

Carmen Sandi

List of Publications by Year in descending order

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Version: 2024-02-01

237
papers

15,372
citations

15466

65
h-index

22764

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. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1072-1084.	2.5	9
2	Exploring associations between diurnal cortisol, stress, coping and psychopathology in adolescents and young adults with 22q11.2 deletion syndrome. <i>Comprehensive Psychoneuroendocrinology</i> , 2022, 9, 100103.	0.7	3
3	Stress-induced depressive-like behavior in male rats is associated with microglial activation and inflammation dysregulation in the hippocampus in adulthood. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 397-408.	2.0	21
4	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders. <i>Cell Metabolism</i> , 2022, 34, 269-284.e9.	7.2	13
5	Remembering Mike Stewart. <i>Neuropharmacology</i> , 2022, 207, 108962.	2.0	0
6	Paradoxical neuronal hyperexcitability in a mouse model of mitochondrial pyruvate import deficiency. <i>ELife</i> , 2022, 11, .	2.8	21
7	Signatures of life course socioeconomic conditions in brain anatomy. <i>Human Brain Mapping</i> , 2022, 43, 2582-2606.	1.9	10
8	Opposite effects of stress on effortful motivation in high and low anxiety are mediated by CRHR1 in the VTA. <i>Science Advances</i> , 2022, 8, eabj9019.	4.7	17
9	eNAMPT actions through nucleus accumbens NAD ⁺ /SIRT1 link increased adiposity with sociability deficits programmed by peripuberty stress. <i>Science Advances</i> , 2022, 8, eabj9109.	4.7	20
10	Creatine transporter-deficient rat model shows motor dysfunction, cerebellar alterations, and muscle creatine deficiency without muscle atrophy. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 278-291.	1.7	7
11	Pre-pandemic Psychobiological Features Predict Impact of COVID-19 Confinement on Loneliness. <i>Frontiers in Psychology</i> , 2022, 13, 874232.	1.1	0
12	Acute stress affects peripersonal space representation in cortisol stress responders. <i>Psychoneuroendocrinology</i> , 2022, 142, 105790.	1.3	3
13	EJN stress, brain and behaviour special issue. <i>European Journal of Neuroscience</i> , 2022, 55, 2053-2057.	1.2	0
14	The social nature of mitochondria: Implications for human health. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 595-610.	2.9	65
15	Astrocytic release of ATP through type 2 inositol 1,4,5-trisphosphate receptor calcium signaling and social dominance behavior in mice. <i>European Journal of Neuroscience</i> , 2021, 53, 2973-2985.	1.2	3
16	Towards an Evolutionary Theory of Stress Responses. <i>Trends in Ecology and Evolution</i> , 2021, 36, 39-48.	4.2	58
17	Mitofusin-2 in the Nucleus Accumbens Regulates Anxiety and Depression-like Behaviors Through Mitochondrial and Neuronal Actions. <i>Biological Psychiatry</i> , 2021, 89, 1033-1044.	0.7	55
18	A report on the FENS 2020 virtual FORUM. <i>European Journal of Neuroscience</i> , 2021, 53, 2446-2449.	1.2	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.	1.6	18
20	Doppelganger-based training: Imitating our virtual self to accelerate interpersonal skills learning. <i>PLoS ONE</i> , 2021, 16, e0245960.	1.1	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.	1.0	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.	1.1	19
23	A thalamo-amygdalar circuit underlying the extinction of remote fear memories. <i>Nature Neuroscience</i> , 2021, 24, 964-974.	7.1	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.	1.9	17
25	Title: "Labels Matter: Is it stress or is it Trauma?" <i>Translational Psychiatry</i> , 2021, 11, 385.	2.4	35
26	COVID-19, stress, and inequities in (neuro)science. <i>Neuron</i> , 2021, 109, 3358-3360.	3.8	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.	1.9	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.	2.4	4
29	P.0633 Epigenome-wide DNA methylation in externalizing behaviours: a review and meta-analysis. <i>European Neuropsychopharmacology</i> , 2021, 53, S465-S466.	0.3	0
30	Constitutive differences in glucocorticoid responsiveness are related to divergent spatial information processing abilities. <i>Stress</i> , 2020, 23, 37-49.	0.8	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.	4.1	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.	1.3	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.	2.0	7
35	Pituitary dysmaturation affects psychopathology and neurodevelopment in 22q11.2 Deletion Syndrome. <i>Psychoneuroendocrinology</i> , 2020, 113, 104540.	1.3	15
36	What brains do we study and why do we study them?. <i>European Journal of Neuroscience</i> , 2020, 52, 4602-4603.	1.2	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.	2.8	16
38	Mitochondrial gene signature in the prefrontal cortex for differential susceptibility to chronic stress. <i>Scientific Reports</i> , 2020, 10, 18308.	1.6	43
39	Locomotion in virtual environments predicts cardiovascular responsiveness to subsequent stressful challenges. <i>Nature Communications</i> , 2020, 11, 5904.	5.8	17
40	Therapeutic potential of glutathione-enhancers in stress-related psychopathologies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 114, 134-155.	2.9	32
41	Programming effects of peripubertal stress on spatial learning. <i>Neurobiology of Stress</i> , 2020, 13, 100282.	1.9	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.	0.9	8
43	Metabolic signature in nucleus accumbens for anti-depressant-like effects of acetyl-L-carnitine. <i>ELife</i> , 2020, 9, .	2.8	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.	2.8	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.	1.5	32
46	Neurobiological links between stress and anxiety. <i>Neurobiology of Stress</i> , 2019, 11, 100191.	1.9	223
47	Trait anxiety on effort allocation to monetary incentives: a behavioral and high-density EEG study. <i>Translational Psychiatry</i> , 2019, 9, 174.	2.4	17
48	Anxiety and Brain Mitochondria: A Bidirectional Crosstalk. <i>Trends in Neurosciences</i> , 2019, 42, 573-588.	4.2	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.	1.0	13
50	Gene expression across mammalian organ development. <i>Nature</i> , 2019, 571, 505-509.	13.7	490
51	S.13.01 Brain energy metabolism regulates vulnerability to stress. <i>European Neuropsychopharmacology</i> , 2019, 29, S17.	0.3	0
52	Nucleus accumbens neurochemistry in human anxiety: A 7 T 1H-MRS study. <i>European Neuropsychopharmacology</i> , 2019, 29, 365-375.	0.3	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.	1.3	8
54	Neuropharmacology of the mesolimbic system and associated circuits on social hierarchies. <i>Neuropharmacology</i> , 2019, 159, 107498.	2.0	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.	0.7	0
56	Advances in understanding neural mechanisms of social dominance. <i>Current Opinion in Neurobiology</i> , 2018, 49, 99-107.	2.0	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.	0.8	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.	1.0	15
59	An energetic view of stress: Focus on mitochondria. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 72-85.	2.5	341
60	High anxiety trait: A vulnerable phenotype for stress-induced depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 87, 27-37.	2.9	170
61	Stress Impacts the Regulation Neuropeptides in the Rat Hippocampus and Prefrontal Cortex. <i>Proteomics</i> , 2018, 18, e1700408.	1.3	24
62	The link between aberrant hypothalamic-pituitary-adrenal axis activity during development and the emergence of aggression. <i>Animal studies. Neuroscience and Biobehavioral Reviews</i> , 2018, 91, 138-152.	2.9	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.	4.1	93
64	A generalised framework for detailed classification of swimming paths inside the Morris Water Maze. <i>Scientific Reports</i> , 2018, 8, 15089.	1.6	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.	1.2	18
66	Medium chain triglyceride diet reduces anxiety-like behaviors and enhances social competitiveness in rats. <i>Neuropharmacology</i> , 2018, 138, 245-256.	2.0	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.	2.0	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.	2.4	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.	1.6	11
70	Stress-Induced Depression: Is Social Rank a Predictive Risk Factor?. <i>BioEssays</i> , 2018, 40, e1800012.	1.2	42
71	Editorial overview: Stress and behavior. <i>Current Opinion in Behavioral Sciences</i> , 2017, 14, iv-vii.	2.0	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.	1.8	161

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73	Constitutive differences in glucocorticoid responsiveness to stress are related to variation in aggression and anxiety-related behaviors. <i>Psychoneuroendocrinology</i> , 2017, 84, 1-10.	1.3	36
74	Acute stress alters individual risk taking in a time-dependent manner and leads to anti-social risk. <i>European Journal of Neuroscience</i> , 2017, 45, 877-885.	1.2	46
75	Structural and functional alterations in the prefrontal cortex after post-weaning social isolation: relationship with species-typical and deviant aggression. <i>Brain Structure and Function</i> , 2017, 222, 1861-1875.	1.2	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. <i>Journal of Vision</i> , 2017, 17, 1007.	0.1	0
78	Urolithin A induces mitophagy and prolongs lifespan in <i>C. elegans</i> and increases muscle function in rodents. <i>Nature Medicine</i> , 2016, 22, 879-888.	15.2	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. <i>Neurobiology of Learning and Memory</i> , 2016, 132, 1-8.	1.0	34
80	Emergence in extinction of enhanced and persistent responding to ambiguous aversive cues is associated with high MAOA activity in the prelimbic cortex. <i>Neurobiology of Stress</i> , 2016, 5, 1-7.	1.9	4
81	Effects of paternal and peripubertal stress on aggression, anxiety, and metabolic alterations in the lateral septum. <i>European Neuropsychopharmacology</i> , 2016, 26, 357-367.	0.3	33
82	Neuroigin-2 Expression in the Prefrontal Cortex is Involved in Attention Deficits Induced by Peripubertal Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 751-761.	2.8	31
83	Involvement of CRFR ₁ in the Basolateral Amygdala in the Immediate Fear Extinction Deficit. <i>ENeuro</i> , 2016, 3, ENEURO.0084-16.2016.	0.9	23
84	Detailed classification of swimming paths in the Morris Water Maze: multiple strategies within one trial. <i>Scientific Reports</i> , 2015, 5, 14562.	1.6	65
85	Stress pulls us apart: Anxiety leads to differences in competitive confidence under stress. <i>Psychoneuroendocrinology</i> , 2015, 54, 115-123.	1.3	85
86	The Programming of the Social Brain by Stress During Childhood and Adolescence: From Rodents to Humans. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 30, 411-429.	0.8	48
87	The effects of extrinsic stress on somatic markers and behavior are dependent on animal housing conditions. <i>Physiology and Behavior</i> , 2015, 151, 238-245.	1.0	16
88	Hippocampal neuroigin-2 links early-life stress with impaired social recognition and increased aggression in adult mice. <i>Psychoneuroendocrinology</i> , 2015, 55, 128-143.	1.3	63
89	Stress and the social brain: behavioural effects and neurobiological mechanisms. <i>Nature Reviews Neuroscience</i> , 2015, 16, 290-304.	4.9	442
90	Mitochondrial function in the brain links anxiety with social subordination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15486-15491.	3.3	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.	1.1	35
92	The genetics of social hierarchies. <i>Current Opinion in Behavioral Sciences</i> , 2015, 2, 52-57.	2.0	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.	1.4	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.	5.8	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.	2.4	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.	2.8	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.	0.3	0
98	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.3	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.	1.2	134
100	Social deficits induced by peripubertal stress in rats are reversed by resveratrol. <i>Journal of Psychiatric Research</i> , 2014, 57, 157-164.	1.5	22
101	CRHR1 links peripuberty stress with deficits in social and stress-coping behaviors. <i>Journal of Psychiatric Research</i> , 2014, 53, 1-7.	1.5	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.	1.5	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.	1.1	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.	1.3	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.	2.4	196
107	Stress and cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2013, 4, 245-261.	1.4	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.	0.5	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.	0.8	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.	1.2	3
111	Hippocampal Neuroligin-2 Overexpression Leads to Reduced Aggression and Inhibited Novelty Reactivity in Rats. <i>PLoS ONE</i> , 2013, 8, e56871.	1.1	46
112	A Key Role for Nectin-1 in the Ventral Hippocampus in Contextual Fear Memory. <i>PLoS ONE</i> , 2013, 8, e56897.	1.1	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.	1.0	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.	1.0	18
115	Facilitation of AMPA Receptor Synaptic Delivery as a Molecular Mechanism for Cognitive Enhancement. <i>PLoS Biology</i> , 2012, 10, e1001262.	2.6	43
116	Evidence for biological roots in the transgenerational transmission of intimate partner violence. <i>Translational Psychiatry</i> , 2012, 2, e106-e106.	2.4	70
117	Vulnerability of conditional NCAM-deficient mice to develop stress-induced behavioral alterations. <i>Stress</i> , 2012, 15, 195-206.	0.8	27
118	Social memories in rodents: Methods, mechanisms and modulation by stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1763-1772.	2.9	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.	1.0	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.	1.2	48
121	Trait anxiety and post-learning stress do not affect perceptual learning. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 246-253.	1.0	2
122	Different Emotional Disturbances in Two Experimental Models of Temporal Lobe Epilepsy in Rats. <i>PLoS ONE</i> , 2012, 7, e38959.	1.1	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.	1.3	73
124	Glucocorticoids act on glutamatergic pathways to affect memory processes. <i>Trends in Neurosciences</i> , 2011, 34, 165-176.	4.2	160
125	S.16.02 Stress effects on mood and sociability – cell adhesion molecules as molecular targets. <i>European Neuropsychopharmacology</i> , 2011, 21, S211.	0.3	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.	1.0	106

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127	Chronic Delivery of Antibody Fragments Using Immunoisolated Cell Implants as a Passive Vaccination Tool. <i>PLoS ONE</i> , 2011, 6, e18268.	1.1	7
128	Hippocampal-Dependent Spatial Memory in the Water Maze is Preserved in an Experimental Model of Temporal Lobe Epilepsy in Rats. <i>PLoS ONE</i> , 2011, 6, e22372.	1.1	109
129	A Peptide Mimetic Targeting Trans-Homophilic NCAM Binding Sites Promotes Spatial Learning and Neural Plasticity in the Hippocampus. <i>PLoS ONE</i> , 2011, 6, e23433.	1.1	21
130	Extending the impact of stress on hippocampal neurogenesis (Commentary on P. Van Bokhoven et al.). <i>European Journal of Neuroscience</i> , 2011, 33, 1832-1832.	1.2	0
131	Neuroplastin-65 and a mimetic peptide derived from its homophilic binding site modulate neurogenesis and neuronal plasticity. <i>Journal of Neurochemistry</i> , 2011, 117, 984-994.	2.1	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. <i>Molecular Psychiatry</i> , 2011, 16, 533-547.	4.1	81
133	Neural mechanisms and computations underlying stress effects on learning and memory. <i>Current Opinion in Neurobiology</i> , 2011, 21, 502-508.	2.0	59
134	Causal evidence for the involvement of the neural cell adhesion molecule, NCAM, in chronic stress-induced cognitive impairments. <i>Hippocampus</i> , 2011, 21, 56-71.	0.9	49
135	Healing anxiety disorders with glucocorticoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6343-6344.	3.3	2
136	Phosphoinositide-3-Kinase Activation Controls Synaptogenesis and Spinogenesis in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 2721-2733.	1.7	121
137	Evidence for a Role of Oxytocin Receptors in the Long-Term Establishment of Dominance Hierarchies. <i>Neuropsychopharmacology</i> , 2011, 36, 2349-2356.	2.8	64
138	Role of NCAM in Emotion and Learning. <i>Neurochemical Research</i> , 2010, , 271.	1.6	3
139	Regulation of brain-derived neurotrophic factor (BDNF) in the chronic unpredictable stress rat model and the effects of chronic antidepressant treatment. <i>Journal of Psychiatric Research</i> , 2010, 44, 808-816.	1.5	137
140	A role for glucocorticoids in the long-term establishment of a social hierarchy. <i>Psychoneuroendocrinology</i> , 2010, 35, 1543-1552.	1.3	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. <i>European Journal of Cell Biology</i> , 2010, 89, 817-827.	1.6	9
142	The role of NCAM in auditory fear conditioning and its modulation by stress: a focus on the amygdala. <i>Genes, Brain and Behavior</i> , 2010, 9, 353-364.	1.1	26
143	Differential impact of polysialyltransferase ST8Siall and ST8SiaIV knockout on social interaction and aggression. <i>Genes, Brain and Behavior</i> , 2010, 9, 958-967.	1.1	56
144	Neuroplastin-65 binds to and signals through the fibroblast growth factor receptor. <i>FASEB Journal</i> , 2010, 24, 1139-1150.	0.2	48

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145	Learning under stress: The inverted-U-shape function revisited. <i>Learning and Memory</i> , 2010, 17, 522-530.	0.5	207
146	Stress at Learning Facilitates Memory Formation by Regulating AMPA Receptor Trafficking Through a Glucocorticoid Action. <i>Neuropsychopharmacology</i> , 2010, 35, 674-685.	2.8	100
147	Role of NCAM in Emotion and Learning. <i>Advances in Experimental Medicine and Biology</i> , 2010, 663, 271-296.	0.8	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.	1.1	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.	1.2	31
150	From high anxiety trait to depression: a neurocognitive hypothesis. <i>Trends in Neurosciences</i> , 2009, 32, 312-320.	4.2	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.	1.0	76
152	Stress, genotype and norepinephrine in the prediction of mouse behavior using reinforcement learning. <i>Nature Neuroscience</i> , 2009, 12, 1180-1186.	7.1	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.	1.0	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.	1.2	77
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