Computer Science, 2009, , 267-274.	1.0	0
1883	8 Cross-Species Imaging Applied to the Aging Brain: Dissociating Alzheimer's Disease from Normal Aging. , 2009, , 115-122.		0
1885	Major Anatomical Structures. , 2013, , 131-205.		0
1886	Hippocampus, Model Excitatory Cells. , 2013, , 1-15.		0
1887	Mechanisms for long-term potentiation at synapses of the hippocampal formation: New development Seibutsu Butsuri, 1990, 30, 245-254.	0.0	1
1889	Contrasting properties of NMDA-dependent and NMDA-independent forms of LTP in hippocampal pyramidal cells. Research Notes in Neural Computing, 1993, , 298-311.	0.1	0
1890	Microcircuitry I. , 1994, , 115-169.		0
1891	Stereological Analysis of the Hippocampal Formation of Male and Female Hypothyroid Rats. , 1995, , 343-351.		0
1892	Functional roles of opioids in the hippocampus. , 1995, , 183-200.		0

#	Article	IF	CITATIONS
1894	State-Dependent Changes in Network Activity of the Hippocampal Formation. , 1998, , .		0
1895	The Brain as a Hermeneutic Device. Boston Studies in the Philosophy and History of Science, 1999, , 183-198.	0.4	0
1896	Towards an Emotional Robot: Simulating Hippocampal-Mediated Anxiety. Perspectives in Neural Computing, 1999, , 102-111.	0.1	1
1898	Compartmentalization of Synaptic Tagging and Capture. , 2015, , 13-27.		0
1899	Hippocampus, Model Excitatory Cells. , 2015, , 1353-1365.		0
1900	Application of the radial distribution functions for quantitative analysis of neuropil microstructure in stratum radiatum of CA1 region in hippocampus. Medical Research Archives, 2016, 4, .	0.1	0
1901	Hippocampus. , 2017, , 1-7.		0
1905	Differential Rate Coding of Visual Context in the Subiculum and Hippocampus. SSRN Electronic Journal, 0, , .	0.4	0
1906	Behavior-Dependent Activity and Synaptic Organization of Septohippocampal GABAergic Neurons Selectively Targeting the Hippocampal CA3 Area. SSRN Electronic Journal, 0, , .	0.4	1
1907	Proximodistal Organization of the CA2 Hippocampal Area. SSRN Electronic Journal, 0, , .	0.4	0
1911	Focal and Restricted Traumatic Injury Models in the Rodent Brain: Limitations, Possibilities, and Challenges. Neuromethods, 2019, , 19-46.	0.2	0
1913	A Semi-stochastic Numerical Model of Adult Hippocampal Neurogenesis. Journal of Natural and Applied Sciences, 2019, 23, 195-203.	0.1	0
1918	State-Dependent Changes in Network Activity of the Hippocampal Formation. , 2019, , 349-362.		0
1921	Neurofunctional Segmentation Shifts in the Hippocampus. Frontiers in Human Neuroscience, 2021, 15, 729836.	1.0	1
1923	Ventral hippocampus lesions and allocentric spatial memory in the radial maze: Anterograde and retrograde deficits. Behavioural Brain Research, 2022, 417, 113620.	1.2	10
1925	The Limbic System. , 2020, , 745-830.		3
1929	Intraseptal cholinergic infusions alter memory in the rat: method and mechanism. , 2006, 98, 87-98.		1
1930	Interactions Between Chewing and Brain Activity in Humans. , 2008, , 99-113.		2

ARTICLE IF CITATIONS State-Dependent Changes in Network Activity of the Hippocampal Formation., 1998,,. 1931 0 Verhaltenspharmakologie., 2008,, 79-104. A simple network model simulates hippocampal place fields: parametric analyses and physiological 1935 0.6 15 predictions. Behavioral Neuroscience, 1993, 107, 34-50. Comparison of ventral subicular and hippocampal neuron spatial firing patterns in complex and simplified environments. Behavioral Neuroscience, 1998, 112, 707-13. A neural network approach to hippocampal function in classical conditioning. Behavioral 1937 0.6 31 Neuroscience, 1991, 105, 82-110. Effects of long-term malnutrition and rehabilitation on the hippocampal formation of the adult rat. A morphometric study. Journal of Anatomy, 1995, 187 (Pt 2), 379-93. Understanding the cortex through the hippocampus: lamina-specific connections of the rat 1939 0.9 4 hippocampal neurons. Journal of Anatomy, 1995, 187 (Pt 3), 539-45. Diffusion tensor microscopy indicates the cytoarchitectural basis for diffusion anisotropy in the 1942 1.2 human hippocampus. American Journal of Neuroradiology, 2007, 28, 958-64. Highâ€resolution microscopic diffusion anisotropy imaging in the human hippocampus at 3T. Magnetic 1943 1.9 4 Resonance in Medicine, 2022, 87, 1903-1913. Anterior–Posterior Hippocampal Dynamics Support Working Memory Processing. Journal of 1944 1.7 Neuroscience, 2022, 42, 443-453. Opto-vTrap, an optogenetic trap for reversible inhibition of vesicular release, synaptic transmission, 1945 3.8 8 and behavior. Neuron, 2022, 110, 423-435.e4. The Hybrid Drive: A Chronic Implant Device Combining Tetrode Arrays with Silicon Probes for 1946 0.4 Layer-Resolved Ensemble Electrophysiology in Freely Moving Mice. SSRN Electronic Journal, 0, , . Dynamical origin for winner-take-all competition in a biological network of the hippocampal dentate 1947 0.8 4 gýrus. Physical Review E, 2022, 105, 014418. Directional Tuning of Phase Precession Properties in the Hippocampus. Journal of Neuroscience, 2022, 1948 1.7 Dual projecting cells linking thalamic and cortical communication routes between the medial 1949 1.0 11 prefrontal cortex and hippocampus. Neurobiology of Learning and Memory, 2022, 188, 107586. Rapid odor processing by layer 2 subcircuits in lateral entorhinal cortex. ELife, 2022, 11, . Barques are generated in posterior hippocampus and phase reverse over lateral posterior hippocampal 1952 0.7 3 surface. Clinical Neurophysiology, 2022, 136, 150-157. Lateral entorhinal cortex dysfunction in amnestic mild cognitive impairment. Neurobiology of Aging, 1.5 2022, 112, 151-160.

#	Article	IF	CITATIONS
1954	Exercise to spot the differences: a framework for the effect of exercise on hippocampal pattern separation in humans. Reviews in the Neurosciences, 2022, 33, 555-582.	1.4	4
1956	Disynaptic effect of hilar cells on pattern separation in a spiking neural network of hippocampal dentate gyrus. Cognitive Neurodynamics, 2022, 16, 1427-1447.	2.3	6
1957	Long-Range GABAergic Projections of Cortical Origin in Brain Function. Frontiers in Systems Neuroscience, 2022, 16, 841869.	1.2	13
1958	Benchmarking the proteomic profile of animal models of mesial temporal epilepsy. Annals of Clinical and Translational Neurology, 2022, 9, 454-467.	1.7	6
1960	Hippocampal formation-inspired probabilistic generative model. Neural Networks, 2022, 151, 317-335.	3.3	7
1961	Recent advances in tissue stem cells. Science China Life Sciences, 2021, 64, 1998-2029.	2.3	12
1962	Noncanonical projections to the hippocampal CA3 regulate spatial learning and memory by modulating the feedforward hippocampal trisynaptic pathway. PLoS Biology, 2021, 19, e3001127.	2.6	20
1963	Layer-Specific Vesicular Glutamate Transporter 1 Immunofluorescence Levels Delineate All Layers of the Human Hippocampus Including the Stratum lucidum. Frontiers in Cellular Neuroscience, 2021, 15, 789903.	1.8	5
1965	Hippocampal-hypothalamic circuit controls context-dependent innate defensive responses. ELife, 2022, 11, .	2.8	12
1966	The Hybrid Drive: a chronic implant device combining tetrode arrays with silicon probes for layer-resolved ensemble electrophysiology in freely moving mice. Journal of Neural Engineering, 2022, 19, 036030.	1.8	5
1967	Early Life Events and Maturation of the Dentate Gyrus: Implications for Neurons and Glial Cells. International Journal of Molecular Sciences, 2022, 23, 4261.	1.8	9
1971	Adult hippocampal neurogenesis and its impairment in Alzheimer's disease. Zoological Research, 2022, 43, 481-496.	0.9	16
1972	The Intriguing Contribution of Hippocampal Long-Term Depression to Spatial Learning and Long-Term Memory. Frontiers in Behavioral Neuroscience, 2022, 16, 806356.	1.0	19
1973	Ripple-selective GABAergic projection cells in the hippocampus. Neuron, 2022, 110, 1959-1977.e9.	3.8	24
1974	Lower functional hippocampal connectivity in healthy adults is jointly associated with higher levels of leptin and insulin resistance. European Psychiatry, 2022, 65, 1-23.	0.1	2
1975	Regional patterns of brain 2-DG uptake produced in mice by electrical stimulation of the septum, hypothalamus, or entorhinal cortex: Relation to functional neural pathways involved in memory mechanisms. Cognitive, Affective and Behavioral Neuroscience, 1995, 23, 1-9.	1.2	1
1976	Dissociation of hippocampal and entorhinal function in associative learning: A computational approach. Cognitive, Affective and Behavioral Neuroscience, 1995, 23, 116-138.	1.2	54
1977	Effects of controllability of stress on hippocampal pharmacology. Cognitive, Affective and Behavioral Neuroscience, 1998, 26, 65-72.	1.2	8

#	Article	IF	CITATIONS
1978	Hippocampus. , 2022, , 3117-3123.		0
1979	The role of inhibitory circuits in hippocampal memory processing. Nature Reviews Neuroscience, 2022, 23, 476-492.	4.9	35
1982	Aversive Contexts Reduce Activity in the Ventral Subiculum-Bed Nucleus of the Stria Terminalis Pathway. Neuroscience, 2022, , .	1.1	2
1983	Connectivity and synaptic features of hilar mossy cells and their effects on granule cell activity along the hippocampal longitudinal axis. Journal of Physiology, 0, , .	1.3	2
1984	Sirt1 protects against hippocampal atrophy and its induced cognitive impairment in middle-aged mice. BMC Neuroscience, 2022, 23, .	0.8	9
1985	Loss of functional heterogeneity along the CA3 transverse axis in aging. Current Biology, 2022, 32, 2681-2693.e4.	1.8	5
1986	Hippocampus, Model Excitatory Cells. , 2022, , 1590-1602.		0
1988	UP-DOWN states and ripples differentially modulate membrane potential dynamics across DG, CA3, and CA1 in awake mice. ELife, 0, 11, .	2.8	7
1990	Exact mean-field models for spiking neural networks with adaptation. Journal of Computational Neuroscience, 2022, 50, 445-469.	0.6	7
1992	Effects Of Biotin Deficiency On Short Term Memory: The Role Of Glutamate, Glutamic Acid, Dopamine And Protein Kinase A. Brain Research, 2022, , 148031.	1.1	3
1993	Aberrant connection formation and glia involvement in the progression of pharmacoresistant mesial temporal lobe epilepsy. Current Pharmaceutical Design, 2022, 28, .	0.9	1
1994	Attractor-like Dynamics in the Subicular Complex. Journal of Neuroscience, 2022, 42, 7594-7614.	1.7	5
1995	The fibro―and cytoâ€architecture demarcating the border between the dentate gyrus and CA3 in sheep (<i>Ovis aries</i>) and domestic pig (<i>Sus scrofa domesticus</i>). Hippocampus, 2022, 32, 639-659.	0.9	3
1996	Learning shifts the preferred theta phase of gamma oscillations in <scp>CA1</scp> . Hippocampus, 2022, 32, 695-704.	0.9	1
1997	Seizure-induced strengthening of a recurrent excitatory circuit in the dentate gyrus is proconvulsant. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	16
1998	Neuropeptides and small-molecule amine transmitters: cooperative signaling in the nervous system. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	7
1999	Replay, the default mode network and the cascaded memory systems model. Nature Reviews Neuroscience, 2022, 23, 628-640.	4.9	44
2000	Hippocampal interlamellar cell–cell connectome that counts. Journal of Cellular Physiology, 2022, 237, 4037-4048.	2.0	4

#	Article	IF	Citations
2001	The removal and addition of cues does not impair spatial retrieval and leads to a different metabolic activity of the limbic network in female rats. Brain Research Bulletin, 2022, 190, 22-31.	1.4	0
2003	Pair-bonding and social experience modulate new neurons survival in adult male and female prairie voles (Microtus ochrogaster). Frontiers in Neuroanatomy, 0, 16, .	0.9	5
2004	Sustained Activity of Hippocampal Parvalbumin-Expressing Interneurons Supports Trace Eyeblink Conditioning in Mice. Journal of Neuroscience, 2022, 42, 8343-8360.	1.7	2
2005	Representations of Complex Contexts: A Role for Hippocampus. Journal of Cognitive Neuroscience, 2022, 35, 90-110.	1.1	4
2007	Hippocampal responses to electrical stimulation of the major input pathways are modulated by dentate spikes. Hippocampus, 2022, 32, 808-817.	0.9	4
2008	Principles for the Design of MRI Probes. , 2023, , 147-199.		0
2009	The Hippocampus and Addiction: Focus on Plasticity and Circuitry in the Hippocampus. , 2022, , 437-458.		0
2012	Theta dominates cross-frequency coupling in hippocampal-medial entorhinal circuit during awake-behavior in rats. IScience, 2022, 25, 105457.	1.9	6
2013	Hippocampal cellular functional organization for fear memory: Effects of sleep. Hippocampus, 0, , .	0.9	0
2015	A model of attention and memory based on the principle of the dominant and the comparator function of the hippocampus. Neuroscience and Behavioral Physiology, 2005, 35, 235-252.	0.2	0
2016	Molecular and subregion mechanisms of episodic memory phenotypes in temporal lobe epilepsy. Brain Communications, 0, , .	1.5	2
2017	From mechanisms to markers: novel noninvasive EEG proxy markers of the neural excitation and inhibition system in humans. Translational Psychiatry, 2022, 12, .	2.4	29
2018	Reduction of glutamatergic activity through cholinergic dysfunction in the hippocampus of hippocampal cholinergic neurostimulating peptide precursor protein knockout mice. Scientific Reports, 2022, 12, .	1.6	2
2019	Proposal for a computational model of incentive memory. Cognitive Systems Research, 2022, , .	1.9	1
2020	Parallel Pathways Provide Hippocampal Spatial Information to Prefrontal Cortex. Journal of Neuroscience, 2023, 43, 68-81.	1.7	2
2021	Experience-dependent changes in hippocampal spatial activity and hippocampal circuit function are disrupted in a rat model of Fragile X Syndrome. Molecular Autism, 2022, 13, .	2.6	6
2022	Role of Glycogen Synthase Kinase 3 in Molecular Pathology of Alzheimer's Disease. International Journal of Health Sciences and Pharmacy, 0, , 181-199.	0.0	0
2023	Neuroanatomical and psychological considerations in temporal lobe epilepsy. Frontiers in Neuroanatomy, 0, 16, .	0.9	3

0			<u> </u>	
	ΙΤΔΤΙ	ON	REPC	דקו
\sim			ICLI C	

#	Article	IF	CITATIONS
2024	Dorsal Dentate Gyrus, a Key Regulator for Mood and Psychiatric Disorders. Biological Psychiatry, 2023, 93, 1071-1080.	0.7	6
2025	Coordinated drift of receptive fields in Hebbian/anti-Hebbian network models during noisy representation learning. Nature Neuroscience, 2023, 26, 339-349.	7.1	10
2026	Predictive modeling of optimism bias using gray matter cortical thickness. Scientific Reports, 2023, 13, .	1.6	0
2028	Differential vulnerability of the dentate gyrus to tauopathies in dementias. Acta Neuropathologica Communications, 2023, 11, .	2.4	3
2029	<scp>CA2</scp> orchestrates hippocampal network dynamics. Hippocampus, 2023, 33, 241-251.	0.9	7
2030	Hippocampus: Molecular, Cellular, and Circuit Features in Anxiety. Neuroscience Bulletin, 2023, 39, 1009-1026.	1.5	11
2031	Hippocampal circuits. , 2023, , 247-288.		1
2032	Hippocampal-medial entorhinal circuit is differently organized along the dorsoventral axis in rodents. Cell Reports, 2023, 42, 112001.	2.9	9
2033	Presenilins regulate synaptic plasticity in the perforant pathways of the hippocampus. Molecular Brain, 2023, 16, .	1.3	2
2034	Neuromodulatory functions exerted by oxytocin on different populations of hippocampal neurons in rodents. Frontiers in Cellular Neuroscience, 0, 17, .	1.8	3
2036	Organization of hippocampal CA3 into correlated cell assemblies supports a stable spatial code. Cell Reports, 2023, 42, 112119.	2.9	10
2037	Functional re-organization of hippocampal-cortical gradients during naturalistic memory processes. NeuroImage, 2023, 271, 119996.	2.1	10
2038	Projections of hippocampal <scp>CA2</scp> pyramidal neurons: Distinct innervation patterns of <scp>CA2</scp> compared to <scp>CA3</scp> in rodents. Hippocampus, 0, , .	0.9	2
2039	Mechanism of Action of Natural Compounds in Peripheral Multiorgan Dysfunction and Hippocampal Neuroinflammation Induced by Sepsis. Antioxidants, 2023, 12, 635.	2.2	2
2041	The role of puberty on physical and brain development: A longitudinal study in male Rhesus Macaques. Developmental Cognitive Neuroscience, 2023, 60, 101237.	1.9	1
2042	Differential Laminar Activation Dissociates Encoding and Retrieval in the Human Medial and Lateral Entorhinal Cortex. Journal of Neuroscience, 2023, 43, 2874-2884.	1.7	1
2045	MemophenolTM Prevents Amyloid-β Deposition and Attenuates Inflammation and Oxidative Stress in the Brain of an Alzheimer's Disease Rat. International Journal of Molecular Sciences, 2023, 24, 6938.	1.8	0
2046	Chlorogenic Acid Attenuates Doxorubicin-Induced Oxidative Stress and Markers of Apoptosis in Cardiomyocytes via Nrf2/HO-1 and Dityrosine Signaling. Journal of Personalized Medicine, 2023, 13, 649.	1.1	7

ARTICLE

IF CITATIONS