Marian Joels

List of Publications by Year
in descending order

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348 papers	36,033 citations	3726 89 h-index	3725 179 g-index
374 all docs	374 docs citations	374 times ranked	23586 citing authors

#	Article	IF	Citations
1	Individual differences in the encoding of contextual details following acute stress: An explorative study. European Journal of Neuroscience, 2022, 55, 2714-2738.	1.2	9
2	Effects of early life adversity on immediate early gene expression: Systematic review and 3-level meta-analysis of rodent studies. PLoS ONE, 2022, 17, e0253406.	1.1	3
3	The mouse brain after foot shock in four dimensions: Temporal dynamics at a single-cell resolution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	17
4	The STRESS-NL database: A resource for human acute stress studies across the Netherlands. Psychoneuroendocrinology, 2022, 141, 105735.	1.3	3
5	Mechanisms of memory under stress. Neuron, 2022, 110, 1450-1467.	3.8	56
6	Sleeping off stress. Science, 2022, 377, 27-28.	6.0	2
7	Application of a pharmacological transcriptome filter identifies a shortlist of mouse glucocorticoid receptor target genes associated with memory consolidation. Neuropharmacology, 2022, 216, 109186.	2.0	4
8	Disrupted upregulation of salience network connectivity during acute stress in siblings of schizophrenia patients. Psychological Medicine, 2021, 51, 1038-1048.	2.7	13
9	Increasing the statistical power of animal experiments with historical control data. Nature Neuroscience, 2021, 24, 470-477.	7.1	36
10	Cntn4, a risk gene for neuropsychiatric disorders, modulates hippocampal synaptic plasticity and behavior. Translational Psychiatry, 2021, 11, 106.	2.4	21
11	RehabMove2018: active lifestyle for people with physical disabilities; mobility, exercise & sports. Disability and Rehabilitation, 2021, 43, 1-2.	0.9	0
12	Mineralocorticoid receptors dampen glucocorticoid receptor sensitivity to stress via regulation of FKBP5. Cell Reports, 2021, 35, 109185.	2.9	42
13	The rodent object-in-context task: A systematic review and meta-analysis of important variables. PLoS ONE, 2021, 16, e0249102.	1.1	8
14	Complex Housing, but Not Maternal Deprivation Affects Motivation to Liberate a Trapped Cage-Mate in an Operant Rat Task. Frontiers in Behavioral Neuroscience, 2021, 15, 698501.	1.0	8
15	Stress-related psychopathology after cardiac surgery and intensive care treatment. Journal of Affective Disorders Reports, 2021, 6, 100199.	0.9	0
16	Non-genomic steroid signaling through the mineralocorticoid receptor: Involvement of a membrane-associated receptor?. Molecular and Cellular Endocrinology, 2021, 541, 111501.	1.6	13
17	The brain mineralocorticoid receptor. , 2020, , 45-62.		0
18	Age-dependent shift in spontaneous excitation-inhibition balance of infralimbic prefrontal layer II/III neurons is accelerated by early life stress, independent of forebrain mineralocorticoid receptor expression. Neuropharmacology, 2020, 180, 108294.	2.0	12

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19	Pro-social preference in an automated operant two-choice reward task under different housing conditions: Exploratory studies on pro-social decision making. Developmental Cognitive Neuroscience, 2020, 45, 100827.	1.9	16
20	The Role of Stress in Bipolar Disorder. Current Topics in Behavioral Neurosciences, 2020, 48, 21-39.	0.8	7
21	The relevance of a rodent cohort in the Consortium on Individual Development. Developmental Cognitive Neuroscience, 2020, 45, 100846.	1.9	5
22	Maternal care of heterozygous dopamine receptor <scp>D4</scp> knockout mice: Differential susceptibility to earlyâ€life rearing conditions. Genes, Brain and Behavior, 2020, 19, e12655.	1.1	8
23	Reward-Related Striatal Responses Following Stress in Healthy Individuals and Patients With Bipolar Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 966-974.	1.1	4
24	Time-dependent effects of psychosocial stress on the contextualization of neutral memories. Psychoneuroendocrinology, 2019, 108, 140-149.	1.3	17
25	Sex-Dependent Modulation of Acute Stress Reactivity After Early Life Stress in Mice: Relevance of Mineralocorticoid Receptor Expression. Frontiers in Behavioral Neuroscience, 2019, 13, 181.	1.0	22
26	The effects of different rearing conditions on sexual maturation and maternal care in heterozygous mineralocorticoid receptor knockout mice. Hormones and Behavior, 2019, 112, 54-64.	1.0	14
27	The behavioral phenotype of early life adversity: A 3-level meta-analysis of rodent studies. Neuroscience and Biobehavioral Reviews, 2019, 102, 299-307.	2.9	71
28	Circadian and Ultradian Variations in Corticosterone Level Influence Functioning of the Male Mouse Basolateral Amygdala. Endocrinology, 2019, 160, 791-802.	1.4	13
29	Hyperthermiaâ€induced seizures followed by repetitive stress are associated with ageâ€dependent changes in specific aspects of the mouse stress system. Journal of Neuroendocrinology, 2019, 31, e12697.	1.2	4
30	The effect of genetic vulnerability and military deployment on the development of post-traumatic stress disorder and depressive symptoms. European Neuropsychopharmacology, 2019, 29, 405-415.	0.3	11
31	No Time-Dependent Effects of Psychosocial Stress on Fear Contextualization and Generalization: A Randomized-Controlled Study With Healthy Participants. Chronic Stress, 2019, 3, 247054701989654.	1.7	6
32	Brain Mineralocorticoid Receptors and Resilience to Stress. Vitamins and Hormones, 2019, 109, 341-359.	0.7	7
33	Increased responses of the reward circuitry to positive task feedback following acute stress in healthy controls but not in siblings of schizophrenia patients. NeuroImage, 2019, 184, 547-554.	2.1	19
34	Diffusion MRI-based cortical connectome reconstruction: dependency on tractography procedures and neuroanatomical characteristics. Brain Structure and Function, 2018, 223, 2269-2285.	1.2	60
35	At-risk individuals display altered brain activity following stress. Neuropsychopharmacology, 2018, 43, 1954-1960.	2.8	26
36	The stressed brain of humans and rodents. Acta Physiologica, 2018, 223, e13066.	1.8	115

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37	Importance of the brain corticosteroid receptor balance in metaplasticity, cognitive performance and neuro-inflammation. Frontiers in Neuroendocrinology, 2018, 49, 124-145.	2.5	175
38	Early life stress determines the effects of glucocorticoids and stress on hippocampal function: Electrophysiological and behavioral evidence respectively. Neuropharmacology, 2018, 133, 307-318.	2.0	41
39	Dissociable roles of glucocorticoid and noradrenergic activation on social discounting. Psychoneuroendocrinology, 2018, 90, 22-28.	1.3	34
40	Cognitive functioning in post-traumatic stress disorder: a meta-analysis of evidence from animal models and clinical studies. European Neuropsychopharmacology, 2018, 28, S49-S50.	0.3	1
41	Corticosterone impairs flexible adjustment of spatial navigation in an associative placeâ€“reward learning task. Behavioural Pharmacology, 2018, 29, 351-364.	0.8	6
42	The effect of hydrocortisone administration on intertemporal choice. Psychoneuroendocrinology, 2018, 88, 173-182.	1.3	29
43	The relation between cortisol and functional connectivity in people with and without stressâ€sensitive epilepsy. Epilepsia, 2018, 59, 179-189.	2.6	27
44	Effects of Maternal Deprivation and Complex Housing on Rat Social Behavior in Adolescence and Adulthood. Frontiers in Behavioral Neuroscience, 2018, 12, 193.	1.0	25
45	Effects of early life stress on biochemical indicators of the dopaminergic system: A 3 level meta-analysis of rodent studies. Neuroscience and Biobehavioral Reviews, 2018, 95, 1-16.	2.9	34
46	Stress and Corticosteroids Aggravate Morphological Changes in the Dentate Gyrus after Early-Life Experimental Febrile Seizures in Mice. Frontiers in Endocrinology, 2018, 9, 3.	1.5	18
47	Glucocorticoid receptor exon 1F methylation and the cortisol stress response in health and disease. Psychoneuroendocrinology, 2018, 97, 182-189.	1.3	17
48	227. Longitudinal Changes in Glucocorticoid Receptor Exon 1F Methylation as a Biomarker for Psychopathology After Military Deployment. Biological Psychiatry, 2018, 83, S91.	0.7	1
49	Genetic variation in the glucocorticoid receptor and psychopathology after dexamethasone administration in cardiac surgery patients. Journal of Psychiatric Research, 2018, 103, 167-172.	1.5	5
50	Corticosteroids and the brain. Journal of Endocrinology, 2018, 238, R121-R130.	1.2	131
51	Effects of early-life stress on cognitive function and hippocampal structure in female rodents. Neuroscience, 2017, 342, 101-119.	1.1	85
52	Forebrain glutamatergic, but not GABAergic, neurons mediate anxiogenic effects of the glucocorticoid receptor. Molecular Psychiatry, 2017, 22, 466-475.	4.1	58
53	Brain mineralocorticoid receptor function in control of salt balance and stress-adaptation. Physiology and Behavior, 2017, 178, 13-20.	1.0	47
54	Early life adversity: Lasting consequences for emotional learning. Neurobiology of Stress, 2017, 6, 14-21.	1.9	91

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55	Effects of early life stress on rodent hippocampal synaptic plasticity: a systematic review. Current Opinion in Behavioral Sciences, 2017, 14, 155-166.	2.0	9
56	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.	0.8	263
57	30 YEARS OF THE MINERALOCORTICOID RECEPTOR: The brain mineralocorticoid receptor: a saga in three episodes. Journal of Endocrinology, 2017, 234, T49-T66.	1.2	108
58	Acute stress effects on GABA and glutamate levels in the prefrontal cortex: A 7T 1H magnetic resonance spectroscopy study. NeuroImage: Clinical, 2017, 14, 195-200.	1.4	33
59	Cortisol stress reactivity across psychiatric disorders: A systematic review and meta-analysis. Psychoneuroendocrinology, 2017, 77, 25-36.	1.3	476
60	Longitudinal Changes In Glucocorticoid Receptor 1f Methylation And Psychopathology After Military Deployment. European Neuropsychopharmacology, 2017, 27, S470-S471.	0.3	0
61	Rapid and Slow Effects of Corticosteroid Hormones on Hippocampal Activity. , 2017, , 327-341.		3
62	The added value of rodent models in studying parental influence on offspring development: opportunities, limitations and future perspectives. Current Opinion in Psychology, 2017, 15, 174-181.	2.5	20
63	Longitudinal changes in glucocorticoid receptor exon 1F methylation and psychopathology after military deployment. Translational Psychiatry, 2017, 7, e1181-e1181.	2.4	24
64	Time-Dependent Shifts in Neural Systems Supporting Decision-Making Under Stress. , 2017, , 371-385.		5
65	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. Neuropsychopharmacology, 2017, 42, 1262-1271.	2.8	60
66	Overexpression of Mineralocorticoid Receptors in the Mouse Forebrain Partly Alleviates the Effects of Chronic Early Life Stress on Spatial Memory, Neurogenesis and Synaptic Function in the Dentate Gyrus. Frontiers in Cellular Neuroscience, 2017, 11, 132.	1.8	38
67	Early life stress-induced alterations in rat brain structures measured with high resolution MRI. PLoS ONE, 2017, 12, e0185061.	1.1	29
68	Corticosteroid Actions on Electrical Activity in the Limbic Brain. , 2017, , 131-148.		0
69	Transient Prepubertal Mifepristone Treatment Normalizes Deficits in Contextual Memory and Neuronal Activity of Adult Male Rats Exposed to Maternal Deprivation. ENeuro, 2017, 4, ENEURO.0253-17.2017.	0.9	33
70	Mifepristone Treatment during Early Adolescence Fails to Restore Maternal Deprivation-Induced Deficits in Behavioral Inhibition of Adult Male Rats. Frontiers in Behavioral Neuroscience, 2016, 10, 122.	1.0	11
71	The Effect of Dexamethasone on Symptoms of Posttraumatic Stress Disorder and Depression After Cardiac Surgery and Intensive Care Admission. Critical Care Medicine, 2016, 44, 512-520.	0.4	34
72	Chronic retinoic acid treatment suppresses adult hippocampal neurogenesis, in close correlation with depressive-like behavior. Hippocampus, 2016, 26, 911-923.	0.9	28

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73	Brain GABA levels across psychiatric disorders: A systematic literature review and metaâ€analysis of ¹Hâ€MRS studies. Human Brain Mapping, 2016, 37, 3337-3352.	1.9	264
74	Cortisol fluctuations relate to interictal epileptiform discharges in stress sensitive epilepsy. Brain, 2016, 139, 1673-1679.	3.7	49
75	Trait anxiety mediates the effect of stress exposure on post-traumatic stress disorder and depression risk in cardiac surgery patients. Journal of Affective Disorders, 2016, 206, 216-223.	2.0	27
76	Severe stress hormone conditions cause an extended window of excitability in the mouse basolateral amygdala. Neuropharmacology, 2016, 110, 175-180.	2.0	37
77	Stress and Depression: a Crucial Role of the Mineralocorticoid Receptor. Journal of Neuroendocrinology, 2016, 28, .	1.2	134
78	Development of psychopathology in deployed armed forces in relation to plasma GABA levels. Psychoneuroendocrinology, 2016, 73, 263-270.	1.3	19
79	Genome-wide DNA methylation levels and altered cortisol stress reactivity following childhood trauma in humans. Nature Communications, 2016, 7, 10967.	5.8	175
80	Stress Research: Past, Present, and Future. , 2016, , 2381-2410.		0
81	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. Neurobiology of Learning and Memory, 2016, 133, 30-38.	1.0	70
82	Interactions betweenN-Ethylmaleimide-sensitive factor and GluA2 contribute to effects of glucocorticoid hormones on AMPA receptor function in the rodent hippocampus. Hippocampus, 2016, 26, 848-856.	0.9	11
83	Cognitive Adaptation under Stress: A Case for the Mineralocorticoid Receptor. Trends in Cognitive Sciences, 2016, 20, 192-203.	4.0	161
84	Hippocampal Fast Glutamatergic Transmission Is Transiently Regulated by Corticosterone Pulsatility. PLoS ONE, 2016, 11, e0145858.	1.1	28
85	Effects of Early Life Stress on Synaptic Plasticity in the Developing Hippocampus of Male and Female Rats. PLoS ONE, 2016, 11, e0164551.	1.1	60
86	Neuro opinion: reforming the academic system is a joint responsibility. European Journal of Neuroscience, 2015, 41, 1111-1112.	1.2	2
87	The voice of the next generation. European Journal of Neuroscience, 2015, 42, 2371-2371.	1.2	0
88	Sensory modulation disorders in childhood epilepsy. Journal of Neurodevelopmental Disorders, 2015, 7, 34.	1.5	25
89	Overexpression of mineralocorticoid receptors does not affect memory and anxiety-like behavior in female mice. Frontiers in Behavioral Neuroscience, 2015, 9, 182.	1.0	15
90	Complex Living Conditions Impair Behavioral Inhibition but Improve Attention in Rats. Frontiers in Behavioral Neuroscience, 2015, 9, 357.	1.0	13

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91	Toward a mechanistic understanding of interindividual differences in cognitive changes after stress: reply to van den Bos. Trends in Neurosciences, 2015, 38, 403-404.	4.2	1
92	Seizure occurrence and the circadian rhythm of cortisol: a systematic review. Epilepsy and Behavior, 2015, 47, 132-137.	0.9	43
93	mTOR is essential for corticosteroid effects on hippocampal AMPA receptor function and fear memory. Learning and Memory, 2015, 22, 577-583.	0.5	26
94	Antipsychotic use is associated with a blunted cortisol stress response: A study in euthymic bipolar disorder patients and their unaffected siblings. European Neuropsychopharmacology, 2015, 25, 77-84.	0.3	27
95	Stress-induced alterations in large-scale functional networks of the rodent brain. NeuroImage, 2015, 105, 312-322.	2.1	102
96	Mineralocorticoid receptor haplotypes sex-dependently moderate depression susceptibility following childhood maltreatment. Psychoneuroendocrinology, 2015, 54, 90-102.	1.3	69
97	A Stress-Induced Shift From Trace to Delay Conditioning Depends on the Mineralocorticoid Receptor. Biological Psychiatry, 2015, 78, 830-839.	0.7	38
98	Relation between stress-precipitated seizures and the stress response in childhood epilepsy. Brain, 2015, 138, 2234-2248.	3.7	34
99	The Hitchhikerâ€™s Guide to a Neuroscience Career. Neuron, 2015, 86, 613-616.	3.8	3
100	A friend in need: Time-dependent effects of stress on social discounting in men. Hormones and Behavior, 2015, 73, 75-82.	1.0	87
101	Blocking the Mineralocorticoid Receptor in Humans Prevents the Stress-Induced Enhancement of Centromedial Amygdala Connectivity with the Dorsal Striatum. Neuropsychopharmacology, 2015, 40, 947-956.	2.8	91
102	Stress hormone corticosterone enhances susceptibility to cortical spreading depression in familial hemiplegic migraine type 1 mutant mice. Experimental Neurology, 2015, 263, 214-220.	2.0	27
103	Effects of Mineralocorticoid Receptor Overexpression on Anxiety and Memory after Early Life Stress in Female Mice. Frontiers in Behavioral Neuroscience, 2015, 9, 374.	1.0	18
104	Overexpression of Mineralocorticoid Receptors Partially Prevents Chronic Stress-Induced Reductions in Hippocampal Memory and Structural Plasticity. PLoS ONE, 2015, 10, e0142012.	1.1	24
105	Mineralocorticoid Receptors Guide Spatial and Stimulus-Response Learning in Mice. PLoS ONE, 2014, 9, e86236.	1.1	28
106	Corticosterone and decision-making in male Wistar rats: the effect of corticosterone application in the infralimbic and orbitofrontal cortex. Frontiers in Behavioral Neuroscience, 2014, 8, 127.	1.0	17
107	Ultradian corticosterone pulses balance glutamatergic transmission and synaptic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14265-14270.	3.3	66
108	Age- and Sex-Dependent Effects of Early Life Stress on Hippocampal Neurogenesis. Frontiers in Endocrinology, 2014, 5, 13.	1.5	98

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109	Adverse Consequences of Glucocorticoid Medication: Psychological, Cognitive, and Behavioral Effects. American Journal of Psychiatry, 2014, 171, 1045-1051.	4.0	168
110	Proliferation in the Alzheimer Hippocampus Is due to Microglia, Not Astroglia, and Occurs at Sites of Amyloid Deposition. Neural Plasticity, 2014, 2014, 1-12.	1.0	66
111	Linking genetic variants of the mineralocorticoid receptor and negative memory bias: Interaction with prior life adversity. Psychoneuroendocrinology, 2014, 40, 181-190.	1.3	25
112	Does Saint Nicholas provoke seizures? Hints from Google Trends. Epilepsy and Behavior, 2014, 32, 132-134.	0.9	7
113	Rapid corticosteroid actions on synaptic plasticity in the mouse basolateral amygdala: Relevance of recent stress history and Î²-adrenergic signaling. Neurobiology of Learning and Memory, 2014, 112, 168-175.	1.0	9
114	Distribution of the glucocorticoid receptor in the human amygdala; changes in mood disorder patients. Brain Structure and Function, 2014, 219, 1615-1626.	1.2	82
115	Early life stress in epilepsy: A seizure precipitant and risk factor for epileptogenesis. Epilepsy and Behavior, 2014, 38, 160-171.	0.9	73
116	Delayed effects of cortisol enhance fear memory of trace conditioning. Psychoneuroendocrinology, 2014, 40, 257-268.	1.3	15
117	Inhibiting 11Î²-hydroxysteroid dehydrogenase type 1 prevents stress effects on hippocampal synaptic plasticity and impairs contextual fear conditioning. Neuropharmacology, 2014, 81, 231-236.	2.0	28
118	Dynamic adaptation of large-scale brain networks in response to acute stressors. Trends in Neurosciences, 2014, 37, 304-314.	4.2	693
119	STRESS EXPOSURE ACROSS THE LIFE SPAN CUMULATIVELY INCREASES DEPRESSION RISK AND IS MODERATED BY NEUROTICISM. Depression and Anxiety, 2014, 31, 737-745.	2.0	126
120	Long-lasting Consequences of Early Life Stress on Brain Structure, Emotion and Cognition. Current Topics in Behavioral Neurosciences, 2014, 18, 81-92.	0.8	30
121	A Tale of Two Sexes. Neuron, 2014, 82, 1196-1199.	3.8	10
122	P.2.d.041 Determinants of acute stress reactivity in euthymic bipolar disorder patients and their unaffected siblings. European Neuropsychopharmacology, 2014, 24, S437-S438.	0.3	0
123	Regulation of Excitatory Synapses by Stress Hormones. , 2014, , 19-32.		2
124	Delayed Effects of Corticosterone on Slow After-Hyperpolarization Potentials in Mouse Hippocampal versus Prefrontal Cortical Pyramidal Neurons. PLoS ONE, 2014, 9, e99208.	1.1	3
125	The interplay between rapid and slow corticosteroid actions in brain. European Journal of Pharmacology, 2013, 719, 44-52.	1.7	61
126	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. Trends in Neurosciences, 2013, 36, 621-631.	4.2	157

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127	Time-Dependent Effects of Cortisol on the Contextualization of Emotional Memories. Biological Psychiatry, 2013, 74, 809-816.	0.7	90
128	Time-dependent changes in altruistic punishment following stress. Psychoneuroendocrinology, 2013, 38, 1467-1475.	1.3	100
129	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.	1.1	62
130	Glucocorticoid receptor protein expression in human hippocampus; stability with age. Neurobiology of Aging, 2013, 34, 1662-1673.	1.5	116
131	Time-dependent effects of corticosterone on reward-based decision-making in a rodent model of the Iowa Gambling Task. Neuropharmacology, 2013, 70, 306-315.	2.0	37
132	Stressing new neurons into depression?. Molecular Psychiatry, 2013, 18, 396-397.	4.1	26
133	Knockdown of the glucocorticoid receptor alters functional integration of newborn neurons in the adult hippocampus and impairs fear-motivated behavior. Molecular Psychiatry, 2013, 18, 993-1005.	4.1	129
134	Stress Research: Past, Present, and Future. , 2013, , 1979-2007.		1
135	Differential targeting of brain stress circuits with a selective glucocorticoid receptor modulator. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7910-7915.	3.3	105
136	No Effects of Psychosocial Stress on Intertemporal Choice. PLoS ONE, 2013, 8, e78597.	1.1	40
137	Combined Î²-adrenergic and corticosteroid receptor activation regulates AMPA receptor function in hippocampal neurons. Journal of Psychopharmacology, 2012, 26, 516-524.	2.0	25
138	Corticosteroid Induced Decoupling of the Amygdala in Men. Cerebral Cortex, 2012, 22, 2336-2345.	1.6	64
139	Unraveling the Time Domains of Corticosteroid Hormone Influences on Brain Activity: Rapid, Slow, and Chronic Modes. Pharmacological Reviews, 2012, 64, 901-938.	7.1	351
140	From antipsychotic to anti-schizophrenia drugs: role of animal models. Trends in Pharmacological Sciences, 2012, 33, 515-521.	4.0	30
141	Stress sensitivity of childhood epilepsy is related to experienced negative life events. Epilepsia, 2012, 53, 1554-1562.	2.6	31
142	Stress effects on memory: An update and integration. Neuroscience and Biobehavioral Reviews, 2012, 36, 1740-1749.	2.9	579
143	Hippocampal GR expression is increased in elderly depressed females. Neuropharmacology, 2012, 62, 527-533.	2.0	42
144	Maternal deprivation and dendritic complexity in the basolateral amygdala. Neuropharmacology, 2012, 62, 534-537.	2.0	29

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145	Nothing Is Written in Stone. Biological Psychiatry, 2012, 72, 432-433.	0.7	3
146	Corticosteroid Actions on Neurotransmission. , 2012, , 415-431.		0
147	Time-dependent effects of cortisol on selective attention and emotional interference: a functional MRI study. Frontiers in Integrative Neuroscience, 2012, 6, 66.	1.0	87
148	Individual Variations in Maternal Care Early in Life Correlate with Later Life Decision-Making and c-Fos Expression in Prefrontal Subregions of Rats. PLoS ONE, 2012, 7, e37820.	1.1	43
149	Dendritic Morphology of Hippocampal and Amygdalar Neurons in Adolescent Mice Is Resilient to Genetic Differences in Stress Reactivity. PLoS ONE, 2012, 7, e38971.	1.1	65
150	Stress-Induced Enhancement of Mouse Amygdalar Synaptic Plasticity Depends on Glucocorticoid and ÃŸ-Adrenergic Activity. PLoS ONE, 2012, 7, e42143.	1.1	34
151	A Single-Day Treatment with Mifepristone Is Sufficient to Normalize Chronic Glucocorticoid Induced Suppression of Hippocampal Cell Proliferation. PLoS ONE, 2012, 7, e46224.	1.1	65
152	Interactions between noradrenaline and corticosteroids in the brain: from electrical activity to cognitive performance. Frontiers in Cellular Neuroscience, 2012, 6, 15.	1.8	54
153	Dynamically changing effects of corticosteroids on human hippocampal and prefrontal processing. Human Brain Mapping, 2012, 33, 2885-2897.	1.9	66
154	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. Nature Reviews Drug Discovery, 2012, 11, 141-168.	21.5	960
155	Maternal Care Received by Individual Pups Correlates with Adult CA1 Dendritic Morphology and Synaptic Plasticity in a Sexâ€Ðependent Manner. Journal of Neuroendocrinology, 2012, 24, 331-340.	1.2	32
156	Corticosteroid effects on calcium signaling in limbic neurons. Cell Calcium, 2012, 51, 277-283.	1.1	33
157	Mineralocorticoid and glucocorticoid receptors at the neuronal membrane, regulators of nongenomic corticosteroid signalling. Molecular and Cellular Endocrinology, 2012, 350, 299-309.	1.6	233
158	Glucocorticoid pulsatility and rapid corticosteroid actions in the central stress response. Physiology and Behavior, 2012, 106, 73-80.	1.0	43
159	Within-litter variation in maternal care received by individual pups correlates with adolescent social play behavior in male rats. Physiology and Behavior, 2012, 106, 701-706.	1.0	69
160	Adult hippocampal glucocorticoid receptor expression and dentate synaptic plasticity correlate with maternal care received by individuals early in life. Hippocampus, 2012, 22, 255-266.	0.9	91
161	The transcriptional response to chronic stress and glucocorticoid receptor blockade in the hippocampal dentate gyrus. Hippocampus, 2012, 22, 359-371.	0.9	81
162	Stress and Memory: from Mechanisms to Long-Lasting Consequences. , 2012, , 191-202.		0

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163	Stress and emotional memory: a matter of timing. Trends in Cognitive Sciences, 2011, 15, 280-288.	4.0	341
164	Distinct structural plasticity in the hippocampus and amygdala of the middle-aged common marmoset (Callithrix jacchus). Experimental Neurology, 2011, 230, 291-301.	2.0	50
165	Regulation of excitatory synapses and fearful memories by stress hormones. Frontiers in Behavioral Neuroscience, 2011, 5, 62.	1.0	33
166	Rapid Effects of Corticosterone in the Mouse Dentate Gyrus Via a Nongenomic Pathway. Journal of Neuroendocrinology, 2011, 23, 143-147.	1.2	49
167	Impact of glucocorticoids on brain function: Relevance for mood disorders. Psychoneuroendocrinology, 2011, 36, 406-414.	1.3	61
168	Implications of psychosocial stress on memory formation in a typical male versus female student sample. Psychoneuroendocrinology, 2011, 36, 569-578.	1.3	113
169	Rapid non-genomic effects of corticosteroids and their role in the central stress response. Journal of Endocrinology, 2011, 209, 153-167.	1.2	343
170	Early maternal deprivation affects dentate gyrus structure and emotional learning in adult female rats. Psychopharmacology, 2011, 214, 249-260.	1.5	115
171	Time-dependent corticosteroid modulation of prefrontal working memory processing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5801-5806.	3.3	169
172	A Randomized Trial on Mineralocorticoid Receptor Blockade in Men: Effects on Stress Responses, Selective Attention, and Memory. Neuropsychopharmacology, 2011, 36, 2720-2728.	2.8	88
173	Blocking Mineralocorticoid Receptors prior to Retrieval Reduces Contextual Fear Memory in Mice. PLoS ONE, 2011, 6, e26220.	1.1	44
174	Ten years of Nature Reviews Neuroscience: insights from the highly cited. Nature Reviews Neuroscience, 2010, 11, 718-726.	4.9	32
175	The memory paradox. Nature Reviews Neuroscience, 2010, 11, 837-839.	4.9	14
176	Chronic stress effects on hippocampal structure and synaptic function: relevance for depression and normalization by anti-glucocorticoid treatment. Frontiers in Synaptic Neuroscience, 2010, 2, 24.	1.3	73
177	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.	1.7	324
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