

Marian Joels

List of Publications by Year in descending order

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348
papers

36,033
citations

3731

89
h-index

3732

179
g-index

374
all docs

374
docs citations

374
times ranked

23586
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress and the brain: from adaptation to disease. <i>Nature Reviews Neuroscience</i> , 2005, 6, 463-475.	10.2	3,857
2	Brain Corticosteroid Receptor Balance in Health and Disease*. <i>Endocrine Reviews</i> , 1998, 19, 269-301.	20.1	1,922
3	The neuro-symphony of stress. <i>Nature Reviews Neuroscience</i> , 2009, 10, 459-466.	10.2	1,243
4	Stress and cognition: are corticosteroids good or bad guys?. <i>Trends in Neurosciences</i> , 1999, 22, 422-426.	8.6	1,186
5	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 141-168.	46.4	960
6	Learning under stress: how does it work?. <i>Trends in Cognitive Sciences</i> , 2006, 10, 152-158.	7.8	766
7	Mineralocorticoid receptors are indispensable for nongenomic modulation of hippocampal glutamate transmission by corticosterone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 19204-19207.	7.1	706
8	Dynamic adaptation of large-scale brain networks in response to acute stressors. <i>Trends in Neurosciences</i> , 2014, 37, 304-314.	8.6	693
9	Maternal Care and Hippocampal Plasticity: Evidence for Experience-Dependent Structural Plasticity, Altered Synaptic Functioning, and Differential Responsiveness to Glucocorticoids and Stress. <i>Journal of Neuroscience</i> , 2008, 28, 6037-6045.	3.6	626
10	Stress effects on memory: An update and integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1740-1749.	6.1	579
11	Cortisol stress reactivity across psychiatric disorders: A systematic review and meta-analysis. <i>Psychoneuroendocrinology</i> , 2017, 77, 25-36.	2.7	476
12	The coming out of the brain mineralocorticoid receptor. <i>Trends in Neurosciences</i> , 2008, 31, 1-7.	8.6	428
13	Effects of glucocorticoids and norepinephrine on the excitability in the hippocampus. <i>Science</i> , 1989, 245, 1502-1505.	12.6	379
14	Control of neuronal excitability by corticosteroid hormones. <i>Trends in Neurosciences</i> , 1992, 15, 25-30.	8.6	377
15	Mineralocorticoid and glucocorticoid receptors in the brain. Implications for ion permeability and transmitter systems. <i>Progress in Neurobiology</i> , 1994, 43, 1-36.	5.7	369
16	Unraveling the Time Domains of Corticosteroid Hormone Influences on Brain Activity: Rapid, Slow, and Chronic Modes. <i>Pharmacological Reviews</i> , 2012, 64, 901-938.	16.0	351
17	Rapid non-genomic effects of corticosteroids and their role in the central stress response. <i>Journal of Endocrinology</i> , 2011, 209, 153-167.	2.6	343
18	Stress and emotional memory: a matter of timing. <i>Trends in Cognitive Sciences</i> , 2011, 15, 280-288.	7.8	341

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19	Corticosteroid effects in the brain: U-shape it. Trends in Pharmacological Sciences, 2006, 27, 244-250.	8.7	335
20	Corticosteroid hormones in the central stress response: Quick-and-slow. Frontiers in Neuroendocrinology, 2008, 29, 268-272.	5.2	327
21	Severe Early Life Stress Hampers Spatial Learning and Neurogenesis, but Improves Hippocampal Synaptic Plasticity and Emotional Learning under High-Stress Conditions in Adulthood. Journal of Neuroscience, 2010, 30, 6635-6645.	3.6	324
22	Chronic stress: Implications for neuronal morphology, function and neurogenesis. Frontiers in Neuroendocrinology, 2007, 28, 72-96.	5.2	313
23	Increased proliferation reflects glial and vascular-associated changes, but not neurogenesis in the presenile Alzheimer hippocampus. Neurobiology of Disease, 2006, 24, 1-14.	4.4	307
24	Metaplasticity of amygdalar responses to the stress hormone corticosterone. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14449-14454.	7.1	292
25	Prominent decline of newborn cell proliferation, differentiation, and apoptosis in the aging dentate gyrus, in absence of an age-related hypothalamusâ€“pituitaryâ€“adrenal axis activation. Neurobiology of Aging, 2004, 25, 361-375.	3.1	288
26	Suppressed proliferation and apoptotic changes in the rat dentate gyrus after acute and chronic stress are reversible. European Journal of Neuroscience, 2004, 19, 131-144.	2.6	286
27	Effects of Chronic Stress on Structure and Cell Function in Rat Hippocampus and Hypothalamus. Stress, 2004, 7, 221-231.	1.8	281
28	Brain GABA levels across psychiatric disorders: A systematic literature review and metaâ€“analysis of ¹ Hâ€“MRS studies. Human Brain Mapping, 2016, 37, 3337-3352.	3.6	264
29	Chronic early life stress induced by limited bedding and nesting (LBN) material in rodents: critical considerations of methodology, outcomes and translational potential. Stress, 2017, 20, 421-448.	1.8	263
30	Point mutation in the mouse glucocorticoid receptor preventing DNA binding impairs spatial memory. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12790-12795.	7.1	262
31	Stressed Memories: How Acute Stress Affects Memory Formation in Humans. Journal of Neuroscience, 2009, 29, 10111-10119.	3.6	258
32	Steroid Hormones and Excitability in the Mammalian Brain. Frontiers in Neuroendocrinology, 1997, 18, 2-48.	5.2	257
33	Mineralocorticoid and glucocorticoid receptors at the neuronal membrane, regulators of nongenomic corticosteroid signalling. Molecular and Cellular Endocrinology, 2012, 350, 299-309.	3.2	233
34	Chronic unpredictable stress impairs long-term potentiation in rat hippocampal CA1 area and dentate gyrus in vitro. European Journal of Neuroscience, 2003, 17, 1928-1934.	2.6	230
35	Time-Dependent Effects of Corticosteroids on Human Amygdala Processing. Journal of Neuroscience, 2010, 30, 12725-12732.	3.6	211
36	Somatostatin Augments the M-Current in Hippocampal Neurons. Science, 1988, 239, 278-280.	12.6	205

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37	Stress, the hippocampus, and epilepsy. <i>Epilepsia</i> , 2009, 50, 586-597.	5.1	202
38	Stress, Depression and Hippocampal Apoptosis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2006, 5, 531-546.	1.4	201
39	Brief treatment with the glucocorticoid receptor antagonist mifepristone normalizes the reduction in neurogenesis after chronic stress. <i>European Journal of Neuroscience</i> , 2007, 26, 3395-3401.	2.6	199
40	Maternal care determines rapid effects of stress mediators on synaptic plasticity in adult rat hippocampal dentate gyrus. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 292-300.	1.9	196
41	Functional implications of brain corticosteroid receptor diversity. <i>Cellular and Molecular Neurobiology</i> , 1993, 13, 433-455.	3.3	193
42	Chronic stress in the adult dentate gyrus reduces cell proliferation near the vasculature and VEGF and Flk-1 protein expression. <i>European Journal of Neuroscience</i> , 2005, 21, 1304-1314.	2.6	193
43	Genome-wide DNA methylation levels and altered cortisol stress reactivity following childhood trauma in humans. <i>Nature Communications</i> , 2016, 7, 10967.	12.8	175
44	Importance of the brain corticosteroid receptor balance in metaplasticity, cognitive performance and neuro-inflammation. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 124-145.	5.2	175
45	Corticosteroid Actions in the Hippocampus. <i>Journal of Neuroendocrinology</i> , 2001, 13, 657-669.	2.6	174
46	Functional actions of corticosteroids in the hippocampus. <i>European Journal of Pharmacology</i> , 2008, 583, 312-321.	3.5	172
47	Time-dependent corticosteroid modulation of prefrontal working memory processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5801-5806.	7.1	169
48	Adverse Consequences of Glucocorticoid Medication: Psychological, Cognitive, and Behavioral Effects. <i>American Journal of Psychiatry</i> , 2014, 171, 1045-1051.	7.2	168
49	Opposite Effects of Early Maternal Deprivation on Neurogenesis in Male versus Female Rats. <i>PLoS ONE</i> , 2009, 4, e3675.	2.5	165
50	Rapid changes in hippocampal CA1 pyramidal cell function via pre- as well as postsynaptic membrane mineralocorticoid receptors. <i>European Journal of Neuroscience</i> , 2008, 27, 2542-2550.	2.6	163
51	Brief Treatment With the Glucocorticoid Receptor Antagonist Mifepristone Normalises the Corticosterone-Induced Reduction of Adult Hippocampal Neurogenesis. <i>Journal of Neuroendocrinology</i> , 2006, 18, 629-631.	2.6	162
52	Mineralocorticoid receptor-mediated changes in membrane properties of rat CA1 pyramidal neurons in vitro.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 4495-4498.	7.1	161
53	Cognitive Adaptation under Stress: A Case for the Mineralocorticoid Receptor. <i>Trends in Cognitive Sciences</i> , 2016, 20, 192-203.	7.8	161
54	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. <i>Trends in Neurosciences</i> , 2013, 36, 621-631.	8.6	157

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55	Corticosteroid actions in hippocampus require DNA binding of glucocorticoid receptor homodimers. <i>Nature Neuroscience</i> , 2000, 3, 977-978.	14.8	155
56	Corticosterone Slowly Enhances Miniature Excitatory Postsynaptic Current Amplitude in Mice CA1 Hippocampal Cells. <i>Journal of Neurophysiology</i> , 2005, 94, 3479-3486.	1.8	154
57	Mineralocorticoid hormones suppress serotonin-induced hyperpolarization of rat hippocampal CA1 neurons. <i>Journal of Neuroscience</i> , 1991, 11, 2288-2294.	3.6	152
58	Chronic stress attenuates GABAergic inhibition and alters gene expression of parvocellular neurons in rat hypothalamus. <i>European Journal of Neuroscience</i> , 2004, 20, 1665-1673.	2.6	151
59	Improved Long-Term Potentiation and Memory in Young Tau-P301L Transgenic Mice before Onset of Hyperphosphorylation and Tauopathy. <i>Journal of Neuroscience</i> , 2006, 26, 3514-3523.	3.6	149
60	Timing is essential for rapid effects of corticosterone on synaptic potentiation in the mouse hippocampus. <i>Learning and Memory</i> , 2006, 13, 110-113.	1.3	145
61	Acute Activation of Hippocampal Glucocorticoid Receptors Results in Different Waves of Gene Expression Throughout Time. <i>Journal of Neuroendocrinology</i> , 2006, 18, 239-252.	2.6	143
62	Interacting noradrenergic and corticosteroid systems shift human brain activation patterns during encoding. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 56-65.	1.9	141
63	Long-term exposure to high corticosterone levels attenuates serotonin responses in rat hippocampal CA1 neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 13456-13461.	7.1	134
64	Stress and Depression: a Crucial Role of the Mineralocorticoid Receptor. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	2.6	134
65	Corticosteroids and the brain. <i>Journal of Endocrinology</i> , 2018, 238, R121-R130.	2.6	131
66	Knockdown of the glucocorticoid receptor alters functional integration of newborn neurons in the adult hippocampus and impairs fear-motivated behavior. <i>Molecular Psychiatry</i> , 2013, 18, 993-1005.	7.9	129
67	STRESS EXPOSURE ACROSS THE LIFE SPAN CUMULATIVELY INCREASES DEPRESSION RISK AND IS MODERATED BY NEUROTICISM. <i>Depression and Anxiety</i> , 2014, 31, 737-745.	4.1	126
68	Corticosterone and stress reduce synaptic potentiation in mouse hippocampal slices with mild stimulation. <i>Neuroscience</i> , 2002, 115, 1119-1126.	2.3	125
69	Corticosteroid Regulation of Ion Channel Conductances and mRNA Levels in Individual Hippocampal CA1 Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 2685-2696.	3.6	118
70	Glucocorticoid receptor protein expression in human hippocampus; stability with age. <i>Neurobiology of Aging</i> , 2013, 34, 1662-1673.	3.1	116
71	Early maternal deprivation affects dentate gyrus structure and emotional learning in adult female rats. <i>Psychopharmacology</i> , 2011, 214, 249-260.	3.1	115
72	The stressed brain of humans and rodents. <i>Acta Physiologica</i> , 2018, 223, e13066.	3.8	115

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73	Implications of psychosocial stress on memory formation in a typical male versus female student sample. <i>Psychoneuroendocrinology</i> , 2011, 36, 569-578.	2.7	113
74	Corticosterone Alters AMPAR Mobility and Facilitates Bidirectional Synaptic Plasticity. <i>PLoS ONE</i> , 2009, 4, e4714.	2.5	113
75	Corticosteroid receptor-dependent modulation of calcium currents in rat hippocampal CA1 neurons. <i>Brain Research</i> , 1994, 649, 234-242.	2.2	112
76	Coordinative Mineralocorticoid and Glucocorticoid Receptor-Mediated Control of Responses to Serotonin in Rat Hippocampus. <i>Neuroendocrinology</i> , 1992, 55, 344-350.	2.5	109
77	Effect of Chronic Stress on Synaptic Currents in Rat Hippocampal Dentate Gyrus Neurons. <i>Journal of Neurophysiology</i> , 2003, 89, 625-633.	1.8	108
78	30 YEARS OF THE MINERALOCORTICOID RECEPTOR: The brain mineralocorticoid receptor: a saga in three episodes. <i>Journal of Endocrinology</i> , 2017, 234, T49-T66.	2.6	108
79	Spatial Learning Deficits in Mice with a Targeted Glucocorticoid Receptor Gene Disruption. <i>European Journal of Neuroscience</i> , 1997, 9, 2284-2296.	2.6	106
80	Glucocorticoids alter calcium conductances and calcium channel subunit expression in basolateral amygdala neurons. <i>European Journal of Neuroscience</i> , 2002, 16, 1083-1089.	2.6	106
81	LTP after Stress: Up or Down?. <i>Neural Plasticity</i> , 2007, 2007, 1-6.	2.2	105
82	Differential targeting of brain stress circuits with a selective glucocorticoid receptor modulator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7910-7915.	7.1	105
83	Stress-induced alterations in large-scale functional networks of the rodent brain. <i>NeuroImage</i> , 2015, 105, 312-322.	4.2	102
84	Time-dependent changes in altruistic punishment following stress. <i>Psychoneuroendocrinology</i> , 2013, 38, 1467-1475.	2.7	100
85	The effect of microiontophoretically applied vasopressin and oxytocin on single neurones in the septum and dorsal hippocampus of the rat. <i>Neuroscience Letters</i> , 1982, 33, 79-84.	2.1	99
86	Glucocorticoids Specifically Enhance L-Type Calcium Current Amplitude and Affect Calcium Channel Subunit Expression in the Mouse Hippocampus. <i>Journal of Neurophysiology</i> , 2007, 97, 5-14.	1.8	98
87	Age- and Sex-Dependent Effects of Early Life Stress on Hippocampal Neurogenesis. <i>Frontiers in Endocrinology</i> , 2014, 5, 13.	3.5	98
88	The Corticosterone Synthesis Inhibitor Metyrapone Prevents Hypoxia/Ischemia-Induced Loss of Synaptic Function in the Rat Hippocampus. <i>Stroke</i> , 2000, 31, 1162-1172.	2.0	95
89	Stress-induced changes in hippocampal function. <i>Progress in Brain Research</i> , 2007, 167, 3-15.	1.4	94
90	GABAergic transmission in the rat paraventricular nucleus of the hypothalamus is suppressed by corticosterone and stress. <i>European Journal of Neuroscience</i> , 2005, 21, 113-121.	2.6	92

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91	Stress selectively and lastingly promotes learning of context-related high arousing information. <i>Psychoneuroendocrinology</i> , 2009, 34, 1152-1161.	2.7	91
92	Adult hippocampal glucocorticoid receptor expression and dentate synaptic plasticity correlate with maternal care received by individuals early in life. <i>Hippocampus</i> , 2012, 22, 255-266.	1.9	91
93	Blocking the Mineralocorticoid Receptor in Humans Prevents the Stress-Induced Enhancement of Centromedial Amygdala Connectivity with the Dorsal Striatum. <i>Neuropsychopharmacology</i> , 2015, 40, 947-956.	5.4	91
94	Early life adversity: Lasting consequences for emotional learning. <i>Neurobiology of Stress</i> , 2017, 6, 14-21.	4.0	91
95	Time-Dependent Effects of Cortisol on the Contextualization of Emotional Memories. <i>Biological Psychiatry</i> , 2013, 74, 809-816.	1.3	90
96	A Randomized Trial on Mineralocorticoid Receptor Blockade in Men: Effects on Stress Responses, Selective Attention, and Memory. <i>Neuropsychopharmacology</i> , 2011, 36, 2720-2728.	5.4	88
97	Episodic corticosterone treatment accelerates kindling epileptogenesis and triggers long-term changes in hippocampal CA1 cells, in the fully kindled state. <i>European Journal of Neuroscience</i> , 1999, 11, 889-898.	2.6	87
98	Corticosterone shifts different forms of synaptic potentiation in opposite directions. <i>Hippocampus</i> , 2005, 15, 697-703.	1.9	87
99	Time-dependent effects of cortisol on selective attention and emotional interference: a functional MRI study. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 66.	2.1	87
100	A friend in need: Time-dependent effects of stress on social discounting in men. <i>Hormones and Behavior</i> , 2015, 73, 75-82.	2.1	87
101	Blockade of glucocorticoid receptors rapidly restores hippocampal CA1 synaptic plasticity after exposure to chronic stress. <i>European Journal of Neuroscience</i> , 2006, 23, 3051-3055.	2.6	86
102	Effects of early-life stress on cognitive function and hippocampal structure in female rodents. <i>Neuroscience</i> , 2017, 342, 101-119.	2.3	85
103	Distribution of the glucocorticoid receptor in the human amygdala; changes in mood disorder patients. <i>Brain Structure and Function</i> , 2014, 219, 1615-1626.	2.3	82
104	The transcriptional response to chronic stress and glucocorticoid receptor blockade in the hippocampal dentate gyrus. <i>Hippocampus</i> , 2012, 22, 359-371.	1.9	81
105	Effects of estradiol and progesterone on voltage-gated calcium and potassium conductances in rat CA1 hippocampal neurons. <i>Journal of Neuroscience</i> , 1995, 15, 4289-4297.	3.6	80
106	Fundamental aspects of the impact of glucocorticoids on the (immature) brain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2009, 14, 136-142.	2.3	80
107	Corticosterone reduces dendritic complexity in developing hippocampal CA1 neurons. <i>Hippocampus</i> , 2009, 19, 828-836.	1.9	77
108	Glucocorticoid receptor activation selectively hampers N-methyl-d-aspartate receptor dependent hippocampal synaptic plasticity in vitro. <i>Neuroscience</i> , 2005, 135, 403-411.	2.3	76

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109	Both mineralocorticoid and glucocorticoid receptors regulate emotional memory in mice. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 530-537.	1.9	75
110	Corticosteroid actions on amino acid-mediated transmission in rat CA1 hippocampal cells. <i>Journal of Neuroscience</i> , 1993, 13, 4082-4090.	3.6	74
111	Acute stress increases calcium current amplitude in rat hippocampus: temporal changes in physiology and gene expression. <i>European Journal of Neuroscience</i> , 2003, 18, 1315-1324.	2.6	74
112	The induction of corticosteroid actions on membrane properties of hippocampal CA1 neurons requires protein synthesis. <i>Neuroscience Letters</i> , 1991, 130, 27-31.	2.1	73
113	Chronic stress effects on hippocampal structure and synaptic function: relevance for depression and normalization by anti-glucocorticoid treatment. <i>Frontiers in Synaptic Neuroscience</i> , 2010, 2, 24.	2.5	73
114	Early life stress in epilepsy: A seizure precipitant and risk factor for epileptogenesis. <i>Epilepsy and Behavior</i> , 2014, 38, 160-171.	1.7	73
115	Modulation of 5HT1A Responsiveness in CA1 Pyramidal Neurons by in vivo Activation of Corticosteroid Receptors. <i>Journal of Neuroendocrinology</i> , 1996, 8, 433-438.	2.6	72
116	The behavioral phenotype of early life adversity: A 3-level meta-analysis of rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 299-307.	6.1	71
117	Corticosteroid effects on cellular physiology of limbic cells. <i>Brain Research</i> , 2009, 1293, 91-100.	2.2	70
118	Blocking glucocorticoid receptors at adolescent age prevents enhanced freezing between repeated cue-exposures after conditioned fear in adult mice raised under chronic early life stress. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 30-38.	1.9	70
119	Within-litter variation in maternal care received by individual pups correlates with adolescent social play behavior in male rats. <i>Physiology and Behavior</i> , 2012, 106, 701-706.	2.1	69
120	Mineralocorticoid receptor haplotypes sex-dependently moderate depression susceptibility following childhood maltreatment. <i>Psychoneuroendocrinology</i> , 2015, 54, 90-102.	2.7	69
121	Corticosterone time-dependently modulates \hat{A} -adrenergic effects on long-term potentiation in the hippocampal dentate gyrus. <i>Learning and Memory</i> , 2007, 14, 359-367.	1.3	67
122	Low-threshold calcium current in dendrites of the adult rat hippocampus. <i>Neuroscience Letters</i> , 1993, 164, 154-158.	2.1	66
123	Dynamically changing effects of corticosteroids on human hippocampal and prefrontal processing. <i>Human Brain Mapping</i> , 2012, 33, 2885-2897.	3.6	66
124	Ultradian corticosterone pulses balance glutamatergic transmission and synaptic plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14265-14270.	7.1	66
125	Proliferation in the Alzheimer Hippocampus Is due to Microglia, Not Astroglia, and Occurs at Sites of Amyloid Deposition. <i>Neural Plasticity</i> , 2014, 2014, 1-12.	2.2	66
126	Dendritic Morphology of Hippocampal and Amygdalar Neurons in Adolescent Mice Is Resilient to Genetic Differences in Stress Reactivity. <i>PLoS ONE</i> , 2012, 7, e38971.	2.5	65

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127	A Single-Day Treatment with Mifepristone Is Sufficient to Normalize Chronic Glucocorticoid Induced Suppression of Hippocampal Cell Proliferation. PLoS ONE, 2012, 7, e46224.	2.5	65
128	Electrophysiological and pharmacological evidence in favor of amino acid neurotransmission in fimbria-fornix fibers innervating the lateral septal complex of rats. Experimental Brain Research, 1984, 54, 455-62.	1.5	64
129	Altered synaptic plasticity in hippocampal CA1 area of apolipoprotein E deficient mice. NeuroReport, 1997, 8, 2505-2510.	1.2	64
130	Corticosteroid Induced Decoupling of the Amygdala in Men. Cerebral Cortex, 2012, 22, 2336-2345.	2.9	64
131	Role of corticosteroid hormones in the dentate gyrus. Progress in Brain Research, 2007, 163, 355-370.	1.4	63
132	Tau ϵ 4R suppresses proliferation and promotes neuronal differentiation in the hippocampus of tau knockin/ knockout mice. FASEB Journal, 2007, 21, 2149-2161.	0.5	62
133	The effect of childhood maltreatment and cannabis use on adult psychotic symptoms is modified by the COMT Val158Met polymorphism. Schizophrenia Research, 2013, 150, 303-311.	2.0	62
134	Arginine δ -vasopressin enhances the responses of lateral septal neurons in the rat to excitatory amino acids and fimbria-fornix stimuli. Brain Research, 1984, 311, 201-209.	2.2	61
135	Impact of glucocorticoids on brain function: Relevance for mood disorders. Psychoneuroendocrinology, 2011, 36, 406-414.	2.7	61
136	The interplay between rapid and slow corticosteroid actions in brain. European Journal of Pharmacology, 2013, 719, 44-52.	3.5	61
137	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. Neuropsychopharmacology, 2017, 42, 1262-1271.	5.4	60
138	Diffusion MRI-based cortical connectome reconstruction: dependency on tractography procedures and neuroanatomical characteristics. Brain Structure and Function, 2018, 223, 2269-2285.	2.3	60
139	Effects of Early Life Stress on Synaptic Plasticity in the Developing Hippocampus of Male and Female Rats. PLoS ONE, 2016, 11, e0164551.	2.5	60
140	Forebrain glutamatergic, but not GABAergic, neurons mediate anxiogenic effects of the glucocorticoid receptor. Molecular Psychiatry, 2017, 22, 466-475.	7.9	58
141	Chronic unpredictable stress causes attenuation of serotonin responses in cornu ammonis 1 pyramidal neurons. Neuroscience, 2003, 120, 649-658.	2.3	56
142	Mechanisms of memory under stress. Neuron, 2022, 110, 1450-1467.	8.1	56
143	Interactions between noradrenaline and corticosteroids in the brain: from electrical activity to cognitive performance. Frontiers in Cellular Neuroscience, 2012, 6, 15.	3.7	54
144	Effect of corticosteroid hormones on electrical activity in rat hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 1991, 40, 83-86.	2.5	52

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145	Estrogen priming affects active membrane properties of medial amygdala neurons. <i>Brain Research</i> , 1988, 440, 380-385.	2.2	51
146	Effect of serotonin and serotonin analogues on passive membrane properties of lateral septal neurons in vitro. <i>Brain Research</i> , 1987, 417, 99-107.	2.2	50
147	Differential Effects of Corticosterone on the Slow Afterhyperpolarization in the Basolateral Amygdala and CA1 Region: Possible Role of Calcium Channel Subunits. <i>Journal of Neurophysiology</i> , 2008, 99, 958-968.	1.8	50
148	Distinct structural plasticity in the hippocampus and amygdala of the middle-aged common marmoset (<i>Callithrix jacchus</i>). <i>Experimental Neurology</i> , 2011, 230, 291-301.	4.1	50
149	Hippocampal Cell Responses in Mice with a Targeted Glucocorticoid Receptor Gene Disruption. <i>Journal of Neuroscience</i> , 1996, 16, 6766-6774.	3.6	49
150	Glucocorticoid Feedback Resistance. <i>Trends in Endocrinology and Metabolism</i> , 1997, 8, 26-33.	7.1	49
151	Chronic unpredictable stress alters gene expression in rat single dentate granule cells. <i>Journal of Neurochemistry</i> , 2004, 89, 364-374.	3.9	49
152	Rapid Effects of Corticosterone in the Mouse Dentate Gyrus Via a Nongenomic Pathway. <i>Journal of Neuroendocrinology</i> , 2011, 23, 143-147.	2.6	49
153	Cortisol fluctuations relate to interictal epileptiform discharges in stress sensitive epilepsy. <i>Brain</i> , 2016, 139, 1673-1679.	7.6	49
154	Corticosteroids in the brain. <i>Molecular Neurobiology</i> , 1998, 17, 87-108.	4.0	48
155	Increased P27KIP1 protein expression in the dentate gyrus of chronically stressed rats indicates G1 arrest involvement. <i>Neuroscience</i> , 2004, 129, 593-601.	2.3	48
156	Brain mineralocorticoid receptor function in control of salt balance and stress-adaptation. <i>Physiology and Behavior</i> , 2017, 178, 13-20.	2.1	47
157	The dynamic pattern of glucocorticoid receptor-mediated transcriptional responses in neuronal PC12 cells. <i>Journal of Neurochemistry</i> , 2006, 99, 1282-1298.	3.9	46
158	Regulation of hippocampal 5-HT1A receptor mRNA and binding in transgenic mice with a targeted disruption of the glucocorticoid receptor. <i>Molecular Brain Research</i> , 1997, 46, 290-296.	2.3	45
159	Effect of early life stress on serotonin responses in the hippocampus of young adult rats. <i>Synapse</i> , 2004, 53, 11-19.	1.2	44
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