

Carmen Sandi

List of Publications by Year in descending order

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Version: 2024-02-01

237
papers

15,372
citations

15504
65
h-index

22832
112
g-index

268
all docs

268
docs citations

268
times ranked

14814
citing authors

#	ARTICLE	IF	CITATIONS
1	CAFS: Cost-Aware Features Selection Method for Multimodal Stress Monitoring on Wearable Devices. IEEE Transactions on Biomedical Engineering, 2022, 69, 1072-1084.	4.2	9
2	Exploring associations between diurnal cortisol, stress, coping and psychopathology in adolescents and young adults with 22q11.2 deletion syndrome. Comprehensive Psychoneuroendocrinology, 2022, 9, 100103.	1.7	3
3	Stress-induced depressive-like behavior in male rats is associated with microglial activation and inflammation dysregulation in the hippocampus in adulthood. Brain, Behavior, and Immunity, 2022, 99, 397-408.	4.1	21
4	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders. Cell Metabolism, 2022, 34, 269-284.e9.	16.2	13
5	Remembering Mike Stewart. Neuropharmacology, 2022, 207, 108962.	4.1	0
6	Paradoxical neuronal hyperexcitability in a mouse model of mitochondrial pyruvate import deficiency. ELife, 2022, 11, .	6.0	21
7	Signatures of life course socioeconomic conditions in brain anatomy. Human Brain Mapping, 2022, 43, 2582-2606.	3.6	10
8	Opposite effects of stress on effortful motivation in high and low anxiety are mediated by CRHR1 in the VTA. Science Advances, 2022, 8, eabj9019.	10.3	17
9	eNAMPT actions through nucleus accumbens NAD ⁺ /SIRT1 link increased adiposity with sociability deficits programmed by peripuberty stress. Science Advances, 2022, 8, eabj9109.	10.3	20
10	Creatine transporter-deficient rat model shows motor dysfunction, cerebellar alterations, and muscle creatine deficiency without muscle atrophy. Journal of Inherited Metabolic Disease, 2022, 45, 278-291.	3.6	7
11	Pre-pandemic Psychobiological Features Predict Impact of COVID-19 Confinement on Loneliness. Frontiers in Psychology, 2022, 13, 874232.	2.1	0
12	Acute stress affects peripersonal space representation in cortisol stress responders. Psychoneuroendocrinology, 2022, 142, 105790.	2.7	3
13	EJN stress, brain and behaviour special issue. European Journal of Neuroscience, 2022, 55, 2053-2057.	2.6	0
14	The social nature of mitochondria: Implications for human health. Neuroscience and Biobehavioral Reviews, 2021, 120, 595-610.	6.1	65
15	Astrocytic release of ATP through type 2 inositol 1,4,5-trisphosphate receptor calcium signaling and social dominance behavior in mice. European Journal of Neuroscience, 2021, 53, 2973-2985.	2.6	3
16	Towards an Evolutionary Theory of Stress Responses. Trends in Ecology and Evolution, 2021, 36, 39-48.	8.7	58
17	Mitofusin-2 in the Nucleus Accumbens Regulates Anxiety and Depression-like Behaviors Through Mitochondrial and Neuronal Actions. Biological Psychiatry, 2021, 89, 1033-1044.	1.3	55
18	A report on the FENS 2020 virtual FORUM. European Journal of Neuroscience, 2021, 53, 2446-2449.	2.6	0

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19	A new rat model of creatine transporter deficiency reveals behavioral disorder and altered brain metabolism. <i>Scientific Reports</i> , 2021, 11, 1636.	3.3	18
20	Doppelganger-based training: Imitating our virtual self to accelerate interpersonal skills learning. <i>PLoS ONE</i> , 2021, 16, e0245960.	2.5	8
21	Commentary: The Risky Closed Economy: A Holistic, Longitudinal Approach to Studying Fear and Anxiety in Rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 664941.	2.0	0
22	Differential Susceptibility to the Impact of the COVID-19 Pandemic on Working Memory, Empathy, and Perceived Stress: The Role of Cortisol and Resilience. <i>Brain Sciences</i> , 2021, 11, 348.	2.3	19
23	A thalamo-amygdalar circuit underlying the extinction of remote fear memories. <i>Nature Neuroscience</i> , 2021, 24, 964-974.	14.8	44
24	Long term effects of peripubertal stress on excitatory and inhibitory circuits in the prefrontal cortex of male and female mice. <i>Neurobiology of Stress</i> , 2021, 14, 100322.	4.0	17
25	Title: "Labels Matter: Is it stress or is it Trauma?" <i>Translational Psychiatry</i> , 2021, 11, 385.	4.8	35
26	COVID-19, stress, and inequities in (neuro)science. <i>Neuron</i> , 2021, 109, 3358-3360.	8.1	2
27	IMVEST, an immersive multimodal virtual environment stress test for humans that adjusts challenge to individual's performance. <i>Neurobiology of Stress</i> , 2021, 15, 100382.	4.0	4
28	Early life adoption shows rearing environment supersedes transgenerational effects of paternal stress on aggressive temperament in the offspring. <i>Translational Psychiatry</i> , 2021, 11, 533.	4.8	4
29	P.0633 Epigenome-wide DNA methylation in externalizing behaviours: a review and meta-analysis. <i>European Neuropsychopharmacology</i> , 2021, 53, S465-S466.	0.7	0
30	Constitutive differences in glucocorticoid responsiveness are related to divergent spatial information processing abilities. <i>Stress</i> , 2020, 23, 37-49.	1.8	12
31	Amygdala GluN2B-NMDAR dysfunction is critical in abnormal aggression of neurodevelopmental origin induced by <i>St8sia2</i> deficiency. <i>Molecular Psychiatry</i> , 2020, 25, 2144-2161.	7.9	18
32	Mitochondrial function and stress resilience. , 2020, , 119-132.		2
33	The glucocorticoid receptor in the nucleus accumbens plays a crucial role in social rank attainment in rodents. <i>Psychoneuroendocrinology</i> , 2020, 112, 104538.	2.7	21
34	LPA1 receptor and chronic stress: Effects on behaviour and the genes involved in the hippocampal excitatory/inhibitory balance. <i>Neuropharmacology</i> , 2020, 164, 107896.	4.1	7
35	Pituitary dysmaturation affects psychopathology and neurodevelopment in 22q11.2 Deletion Syndrome. <i>Psychoneuroendocrinology</i> , 2020, 113, 104540.	2.7	15
36	What brains do we study and why do we study them?. <i>European Journal of Neuroscience</i> , 2020, 52, 4602-4603.	2.6	1

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37	Glutamine-to-glutamate ratio in the nucleus accumbens predicts effort-based motivated performance in humans. <i>Neuropsychopharmacology</i> , 2020, 45, 2048-2057.	5.4	16
38	Mitochondrial gene signature in the prefrontal cortex for differential susceptibility to chronic stress. <i>Scientific Reports</i> , 2020, 10, 18308.	3.3	43
39	Locomotion in virtual environments predicts cardiovascular responsiveness to subsequent stressful challenges. <i>Nature Communications</i> , 2020, 11, 5904.	12.8	17
40	Therapeutic potential of glutathione-enhancers in stress-related psychopathologies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 114, 134-155.	6.1	32
41	Programming effects of peripubertal stress on spatial learning. <i>Neurobiology of Stress</i> , 2020, 13, 100282.	4.0	14
42	Pronounced α -Synuclein Pathology in a Seeding-Based Mouse Model Is Not Sufficient to Induce Mitochondrial Respiration Deficits in the Striatum and Amygdala. <i>ENeuro</i> , 2020, 7, ENEURO.0110-20.2020.	1.9	8
43	Metabolic signature in nucleus accumbens for anti-depressant-like effects of acetyl-L-carnitine. <i>ELife</i> , 2020, 9, .	6.0	45
44	Peripubertal stress-induced heightened aggression: modulation of the glucocorticoid receptor in the central amygdala and normalization by mifepristone treatment. <i>Neuropsychopharmacology</i> , 2019, 44, 674-682.	5.4	36
45	Chronic corticosterone aggravates behavioral and neuronal symptomatology in a mouse model of alpha-synuclein pathology. <i>Neurobiology of Aging</i> , 2019, 83, 11-20.	3.1	32
46	Neurobiological links between stress and anxiety. <i>Neurobiology of Stress</i> , 2019, 11, 100191.	4.0	223
47	Trait anxiety on effort allocation to monetary incentives: a behavioral and high-density EEG study. <i>Translational Psychiatry</i> , 2019, 9, 174.	4.8	17
48	Anxiety and Brain Mitochondria: A Bidirectional Crosstalk. <i>Trends in Neurosciences</i> , 2019, 42, 573-588.	8.6	96
49	Latency to Reward Predicts Social Dominance in Rats: A Causal Role for the Dopaminergic Mesolimbic System. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 69.	2.0	13
50	Gene expression across mammalian organ development. <i>Nature</i> , 2019, 571, 505-509.	27.8	490
51	S.13.01 Brain energy metabolism regulates vulnerability to stress. <i>European Neuropsychopharmacology</i> , 2019, 29, S17.	0.7	0
52	Nucleus accumbens neurochemistry in human anxiety: A 7 T 1H-MRS study. <i>European Neuropsychopharmacology</i> , 2019, 29, 365-375.	0.7	32
53	Low vagal tone in two rat models of psychopathology involving high or low corticosterone stress responses. <i>Psychoneuroendocrinology</i> , 2019, 101, 101-110.	2.7	8
54	Neuropharmacology of the mesolimbic system and associated circuits on social hierarchies. <i>Neuropharmacology</i> , 2019, 159, 107498.	4.1	19

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55	Biological Signatures of Brain Aging and Accelerated Aging by Early Life Threat. <i>Biological Psychiatry</i> , 2019, 85, 187-188.	1.3	0
56	Advances in understanding neural mechanisms of social dominance. <i>Current Opinion in Neurobiology</i> , 2018, 49, 99-107.	4.2	81
57	Long-term programming of psychopathology-like behaviors in male rats by peripubertal stress depends on individual's glucocorticoid responsiveness to stress. <i>Stress</i> , 2018, 21, 433-442.	1.8	24
58	Increased brain glucocorticoid actions following social defeat in rats facilitates the long-term establishment of social subordination. <i>Physiology and Behavior</i> , 2018, 186, 31-36.	2.1	15
59	An energetic view of stress: Focus on mitochondria. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 72-85.	5.2	341
60	High anxiety trait: A vulnerable phenotype for stress-induced depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 87, 27-37.	6.1	170
61	Stress Impacts the Regulation of Neuropeptides in the Rat Hippocampus and Prefrontal Cortex. <i>Proteomics</i> , 2018, 18, e1700408.	2.2	24
62	The link between aberrant hypothalamic-pituitary-adrenal axis activity during development and the emergence of aggression: Animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 91, 138-152.	6.1	32
63	Diazepam actions in the VTA enhance social dominance and mitochondrial function in the nucleus accumbens by activation of dopamine D1 receptors. <i>Molecular Psychiatry</i> , 2018, 23, 569-578.	7.9	93
64	A generalised framework for detailed classification of swimming paths inside the Morris Water Maze. <i>Scientific Reports</i> , 2018, 8, 15089.	3.3	34
65	Alterations in brain microstructure in rats that develop abnormal aggression following peripubertal stress. <i>European Journal of Neuroscience</i> , 2018, 48, 1818-1832.	2.6	18
66	Medium chain triglyceride diet reduces anxiety-like behaviors and enhances social competitiveness in rats. <i>Neuropharmacology</i> , 2018, 138, 245-256.	4.1	49
67	GABAA receptors in the ventral tegmental area control the outcome of a social competition in rats. <i>Neuropharmacology</i> , 2018, 138, 275-281.	4.1	14
68	Peripubertal stress increases play fighting at adolescence and modulates nucleus accumbens CB1 receptor expression and mitochondrial function in the amygdala. <i>Translational Psychiatry</i> , 2018, 8, 156.	4.8	26
69	Dominant men are faster in decision-making situations and exhibit a distinct neural signal for promptness. <i>Cerebral Cortex</i> , 2018, 28, 3740-3751.	2.9	11
70	Stress-Induced Depression: Is Social Rank a Predictive Risk Factor?. <i>BioEssays</i> , 2018, 40, e1800012.	2.5	42
71	Editorial overview: Stress and behavior. <i>Current Opinion in Behavioral Sciences</i> , 2017, 14, iv-vii.	3.9	1
72	Hierarchical Status Predicts Behavioral Vulnerability and Nucleus Accumbens Metabolic Profile Following Chronic Social Defeat Stress. <i>Current Biology</i> , 2017, 27, 2202-2210.e4.	3.9	161

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73	Constitutive differences in glucocorticoid responsiveness to stress are related to variation in aggression and anxiety-related behaviors. Psychoneuroendocrinology, 2017, 84, 1-10.	2.7	36
74	Acute stress alters individual risk taking in a timeâ€dependent manner and leads to antiâ€social risk. European Journal of Neuroscience, 2017, 45, 877-885.	2.6	46
75	Structural and functional alterations in the prefrontal cortex after post-weaning social isolation: relationship with species-typical and deviant aggression. Brain Structure and Function, 2017, 222, 1861-1875.	2.3	47
76	Effects of Stress Throughout the Lifespan on the Brain and Behavior. , 2017, , 443-463.		3
77	Social dominance orientation influences the perception of facial expressions. Journal of Vision, 2017, 17, 1007.	0.3	0
78	Urolithin A induces mitophagy and prolongs lifespan in C. elegans and increases muscle function in rodents. Nature Medicine, 2016, 22, 879-888.	30.7	668
79	Not all anxious individuals get lost: Trait anxiety and mental rotation ability interact to explain performance in map-based route learning in men. Neurobiology of Learning and Memory, 2016, 132, 1-8.	1.9	34
80	Emergence in extinction of enhanced and persistent responding to ambiguous aversive cues is associated with high MAOA activity in the prelimbic cortex. Neurobiology of Stress, 2016, 5, 1-7.	4.0	4
81	Effects of paternal and peripubertal stress on aggression, anxiety, and metabolic alterations in the lateral septum. European Neuropsychopharmacology, 2016, 26, 357-367.	0.7	33
82	Neuroigin-2 Expression in the Prefrontal Cortex is Involved in Attention Deficits Induced by Peripubertal Stress. Neuropsychopharmacology, 2016, 41, 751-761.	5.4	31
83	Involvement of CRFR₁ in the Basolateral Amygdala in the Immediate Fear Extinction Deficit. ENeuro, 2016, 3, ENEURO.0084-16.2016.	1.9	23
84	Detailed classification of swimming paths in the Morris Water Maze: multiple strategies within one trial. Scientific Reports, 2015, 5, 14562.	3.3	65
85	Stress pulls us apart: Anxiety leads to differences in competitive confidence under stress. Psychoneuroendocrinology, 2015, 54, 115-123.	2.7	85
86	The Programming of the Social Brain by Stress During Childhood and Adolescence: From Rodents to Humans. Current Topics in Behavioral Neurosciences, 2015, 30, 411-429.	1.7	48
87	The effects of extrinsic stress on somatic markers and behavior are dependent on animal housing conditions. Physiology and Behavior, 2015, 151, 238-245.	2.1	16
88	Hippocampal neuroigin-2 links early-life stress with impaired social recognition and increased aggression in adult mice. Psychoneuroendocrinology, 2015, 55, 128-143.	2.7	63
89	Stress and the social brain: behavioural effects and neurobiological mechanisms. Nature Reviews Neuroscience, 2015, 16, 290-304.	10.2	442
90	Mitochondrial function in the brain links anxiety with social subordination. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15486-15491.	7.1	204

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91	The effects of stress during early postnatal periods on behavior and hippocampal neuroplasticity markers in adult male mice. <i>Neuroscience</i> , 2015, 311, 508-518.	2.3	35
92	The genetics of social hierarchies. <i>Current Opinion in Behavioral Sciences</i> , 2015, 2, 52-57.	3.9	29
93	Learning improvement after PI3K activation correlates with de novo formation of functional small spines. <i>Frontiers in Molecular Neuroscience</i> , 2014, 6, 54.	2.9	26
94	Role for MMP-9 in stress-induced downregulation of nectin-3 in hippocampal CA1 and associated behavioural alterations. <i>Nature Communications</i> , 2014, 5, 4995.	12.8	101
95	Peripubertal stress-induced behavioral changes are associated with altered expression of genes involved in excitation and inhibition in the amygdala. <i>Translational Psychiatry</i> , 2014, 4, e410-e410.	4.8	72
96	Impaired Hippocampal Neuroligin-2 Function by Chronic Stress or Synthetic Peptide Treatment is Linked to Social Deficits and Increased Aggression. <i>Neuropsychopharmacology</i> , 2014, 39, 1148-1158.	5.4	69
97	Breaking the Dynamics of Emotions and Fear in Conflict and Reconstruction. <i>Peace Economics, Peace Science and Public Policy</i> , 2014, 20, 479-522.	1.1	0
98	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.7	152
99	Effects of Adverse Early Life Events on Aggression and Anti-Social Behaviours in Animals and Humans. <i>Journal of Neuroendocrinology</i> , 2014, 26, 724-738.	2.6	134
100	Social deficits induced by peripubertal stress in rats are reversed by resveratrol. <i>Journal of Psychiatric Research</i> , 2014, 57, 157-164.	3.1	22
101	CRHR1 links peripuberty stress with deficits in social and stress-coping behaviors. <i>Journal of Psychiatric Research</i> , 2014, 53, 1-7.	3.1	41
102	Mice with ablated adult brain neurogenesis are not impaired in antidepressant response to chronic fluoxetine. <i>Journal of Psychiatric Research</i> , 2014, 56, 106-111.	3.1	24
103	Long-Term Behavioral Programming Induced by Peripuberty Stress in Rats Is Accompanied by GABAergic-Related Alterations in the Amygdala. <i>PLoS ONE</i> , 2014, 9, e94666.	2.5	51
104	Synaptic Mechanisms and Cognitive Computations Underlying Stress Effects on Cognitive Function. , 2014, , 203-222.		0
105	Long-term programming of enhanced aggression by peripuberty stress in female rats. <i>Psychoneuroendocrinology</i> , 2013, 38, 2758-2769.	2.7	43
106	Peripuberty stress leads to abnormal aggression, altered amygdala and orbitofrontal reactivity and increased prefrontal MAOA gene expression. <i>Translational Psychiatry</i> , 2013, 3, e216-e216.	4.8	196
107	Stress and cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2013, 4, 245-261.	2.8	281
108	Age-related cognitive impairments in mice with a conditional ablation of the neural cell adhesion molecule. <i>Learning and Memory</i> , 2013, 20, 183-193.	1.3	37

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109	The interplay of conditional NCAM-knockout and chronic unpredictable stress leads to increased aggression in mice. <i>Stress</i> , 2013, 16, 647-654.	1.8	13
110	Pathogen-Free Husbandry Conditions Alleviate Behavioral Deficits and Neurodegeneration in AD10 Anti-NGF Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 951-964.	2.6	3
111	Hippocampal Neuroligin-2 Overexpression Leads to Reduced Aggression and Inhibited Novelty Reactivity in Rats. <i>PLoS ONE</i> , 2013, 8, e56871.	2.5	46
112	A Key Role for Nectin-1 in the Ventral Hippocampus in Contextual Fear Memory. <i>PLoS ONE</i> , 2013, 8, e56897.	2.5	18
113	Increased corticosterone in peripubertal rats leads to long-lasting alterations in social exploration and aggression. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 26.	2.0	52
114	Female vulnerability to the development of depression-like behavior in a rat model of intimate partner violence is related to anxious temperament, coping responses, and amygdala vasopressin receptor 1a expression. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 35.	2.0	18
115	Facilitation of AMPA Receptor Synaptic Delivery as a Molecular Mechanism for Cognitive Enhancement. <i>PLoS Biology</i> , 2012, 10, e1001262.	5.6	43
116	Evidence for biological roots in the transgenerational transmission of intimate partner violence. <i>Translational Psychiatry</i> , 2012, 2, e106-e106.	4.8	70
117	Vulnerability of conditional NCAM-deficient mice to develop stress-induced behavioral alterations. <i>Stress</i> , 2012, 15, 195-206.	1.8	27
118	Social memories in rodents: Methods, mechanisms and modulation by stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1763-1772.	6.1	75
119	Stress during puberty boosts metabolic activation associated with fear-extinction learning in hippocampus, basal amygdala and cingulate cortex. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 93-101.	1.9	22
120	Lack of cyclin D2 impairing adult brain neurogenesis alters hippocampal-dependent behavioral tasks without reducing learning ability. <i>Behavioural Brain Research</i> , 2012, 227, 159-166.	2.2	48
121	Trait anxiety and post-learning stress do not affect perceptual learning. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 246-253.	1.9	2
122	Different Emotional Disturbances in Two Experimental Models of Temporal Lobe Epilepsy in Rats. <i>PLoS ONE</i> , 2012, 7, e38959.	2.5	55
123	Personality traits in rats predict vulnerability and resilience to developing stress-induced depression-like behaviors, HPA axis hyper-reactivity and brain changes in pERK1/2 activity. <i>Psychoneuroendocrinology</i> , 2012, 37, 1209-1223.	2.7	73
124	Glucocorticoids act on glutamatergic pathways to affect memory processes. <i>Trends in Neurosciences</i> , 2011, 34, 165-176.	8.6	160
125	S.16.02 Stress effects on mood and sociability – cell adhesion molecules as molecular targets. <i>European Neuropsychopharmacology</i> , 2011, 21, S211.	0.7	2
126	Stress during Adolescence Increases Novelty Seeking and Risk-Taking Behavior in Male and Female Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 17.	2.0	106

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127	Chronic Delivery of Antibody Fragments Using Immunoisolated Cell Implants as a Passive Vaccination Tool. PLoS ONE, 2011, 6, e18268.	2.5	7
128	Hippocampal-Dependent Spatial Memory in the Water Maze is Preserved in an Experimental Model of Temporal Lobe Epilepsy in Rats. PLoS ONE, 2011, 6, e22372.	2.5	109
129	A Peptide Mimetic Targeting Trans-Homophilic NCAM Binding Sites Promotes Spatial Learning and Neural Plasticity in the Hippocampus. PLoS ONE, 2011, 6, e23433.	2.5	21
130	Extending the impact of stress on hippocampal neurogenesis (Commentary on P. Van Bokhoven et al.). European Journal of Neuroscience, 2011, 33, 1832-1832.	2.6	0
131	Neuroplastinâ€65 and a mimetic peptide derived from its homophilic binding site modulate neurogenesis and neuronal plasticity. Journal of Neurochemistry, 2011, 117, 984-994.	3.9	40
132	Macrophage migration inhibitory factor is critically involved in basal and fluoxetine-stimulated adult hippocampal cell proliferation and in anxiety, depression, and memory-related behaviors. Molecular Psychiatry, 2011, 16, 533-547.	7.9	81
133	Neural mechanisms and computations underlying stress effects on learning and memory. Current Opinion in Neurobiology, 2011, 21, 502-508.	4.2	59
134	Causal evidence for the involvement of the neural cell adhesion molecule, NCAM, in chronic stressâ€nduced cognitive impairments. Hippocampus, 2011, 21, 56-71.	1.9	49
135	Healing anxiety disorders with glucocorticoids. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6343-6344.	7.1	2
136	Phosphoinositide-3-Kinase Activation Controls Synaptogenesis and Spinogenesis in Hippocampal Neurons. Journal of Neuroscience, 2011, 31, 2721-2733.	3.6	121
137	Evidence for a Role of Oxytocin Receptors in the Long-Term Establishment of Dominance Hierarchies. Neuropsychopharmacology, 2011, 36, 2349-2356.	5.4	64
138	Role of NCAM in Emotion and Learning. Neurochemical Research, 2010, , 271.	3.3	3
139	Regulation of brain-derived neurotrophic factor (BDNF) in the chronic unpredictable stress rat model and the effects of chronic antidepressant treatment. Journal of Psychiatric Research, 2010, 44, 808-816.	3.1	137
140	A role for glucocorticoids in the long-term establishment of a social hierarchy. Psychoneuroendocrinology, 2010, 35, 1543-1552.	2.7	51
141	Dennexin peptides modeled after the homophilic binding sites of the neural cell adhesion molecule (NCAM) promote neuronal survival, modify cell adhesion and impair spatial learning. European Journal of Cell Biology, 2010, 89, 817-827.	3.6	9
142	The role of NCAM in auditory fear conditioning and its modulation by stress: a focus on the amygdala. Genes, Brain and Behavior, 2010, 9, 353-364.	2.2	26
143	Differential impact of polysialyltransferase ST8Siall and ST8SiaIV knockout on social interaction and aggression. Genes, Brain and Behavior, 2010, 9, 958-967.	2.2	56
144	Neuroplastinâ€55 binds to and signals through the fibroblast growth factor receptor. FASEB Journal, 2010, 24, 1139-1150.	0.5	48

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145	Learning under stress: The inverted-U-shape function revisited. <i>Learning and Memory</i> , 2010, 17, 522-530.	1.3	207
146	Stress at Learning Facilitates Memory Formation by Regulating AMPA Receptor Trafficking Through a Glucocorticoid Action. <i>Neuropsychopharmacology</i> , 2010, 35, 674-685.	5.4	100
147	Role of NCAM in Emotion and Learning. <i>Advances in Experimental Medicine and Biology</i> , 2010, 663, 271-296.	1.6	27
148	Role of the Amygdala in Antidepressant Effects on Hippocampal Cell Proliferation and Survival and on Depression-like Behavior in the Rat. <i>PLoS ONE</i> , 2010, 5, e8618.	2.5	55
149	Fear conditioning enhances spontaneous AMPA receptor-mediated synaptic transmission in mouse hippocampal CA1 area. <i>European Journal of Neuroscience</i> , 2009, 30, 1559-1564.	2.6	31
150	From high anxiety trait to depression: a neurocognitive hypothesis. <i>Trends in Neurosciences</i> , 2009, 32, 312-320.	8.6	186
151	Learning under stress: A role for the neural cell adhesion molecule NCAM. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 333-342.	1.9	76
152	Stress, genotype and norepinephrine in the prediction of mouse behavior using reinforcement learning. <i>Nature Neuroscience</i> , 2009, 12, 1180-1186.	14.8	68
153	The antidepressant agomelatine blocks the adverse effects of stress on memory and enables spatial learning to rapidly increase neural cell adhesion molecule (NCAM) expression in the hippocampus of rats. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 329.	2.1	57
154	Chronic stress-induced alterations in amygdala responsiveness and behavior – modulation by trait anxiety and corticotropin-releasing factor systems. <i>European Journal of Neuroscience</i> , 2008, 28, 1836-1848.	2.6	77
155	A role for NCAM in depression and antidepressant actions? (Commentary on Aonurmá-Helm <i>et al.</i>). <i>European Journal of Neuroscience</i> , 2008, 28, 1617-1617.	2.6	1
156	Stress effects on working memory, explicit memory, and implicit memory for neutral and emotional stimuli in healthy men. <i>Frontiers in Behavioral Neuroscience</i> , 2008, 2, 5.	2.0	184
157	Abnormal Fear Conditioning and Amygdala Processing in an Animal Model of Autism. <i>Neuropsychopharmacology</i> , 2008, 33, 901-912.	5.4	309
158	KAP1-Mediated Epigenetic Repression in the Forebrain Modulates Behavioral Vulnerability to Stress. <i>Neuron</i> , 2008, 60, 818-831.	8.1	110
159	Chronic stress in adulthood followed by intermittent stress impairs spatial memory and the survival of newborn hippocampal cells in aging animals: prevention by FGL, a peptide mimetic of neural cell adhesion molecule. <i>Behavioural Pharmacology</i> , 2008, 19, 41-49.	1.7	63
160	Adding complexity to emotion-cognition interactions: the stressed individual. <i>Frontiers in Neuroscience</i> , 2008, 2, 134-135.	2.8	3
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