Gal Richter-Levin

List of Publications by Year
in descending order

188 papers	11,404 citations	22153 59 h-index	33894 99 g-index
196 all docs	196 docs citations	196 times ranked	10553 citing authors

#	Article	IF	Citations
1	Stress revisited: A critical evaluation of the stress concept. Neuroscience and Biobehavioral Reviews, 2011, 35, 1291-1301.	6.1	1,124
2	Water associated zero maze: a novel rat test for long term traumatic re-experiencing. Frontiers in Behavioral Neuroscience, 2014, 8, 1.	2.0	348
3	Impaired interleukinâ€1 signaling is associated with deficits in hippocampal memory processes and neural plasticity. Hippocampus, 2003, 13, 826-834.	1.9	306
4	Exposure to Acute Stress Blocks the Induction of Long-Term Potentiation of the Amygdalaâ€“Prefrontal Cortex PathwayIn Vivo. Journal of Neuroscience, 2003, 23, 4406-4409.	3.6	271
5	Setting Apart the Affected: The Use of Behavioral Criteria in Animal Models of Post Traumatic Stress Disorder. Neuropsychopharmacology, 2004, 29, 1962-1970.	5.4	237
6	Biphasic Modulation of Hippocampal Plasticity by Behavioral Stress and Basolateral Amygdala Stimulation in the Rat. Journal of Neuroscience, 1999, 19, 10530-10535.	3.6	228
7	How can drug discovery for psychiatric disorders be improved?. Nature Reviews Drug Discovery, 2007, 6, 189-201.	46.4	217
8	Mechanisms of Amygdala Modulation of Hippocampal Plasticity. Journal of Neuroscience, 2002, 22, 9912-9921.	3.6	206
9	Exposure to juvenile stress exacerbates the behavioural consequences of exposure to stress in the adult rat. International Journal of Neuropsychopharmacology, 2005, 8, 163-173.	2.1	187
10	From high anxiety trait to depression: a neurocognitive hypothesis. Trends in Neurosciences, 2009, 32, 312-320.	8.6	186
11	Ageâ€dependent effects of chronic stress on brain plasticity and depressive behavior. Journal of Neurochemistry, 2008, 107, 522-532.	3.9	178
12	Emotional tagging of memory formationâ€"in the search for neural mechanisms. Brain Research Reviews, 2003, 43, 247-256.	9.0	175
13	A neural circuit for comorbid depressive symptoms in chronic pain. Nature Neuroscience, 2019, 22, 1649-1658.	14.8	175
14	Long-term potentiation increases tyrosine phosphorylation of the N-methyl-D-aspartate receptor subunit 2B in rat dentate gyrus in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 10457-10460.	7.1	165
15	A Facilitative Role for Corticosterone in the Acquisition of a Spatial Task Under Moderate Stress. Learning and Memory, 2004, 11, 188-195.	1.3	149
16	Hippocampal plasticity involves extensive gene induction and multiple cellular mechanisms. Journal of Molecular Neuroscience, 1998, 10, 75-98.	2.3	147
17	Amygdala-Hippocampus Dynamic Interaction in Relation to Memory. Molecular Neurobiology, 2000, 22, 011-020.	4.0	146
18	Dorsal periaqueductal gray-amygdala pathway conveys both innate and learned fear responses in rats. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14795-14800.	7.1	144

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19	The Amygdala, the Hippocampus, and Emotional Modulation of Memory. Neuroscientist, 2004, 10, 31-39.	3.5	143
20	Juvenile stress induces a predisposition to either anxiety or depressive-like symptoms following stress in adulthood. European Neuropsychopharmacology, 2007, 17, 245-256.	0.7	142
21	Spatial performance is severely impaired in rats with combined reduction of serotonergic and cholinergic transmission. Brain Research, 1989, 477, 404-407.	2.2	139
22	Animal models of PTSD: a challenge to be met. Molecular Psychiatry, 2019, 24, 1135-1156.	7.9	138
23	Stressâ€induced dynamic routing of hippocampal connectivity: A hypothesis. Hippocampus, 2010, 20, 1332-1338.	1.9	130
24	Activity and plasticity in the CA1, the dentate gyrus, and the amygdala following controllable vs. uncontrollable water stress. Hippocampus, 2006, 16, 35-42.	1.9	127
25	Acute and long-term behavioral correlates of underwater trauma â€" potential relevance to stress and post-stress syndromes. Psychiatry Research, 1998, 79, 73-83.	3.3	126
26	Differential activation of hippocampus and amygdala following spatial learning under stress. European Journal of Neuroscience, 2001, 14, 719-725.	2.6	117
27	Activation of metabotropic glutamate receptors is necessary for long-term potentiation in the dentate gyrus and for spatial learning. Neuropharmacology, 1994, 33, 853-857.	4.1	115
28	Stimulation at 1-5 Hz does not produce long-term depression or depotentiation in the hippocampus of the adult rat in vivo. Journal of Neurophysiology, 1995, 74, 1793-1799.	1.8	114
29	A Cellular Correlate of Learning-induced Metaplasticity in the Hippocampus. Cerebral Cortex, 2006, 16, 460-468.	2.9	112
30	Learning under stress in the adult rat is differentially affected by â€˜juvenileâ€™ or â€˜adolescentâ€™ stress. International Journal of Neuropsychopharmacology, 2006, 9, 713.	2.1	106
31	Effects of inescapable stress on LTP in the amygdala versus the dentate gyrus of freely behaving rats. European Journal of Neuroscience, 2004, 19, 1887-1894.	2.6	103
32	Stress-induced metaplasticity: From synapses to behavior. Neuroscience, 2013, 250, 112-120.	2.3	100
33	Emotional taggingâ€"A simple hypothesis in a complex reality. Progress in Neurobiology, 2011, 94, 64-76.	5.7	97
34	The SSRIs drug Fluoxetine, but not the noradrenergic tricyclic drug Desipramine, improves memory performance during acute major depression. Brain Research Bulletin, 2002, 58, 345-350.	3.0	95
35	Effects of stress and corticosterone on activity and plasticity in the amygdala. Journal of Neuroscience Research, 2006, 84, 1580-1587.	2.9	95
36	Contrasting Roles of Corticosteroid Receptors in Hippocampal Plasticity. Journal of Neuroscience, 2006, 26, 9130-9134.	3.6	94

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37	The Contribution of an Animal Model Toward Uncovering Biological Risk Factors for PTSD. Annals of the New York Academy of Sciences, 2006, 1071, 335-350.	3.8	94
38	Emotion Regulatory Flexibility Sheds Light on the Elusive Relationship Between Repeated Traumatic Exposure and Posttraumatic Stress Disorder Symptoms. Clinical Psychological Science, 2016, 4, 28-39.	4.0	94
39	Ultrastructural synaptic correlates of spatial learning in rat hippocampus. Neuroscience, 1997, 80, 69-77.	2.3	93
40	Morphological changes in hippocampal dentate gyrus synapses following spatial learning in rats are transient. European Journal of Neuroscience, 2003, 17, 1973-1980.	2.6	93
41	Enriched Environment Experience Overcomes Learning Deficits and Depressive-Like Behavior Induced by Juvenile Stress. PLoS ONE, 2009, 4, e4329.	2.5	91
42	The international society for developmental psychobiology annual meeting symposium: Impact of early life experiences on brain and behavioral development. Developmental Psychobiology, 2006, 48, 583-602.	1.6	87
43	Long-term potentiation and glutamate release in the dentate gyrus: links to spatial learning. Behavioural Brain Research, 1995, 66, 37-40.	2.2	86
44	Differential impact of juvenile stress and corticosterone in juvenility and in adulthood, in male and female rats. Behavioural Brain Research, 2010, 214, 268-276.	2.2	83
45	Pre-pubertal stress exposure affects adult behavioral response in association with changes in circulating corticosterone and brain-derived neurotrophic factor. Psychoneuroendocrinology, 2009, 34, 844-858.	2.7	81
46	The effects of serotonin depletion and raphe grafts on hippocampal electrophysiology and behavior. Journal of Neuroscience, 1991, 11, 1585-1596.	3.6	80
47	Effects of early-life stress on behavior and neurosteroid levels in the rat hypothalamus and entorhinal cortex. Brain Research Bulletin, 2006, 68, 419-424.	3.0	79
48	Exposure to Stressors during Juvenility Disrupts Development-Related Alterations in the PSA-NCAM to NCAM Expression Ratio: Potential Relevance for Mood and Anxiety Disorders. Neuropsychopharmacology, 2008, 33, 378-393.	5.4	78
49	Simultaneous induction of long-term potentiation in the hippocampus and the amygdala by entorhinal cortex activation: mechanistic and temporal profiles. Neuroscience, 2003, 120, 1125-1135.	2.3	75
50	Stress and Amygdala Suppression of Metaplasticity in the Medial Prefrontal Cortex. Cerebral Cortex, 2010, 20, 2433-2441.	2.9	74
51	Physiological Dissociation in Hippocampal Subregions in Response to Amygdala Stimulation. Cerebral Cortex, 2005, 15, 1815-1821.	2.9	73
52	Reduced hippocampal volume is associated with overgeneralization of negative context in individuals with PTSD.. Neuropsychology, 2015, 29, 151-161.	1.3	72
53	Post-Weaning to Pre-Pubertal (â€˜Juvenileâ€™) Stress: A Model of Induced Predisposition to Stress-Related Disorders. Neuroendocrinology, 2012, 95, 56-64.	2.5	71
54	Cannabinoid Receptor Activation Prevents the Effects of Chronic Mild Stress on Emotional Learning and LTP in a Rat Model of Depression. Neuropsychopharmacology, 2014, 39, 919-933.	5.4	71

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55	A novel approach to PTSD modeling in rats reveals alternating patterns of limbic activity in different types of stress reaction. Molecular Psychiatry, 2016, 21, 630-641.	7.9	70
56	Long-lasting behavioral effects of juvenile trauma in an animal model of PTSD associated with a failure of the autonomic nervous system to recover. European Neuropsychopharmacology, 2007, 17, 464-477.	0.7	69
57	Behavioral profiling as a translational approach in an animal model of posttraumatic stress disorder. Neurobiology of Disease, 2016, 88, 139-147.	4.4	69
58	Amygdala modulation of memory-related processes in the hippocampus: potential relevance to PTSD. Progress in Brain Research, 2007, 167, 35-51.	1.4	67
59	How could stress lead to major depressive disorder?. IBRO Reports, 2018, 4, 38-43.	0.3	66
60	Spatial learning and the saturation of long-term potentiation. Hippocampus, 1993, 3, 123-125.	1.9	63
61	Priming stimulation in the basolateral amygdala modulates synaptic plasticity in the rat dentate gyrus. Neuroscience Letters, 1999, 270, 83-86.	2.1	62
62	Glucocorticoid receptors and Î²-adrenoceptors in basolateral amygdala modulate synaptic plasticity in hippocampal dentate gyrus, but not in area CA1. Neuropharmacology, 2007, 52, 244-252.	4.1	61
63	The amygdala and appraisal processes: stimulus and response complexity as an organizing factor. Brain Research Reviews, 2004, 44, 179-186.	9.0	58
64	Actions of norepinephrine in the rat hippocampus. Progress in Brain Research, 1991, 88, 323-330.	1.4	57
65	Juvenile stress-induced alteration of maturation of the GABAA receptor Î± subunit in the rat. International Journal of Neuropsychopharmacology, 2008, 11, 891-903.	2.1	56
66	Serotinin, Aging and Cognitive Functions of the Hippocampus. Reviews in the Neurosciences, 1996, 7, 103-13.	2.9	54
67	Acute and Repeated Swim Stress Effects on Peripheral Benzodiazepine Receptors in the Rat Hippocampus, Adrenal, and Kidney,. Neuropsychopharmacology, 2001, 25, 669-678.	5.4	54
68	Physical stress differs from psychosocial stress in the pattern and time-course of behavioral responses, serum corticosterone and expression of plasticity-related genes in the rat. Stress, 2009, 12, 412-425.	1.8	52
69	A rat model of pre-puberty (Juvenile) stress-induced predisposition to stress-related disorders: Sex similarities and sex differences in effects and symptoms. World Journal of Biological Psychiatry, 2014, 15, 36-48.	2.6	51
70	Stress modulation of hippocampal activity â€“ Spotlight on the dentate gyrus. Neurobiology of Learning and Memory, 2014, 112, 53-60.	1.9	51
71	Raphe cells grafted into the hippocampus can ameliorate spatial memory deficits in rats with combined serotonergic/cholinergic deficiencies. Brain Research, 1989, 478, 184-186.	2.2	50
72	Using machine learning-based analysis for behavioral differentiation between anxiety and depression. Scientific Reports, 2020, 10, 16381.	3.3	50

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73	Short-term behavioral and electrophysiological consequences of underwater trauma. Physiology and Behavior, 2000, 70, 327-332.	2.1	49
74	Adaptive emotional memory: the key hippocampalâ€“amygdalar interaction. Stress, 2015, 18, 297-308.	1.8	49
75	Neonatal and juvenile stress induces changes in adult social behavior without affecting cognitive function. Behavioural Brain Research, 2008, 190, 135-139.	2.2	47
76	Short- and long-term effects of juvenile stressor exposure on the expression of GABA_Areceptor subunits in rats. Stress, 2012, 15, 416-424.	1.8	47
77	Unpredictable chronic stress in juvenile or adult rats has opposite effects, respectively, promoting and impairing resilience. Stress, 2012, 15, 11-20.	1.8	46
78	Neurobiological consequences of juvenile stress: A GABAergic perspective on risk and resilience. Neuroscience and Biobehavioral Reviews, 2017, 74, 21-43.	6.1	46
79	Interpersonal distance and social anxiety in autistic spectrum disorders: A behavioral and ERP study. Social Neuroscience, 2015, 10, 1-12.	1.3	45
80	The hidden price and possible benefit of repeated traumatic exposure. Stress, 2016, 19, 1-7.	1.8	45
81	LTP in the dentate gyrus is associated with a persistent NMDA receptor-dependent enhancement of synaptosomal glutamate release. Brain Research, 1994, 667, 115-117.	2.2	43
82	Differential Amplification of Intron-containing Transcripts Reveals Long Term Potentiation-associated Up-regulation of Specific Pde10A Phosphodiesterase Splice Variants. Journal of Biological Chemistry, 2004, 279, 15841-15849.	3.4	43
83	Juvenile stress alters LTP in ventral hippocampal slices: Involvement of noradrenergic mechanisms. Behavioural Brain Research, 2015, 278, 559-562.	2.2	42
84	Age-related Cognitive Deficits in Rats Are Associated with a Combined Loss of Cholinergic and Serotonergic Functionsa. Annals of the New York Academy of Sciences, 1993, 695, 254-257.	3.8	41
85	Effects of serotonin releasers on dentate granule cell excitability in the rat. Experimental Brain Research, 1990, 82, 199-207.	1.5	40
86	Exposure to extreme stress impairs contextual odour discrimination in an animal model of PTSD. International Journal of Neuropsychopharmacology, 2009, 12, 291.	2.1	40
87	Age and sex-dependent differences in activity, plasticity and response to stress in the dentate gyrus. Neuroscience, 2013, 249, 21-30.	2.3	40
88	The effects of a reminder of underwater trauma on behaviour and memory-related mechanisms in the rat dentate gyrus. International Journal of Neuropsychopharmacology, 2014, 17, 571-580.	2.1	39
89	The role of empathy in the neural responses to observed human social touch. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 802-813.	2.0	39
90	Amygdala activation and GABAergic gene expression in hippocampal sub-regions at the interplay of stress and spatial learning. Frontiers in Behavioral Neuroscience, 2014, 8, 3.	2.0	38

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91	Title: â€œLabels Matter: Is it stress or is it Trauma?â€• Translational Psychiatry, 2021, 11, 385.	4.8	35
92	Differential activation of amygdala, dorsal and ventral hippocampus following an exposure to a reminder of underwater trauma. Frontiers in Behavioral Neuroscience, 2014, 8, 18.	2.0	34
93	GAD65 haplodeficiency conveys resilience in animal models of stress-induced psychopathology. Frontiers in Behavioral Neuroscience, 2014, 8, 265.	2.0	34
94	A gradient of plasticity in the amygdala revealed by cortical and subcortical stimulation, in vivo. Neuroscience, 2001, 106, 613-620.	2.3	33
95	Long-term effects of controllability or the lack of it on coping abilities and stress resilience in the rat. Stress, 2014, 17, 423-430.	1.8	33
96	GABAergic Synapses at the Axon Initial Segment of Basolateral Amygdala Projection Neurons Modulate Fear Extinction. Neuropsychopharmacology, 2017, 42, 473-484.	5.4	33
97	Regional Specificity of Raphe Graft-Induced Recovery of Behavioral Functions Impaired by Combined Serotonergic/Cholinergic Lesions. Experimental Neurology, 1993, 121, 256-260.	4.1	32
98	The hidden price of repeated traumatic exposure. Stress, 2014, 17, 343-351.	1.8	32
99	â€œJuvenile stressâ€•alters maturationâ€related changes in expression of the neural cell adhesion molecule L1 in the limbic system: Relevance for stressâ€related psychopathologies. Journal of Neuroscience Research, 2010, 88, 369-380.	2.9	31
100	Inhibitors of PLA2 and NO synthase cooperate in producing amnesia of a spatial task. NeuroReport, 1995, 6, 730-732.	1.2	30
101	Magnesium sulfate prevents maternal inflammationâ€"induced impairment of learning ability and memory in rat offspring. American Journal of Obstetrics and Gynecology, 2015, 213, 851.e1-851.e8.	1.3	30
102	Shifts in excitatory/inhibitory balance by juvenile stress: A role for neuronâ€"astrocyte interaction in the dentate gyrus. Glia, 2016, 64, 911-922.	4.9	30
103	Activation pattern of the limbic system following spatial learning under stress. European Journal of Neuroscience, 2008, 27, 715-722.	2.6	29
104	The effects general and restricted serotonergic lesions on hippocampal electrophysiology and behavior. Brain Research, 1994, 642, 111-116.	2.2	28
105	Dissociation between genes activated in long-term potentiation and in spatial learning in the rat. Neuroscience Letters, 1998, 251, 41-44.	2.1	26
106	Stimulus intensity-dependent modulations of hippocampal long-term potentiation by basolateral amygdala priming. Frontiers in Cellular Neuroscience, 2012, 6, 21.	3.7	26
107	The hidden price of repeated traumatic exposure: different cognitive deficits in different first-responders. Frontiers in Behavioral Neuroscience, 2014, 8, 281.	2.0	26
108	Reduction in spine density associated with long-term potentiation in the dentate gyrus suggests a spine fusion-and-branching model of potentiation. , 1997, 7, 489-500.		25

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109	Differential modulation of synaptic plasticity and local circuit activity in the dentate gyrus and CA1 regions of the rat hippocampus by corticosterone. Stress, 2015, 18, 319-327.	1.8	25
110	The interhemispheric CA1 circuit governs rapid generalisation but not fear memory. Nature Communications, 2017, 8, 2190.	12.8	25
111	Re-structuring of synapses 24 hours after induction of long-term potentiation in the dentate gyrus of the rat hippocampus in vivo. Neuroscience, 2000, 100, 221-227.	2.3	24
112	Light exposure before learning improves memory consolidation at night. Scientific Reports, 2015, 5, 15578.	3.3	23
113	Exposure to Forced Swim Stress Alters Local Circuit Activity and Plasticity in the Dentate Gyrus of the Hippocampus. Neural Plasticity, 2008, 2008, 1-8.	2.2	22
114	Local circuit plasticity in the rat dentate gyrus: characterization and aging-related impairment. Neuroscience, 2002, 112, 1001-1007.	2.3	20
115	LTP but not seizure is associated with up-regulation ofAKAP-150. European Journal of Neuroscience, 2003, 17, 331-340.	2.6	20
116	ERK2 and CREB activation in the amygdala when an event is remembered as â€œFearfulâ€•and not when it is remembered as â€œInstructiveâ€• Journal of Neuroscience Research, 2009, 87, 1823-1831.	2.9	20
117	Different patterns of amygdala priming differentially affect dentate gyrus plasticity and corticosterone, but not CA1 plasticity. Frontiers in Neural Circuits, 2013, 7, 80.	2.8	20
118	Effect of 5-hydroxytryptophane on behavior and hippocampal physiology in young and old rats. Neurobiology of Aging, 1994, 15, 635-641.	3.1	19
119	Frequency-Dependent Inhibition in the Dentate Gyrus Is Attenuated by the NMDA Receptor Blocker MK-801 at Doses That Do Not Yet Affect Long-Term Potentiation. Hippocampus, 1999, 9, 491-494.	1.9	19
120	Factors That Determine the Non-Linear Amygdala Influence on Hippocampus-Dependent Memory. Dose-Response, 2006, 4, dose-response.0.	1.6	19
121	Selective increase in the association of the Î²2 adrenergic receptor, Î² Arrestin-1 and p53 with Mdm2 in the ventral hippocampus one month after underwater trauma. Behavioural Brain Research, 2013, 240, 26-28.	2.2	19
122	Machine learning-based diagnosis support system for differentiating between clinical anxiety and depression disorders. Journal of Psychiatric Research, 2021, 141, 199-205.	3.1	19
123	LTP in the rat basal amygdala induced by perirhinal cortex stimulation in vivo. NeuroReport, 2000, 11, 525-530.	1.2	17
124	The GABA-synthetic enzyme GAD65 controls circadian activation of conditioned fear pathways. Behavioural Brain Research, 2014, 260, 92-100.	2.2	17
125	Pre-trauma Methylphenidate in rats reduces PTSD-like reactions one month later. Translational Psychiatry, 2017, 7, e1000-e1000.	4.8	17
126	From Synaptic Metaplasticity to Behavioral Metaplasticity. Neurobiology of Learning and Memory, 2018, 154, 1-4.	1.9	17

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127	Machine Learning-Based Behavioral Diagnostic Tools for Depression: Advances, Challenges, and Future Directions. Journal of Personalized Medicine, 2021, 11, 957.	2.5	17
128	An Î±2 antagonist, idazoxan, enhances EPSP-spike coupling in the rat dentate gyrus. Brain Research, 1991, 540, 291-294.	2.2	16
129	5-HT receptor-mediated modulation of granule cell inhibition after juvenile stress recovers after a second exposure to adult stress. Neuroscience, 2015, 293, 67-79.	2.3	16
130	Receptor tyrosine kinase EphA7 is required for interneuron connectivity at specific subcellular compartments of granule cells. Scientific Reports, 2016, 6, 29710.	3.3	16
131	Hippocampal GABAergic interneurons and their co-localized neuropeptides in stress vulnerability and resilience. Neuroscience and Biobehavioral Reviews, 2021, 122, 229-244.	6.1	16
132	Grafting of midbrain neurons into the hippocampus restores serotonergic modulation of hippocampal activity in the rat. Brain Research, 1990, 521, 1-6.	2.2	15
133	The role of the GABAA receptor Alpha 1 subunit in the ventral hippocampus in stress resilience. Scientific Reports, 2019, 9, 13513.	3.3	15
134	Region-specific involvement of interneuron subpopulations in trauma-related pathology and resilience. Neurobiology of Disease, 2020, 143, 104974.	4.4	15
135	Spatial training and high-frequency stimulation engage a common pathway to enhance glutamate release in the hippocampus.. Learning and Memory, 1998, 4, 445-450.	1.3	14
136	Priming stimulation of basal but not lateral amygdala affects long-term potentiation in the rat dentate gyrus in vivo. Neuroscience, 2013, 246, 13-21.	2.3	14
137	Dentate Gyrus Local Circuit is Implicated in Learning Under Stressâ€"a Role for Neurofascin. Molecular Neurobiology, 2016, 53, 842-850.	4.0	14
138	Exposure to prolonged controllable or uncontrollable stress affects GABAergic function in sub-regions of the hippocampus and the amygdala. Neurobiology of Learning and Memory, 2017, 138, 271-280.	1.9	14
139	Fluoxetine treatment is effective in a rat model of childhood-induced post-traumatic stress disorder. Translational Psychiatry, 2017, 7, 1260.	4.8	14
140	Perirhinal Cortex and Thalamic Stimulation Induces LTP in Different Areas of the Amygdala. Annals of the New York Academy of Sciences, 2000, 911, 474-476.	3.8	13
141	Dendritic spines form 'collarsÊ¼ in hippocampal granule cells. NeuroReport, 1995, 6, 1557-1561.	1.2	12
142	Emotional Memory Formation Under Lower Versus Higher Stress Conditions. Frontiers in Behavioral Neuroscience, 2010, 4, 183.	2.0	12
143	Despair-associated memory requires a slow-onset CA1 long-term potentiation with unique underlying mechanisms. Scientific Reports, 2015, 5, 15000.	3.3	12
144	Reducing glutamic acid decarboxylase in the dorsal dentate gyrus attenuates juvenile stress induced emotional and cognitive deficits. Neurobiology of Stress, 2021, 15, 100350.	4.0	12

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145	Differential Effects of Serotonin and Raphe Grafts in the Hippocampus and Hypothalamus: A Combined Behavioural and Anatomical Study in the Rat. European Journal of Neuroscience, 1994, 6, 1720-1728.	2.6	11
146	Î²-endorphin degradation and the individual reactivity to traumatic stress. European Neuropsychopharmacology, 2013, 23, 1779-1788.	0.7	11
147	Serotonin releasers modulate reactivity of the rat hippocampus to afferent stimulation. Neuroscience Letters, 1988, 94, 173-176.	2.1	10
148	Underwater trauma causes a long-term specific increase in the expression of cyclooxygenase-2 in the ventral CA1 of the hippocampus. Psychoneuroendocrinology, 2014, 49, 62-68.	2.7	10
149	Down-regulation of dorsal striatal Î±CaMKII causes striatum-related cognitive and synaptic disorders. Experimental Neurology, 2017, 298, 112-121.	4.1	10
150	Perturbation of GABAergic Synapses at the Axon Initial Segment of Basolateral Amygdala Induces Trans-regional Metaplasticity at the Medial Prefrontal Cortex. Cerebral Cortex, 2018, 28, 395-410.	2.9	10
151	Juvenile stress leads to long-term immunological metaplasticity-like effects on inflammatory responses in adulthood. Neurobiology of Learning and Memory, 2018, 154, 12-21.	1.9	10
152	Periaqueductal Grey differential modulation of Nucleus Accumbens and Basolateral Amygdala plasticity under controllable and uncontrollable stress. Scientific Reports, 2017, 7, 487.	3.3	9
153	Î±CaMKII in the lateral amygdala mediates PTSD-Like behaviors and NMDAR-Dependent LTD. Neurobiology of Stress, 2021, 15, 100359.	4.0	9
154	Restoration of serotonergic innervation underlies the behavioral effects of raphe grafts. Brain Research, 1991, 566, 21-25.	2.2	8
155	Raphe Grafts in the Hippocampus, But Not in the Entorhinal Cortex, Reverse Hippocampal Hyperexcitability of Serotonin-Depleted Rats and Restore Their Responsiveness to Fenfluramine. Developmental Neuroscience, 1992, 14, 166-172.	2.0	8
156	Spontaneous recovery of deficits in spatial memory and cholinergic potentiation of NMDA in CA1 neurons during chronic lithium treatment. Hippocampus, 1992, 2, 279-286.	1.9	8
157	Dorsal periaqueductal gray simultaneously modulates ventral subiculum induced-plasticity in the basolateral amygdala and the nucleus accumbens. Frontiers in Behavioral Neuroscience, 2015, 9, 53.	2.0	8
158	Neurofascin Knock Down in the Basolateral Amygdala Mediates Resilience of Memory and Plasticity in the Dorsal Dentate Gyrus Under Stress. Molecular Neurobiology, 2018, 55, 7317-7326.	4.0	8
159	Cognitive flexibility in PTSD individuals following nature adventure intervention: is it really that good?. Stress, 2020, 23, 97-104.	1.8	8
160	Behavioral profiling reveals an enhancement of dentate gyrus paired pulse inhibition in a rat model of PTSD. Molecular and Cellular Neurosciences, 2021, 111, 103601.	2.2	8
161	Pten is a key intrinsic factor regulating raphe 5-HT neuronal plasticity and depressive behaviors in mice. Translational Psychiatry, 2021, 11, 186.	4.8	8
162	Neuromodulators of LTP and NCAMs in the amygdala and hippocampus in response to stress. , 2006, 98, 137-148.		7

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163	Intraâ€amygdala metaplasticity modulation of fear extinction learning. European Journal of Neuroscience, 2022, 55, 2455-2463.	2.6	6
164	GABAergic Transmission in the Basolateral Amygdala Differentially Modulates Plasticity in the Dentate Gyrus and the CA1 Areas. International Journal of Molecular Sciences, 2020, 21, 3786.	4.1	6
165	Hypothalamic Corticotropin-Releasing Factor is Centrally Involved in Learning Under Moderate Stress. Neuropsychopharmacology, 2013, 38, 1825-1832.	5.4	5
166	Long-term changes in the CA3 associative network of fear-conditioned mice. Stress, 2015, 18, 188-197.	1.8	5
167	Return of fear following extinction in youth: An eventâ€related potential study. Developmental Psychobiology, 2021, 63, e22189.	1.6	5
168	Chapter 12 Physiology of graft-host interactions in the rat hippocampus. Progress in Brain Research, 1988, 78, 95-101.	1.4	4
169	Is LTP in the Hippocampus a Useful Model for Learning-Related Alterations in Gene Expression?. Reviews in the Neurosciences, 2001, 12, 289-96.	2.9	4
170	Effects of Novel versus Repeated Mild Stressful Experiences on Longâ€Term Potentiation Induced Simultaneously in the Amygdala and Hippocampus in Freely Behaving Rats. Annals of the New York Academy of Sciences, 2003, 985, 556-557.	3.8	4
171	Good stress, bad stress and very bad stress. Stress, 2015, 18, 267-268.	1.8	4
172	PTSD modeling in rodents shows alternating patterns of limbic activity in various types of reactions to stress. Molecular Psychiatry, 2016, 21, 587-587.	7.9	4
173	Juvenile adversity and adult threat controllability in translational models of stress-related disorders. Current Opinion in Behavioral Sciences, 2017, 14, 148-154.	3.9	4
174	Network Neuromodulation of Opioid and GABAergic Receptors Following a Combination of â€œJuvenileâ€• and â€œAdult Stressâ€•in Rats. International Journal of Molecular Sciences, 2020, 21, 5422.	4.1	4
175	Juvenile stress as an animal model of childhood trauma. , 2010, , 95-102.		3
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