Paul J Lucassen

List of Publications by Year
in descending order

234 papers	16,994 citations	10388 72 h-index	18128 120 g-index
257 all docs	257 docs citations	257 times ranked	17920 citing authors

#	Article	IF	Citations
1	An emerging role for microglia in stressâ€effects on memory. European Journal of Neuroscience, 2022, 55, 2491-2518.	2.6	23
2	The serum metabolome mediates the concert of diet, exercise, and neurogenesis, determining the risk for cognitive decline and dementia. Alzheimer's and Dementia, 2022, 18, 654-675.	0.8	12
3	Targeting working memory to modify emotional reactivity in adult attention deficit hyperactivity disorder: a functional magnetic resonance imaging study. Brain Imaging and Behavior, 2022, 16, 680-691.	2.1	2
4	How exposure to chronic stress contributes to the development of type 2 diabetes: A complexity science approach. Frontiers in Neuroendocrinology, 2022, 65, 100972.	5.2	15
5	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline. Alzheimer's Research and Therapy, 2022, 14, 1.	6.2	31
6	Hippocampal neuropathology in suicide: Gaps in our knowledge and opportunities for a breakthrough. Neuroscience and Biobehavioral Reviews, 2022, 132, 542-552.	6.1	9
7	Sex-dependence and comorbidities of the early-life adversity induced mental and metabolic disease risks: Where are we at?. Neuroscience and Biobehavioral Reviews, 2022, 138, 104627.	6.1	10
8	The gut microbiome and adult hippocampal neurogenesis: A new focal point for epilepsy?. Neurobiology of Disease, 2022, 170, 105746.	4.4	7
9	Multiple sclerosis and the microbiota. Evolution, Medicine and Public Health, 2022, 10, 277-294.	2.5	5
10	Early life stress amplifies fear responses and hippocampal synaptic potentiation in the APPswe/PS1dE9 Alzheimer mouse model. Neuroscience, 2021, 454, 151-161.	2.3	8
11	Introduction: The human hypothalamus and neuropsychiatric disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 182, 1-5.	1.8	2
12	Effects of Early-Life Stress, Postnatal Diet Modulation and Long-Term Western-Style Diet on Peripheral and Central Inflammatory Markers. Nutrients, 2021, 13, 288.	4.1	12
13	Introduction: The middle and posterior hypothalamus. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 1-4.	1.8	2
14	Preface. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 182, ix-xi.	1.8	0
15	Introduction: The anterior hypothalamus. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 3-5.	1.8	1
16	Early life stress decreases cell proliferation and the number of putative adult neural stem cells in the adult hypothalamus. Stress, 2021, 24, 189-195.	1.8	13
17	Modulation of the Hypothalamic Nutrient Sensing Pathways by Sex and Early-Life Stress. Frontiers in Neuroscience, 2021, 15, 695367.	2.8	8
18	The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379.	8.1	36

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19	Glucocorticoids Promote Fear Generalization by Increasing the Size of a Dentate Gyrus Engram Cell Population. Biological Psychiatry, 2021, 90, 494-504.	1.3	35
20	Early-life stress does not alter spatial memory performance, hippocampal neurogenesis, neuroinflammation, or telomere length in 20-month-old male mice. Neurobiology of Stress, 2021, 15, 100379.	4.0	4
21	Changes in glial gene expression in the prefrontal cortex in relation to major depressive disorder, suicide and psychotic features. Journal of Affective Disorders, 2021, 295, 893-903.	4.1	17
22	Preface. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, ix-xi.	1.8	0
23	Introduction: The human hypothalamus and neuroendocrine disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 181, 1-5.	1.8	3
24	Neurogenesis in the adult hypothalamus: A distinct form of structural plasticity involved in metabolic and circadian regulation, with potential relevance for human pathophysiology. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 125-140.	1.8	17
25	Early signature in the blood lipidome associated with subsequent cognitive decline in the elderly: A case-control analysis nested within the Three-City cohort study. EBioMedicine, 2021, 64, 103216.	6.1	20
26	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12â€Year Prospective Study. Molecular Nutrition and Food Research, 2021, 65, e2100606.	3.3	17
27	The social instability stress paradigm in rat and mouse: A systematic review of protocols, limitations, and recommendations. Neurobiology of Stress, 2021, 15, 100410.	4.0	12
28	Advancing urban mental health research: from complexity science to actionable targets for intervention. Lancet Psychiatry,the, 2021, 8, 991-1000.	7.4	41
29	A Randomized Controlled Trial on the Effects of a 12-Week High- vs. Low-Intensity Exercise Intervention on Hippocampal Structure and Function in Healthy, Young Adults. Frontiers in Psychiatry, 2021, 12, 780095.	2.6	8
30	Limits to human neurogenesisâ€”really?. Molecular Psychiatry, 2020, 25, 2207-2209.	7.9	42
31	Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain. Molecular Psychiatry, 2020, 25, 1382-1405.	7.9	58
32	Glucocorticoid and Î²â€adrenergic regulation of hippocampal dendritic spines. Journal of Neuroendocrinology, 2020, 32, e12811.	2.6	11
33	Prefrontal cortex alterations in glia gene expression in schizophrenia with and without suicide. Journal of Psychiatric Research, 2020, 121, 31-38.	3.1	30
34	Adult neurogenesis, human after all (again): Classic, optimized, and future approaches. Behavioural Brain Research, 2020, 381, 112458.	2.2	69
35	Reduced expression of the glucocorticoid receptor in the hippocampus of patients with drugâ€resistant temporal lobe epilepsy and comorbid depression. Epilepsia, 2020, 61, 1595-1605.	5.1	22
36	P.192 The association between stress-induced changes in prefrontal GABA levels and heart rate variability: a 7T 1H-MRS study. European Neuropsychopharmacology, 2020, 40, S111-S112.	0.7	0

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37	Early-life stress alters affective behaviors in adult mice through persistent activation of CRH-BDNF signaling in the oval bed nucleus of the stria terminalis. Translational Psychiatry, 2020, 10, 396.	4.8	19
38	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26
39	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 806.	3.7	11
40	Fatty Acids as Biomarkers of Neurogenesis and New Targets for Treatment of Depression. Biological Psychiatry, 2020, 87, S59.	1.3	0
41	Effects of 16 Weeks of Methylphenidate Treatment on Actigraph-Assessed Sleep Measures in Medication-Naive Children With ADHD. Frontiers in Psychiatry, 2020, 11, 82.	2.6	10
42	Characterization of astrocytes throughout life in wildtype and APP/PS1 mice after early-life stress exposure. Journal of Neuroinflammation, 2020, 17, 91.	7.2	23
43	Sex difference in glia gene expression in the dorsolateral prefrontal cortex in bipolar disorder: Relation to psychotic features. Journal of Psychiatric Research, 2020, 125, 66-74.	3.1	13
44	The influence of age-of-onset of antidepressant use on the acute CBF response to a citalopram challenge; a pharmacological MRI study. Psychiatry Research - Neuroimaging, 2020, 303, 111126.	1.8	2
45	The Effects of Early Life Stress, Postnatal Diet Modulation, and Long-Term Western-Style Diet on Later-Life Metabolic and Cognitive Outcomes. Nutrients, 2020, 12, 570.	4.1	15
46	Chronic Stress Induces Maladaptive Behaviors by Activating Corticotropin-Releasing Hormone Signaling in the Mouse Oval Bed Nucleus of the Stria Terminalis. Journal of Neuroscience, 2020, 40, 2519-2537.	3.6	34
47	Retinoic acid and depressive disorders: Evidence and possible neurobiological mechanisms. Neuroscience and Biobehavioral Reviews, 2020, 112, 376-391.	6.1	20
48	Increasing availability of ï‰â€3 fatty acid in the earlyâ€life diet prevents the earlyâ€life stressâ€induced cognitive impairments without affecting metabolic alterations. FASEB Journal, 2019, 33, 5729-5740.	0.5	36
49	Insult-induced aberrant hippocampal neurogenesis: Functional consequences and possible therapeutic strategies. Behavioural Brain Research, 2019, 372, 112032.	2.2	33
50	Early-life stress affects microglia, possible modulation by dietary fatty acids. European Neuropsychopharmacology, 2019, 29, S520-S521.	0.7	0
51	Dietâ€Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. Molecular Nutrition and Food Research, 2019, 63, e1900177.	3.3	40
52	Suicide Is a Confounder in Postmortem Studies on Depression. Biological Psychiatry, 2019, 86, e37-e40.	1.3	8
53	Early Life Adversity and Adult Social Behavior: Focus on Arginine Vasopressin and Oxytocin as Potential Mediators. Frontiers in Behavioral Neuroscience, 2019, 13, 143.	2.0	40
54	41. Early Nutritional Intervention Protects Against the Early-Life Stress Induced Cognitive Impairments. Biological Psychiatry, 2019, 85, S17.	1.3	0

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55	Co-administration of Anti microRNA-124 and -137 Oligonucleotides Prevents Hippocampal Neural Stem Cell Loss Upon Non-convulsive Seizures. Frontiers in Molecular Neuroscience, 2019, 12, 31.	2.9	17
56	Dose-dependent effects of the selective serotonin reuptake inhibitor citalopram: A combined SPECT and phMRI study. Journal of Psychopharmacology, 2019, 33, 660-669.	4.0	6
57	Treatment with the glutamate modulator riluzole prevents early life stress-induced cognitive deficits and impairments in synaptic plasticity in APPswe/PS1dE9 mice. Neuropharmacology, 2019, 150, 175-183.	4.1	30
58	Early life stress impairs fear memory and synaptic plasticity; a potential role for GluN2B. Neuropharmacology, 2019, 149, 195-203.	4.1	54
59	CAPON Is a Critical Protein in Synaptic Molecular Networks in the Prefrontal Cortex of Mood Disorder Patients and Contributes to Depression-Like Behavior in a Mouse Model. Cerebral Cortex, 2019, 29, 3752-3765.	2.9	12
60	The orphan nuclear receptor TLX: an emerging master regulator of cross-talk between microglia and neural precursor cells. Neuronal Signaling, 2019, 3, NS20180208.	3.2	5
61	Targeting glucocorticoid receptors prevents the effects of early life stress on amyloid pathology and cognitive performance in APP/PS1 mice. Translational Psychiatry, 2018, 8, 53.	4.8	52
62	Human Adult Neurogenesis: Evidence and Remaining Questions. Cell Stem Cell, 2018, 23, 25-30.	11.1	601
63	F153. The Effect of a 12-Week Aerobic Exercise Intervention on Neurometabolites in Young Healthy Adults Using 7T Magnetic Resonance Spectroscopy. Biological Psychiatry, 2018, 83, S297-S298.	1.3	0
64	Prefrontal alterations in GABAergic and glutamatergic gene expression in relation to depression and suicide. Journal of Psychiatric Research, 2018, 102, 261-274.	3.1	73
65	A preclinical perspective on the enhanced vulnerability to Alzheimer's disease after early-life stress. Neurobiology of Stress, 2018, 8, 172-185.	4.0	45
66	The age-related slow increase in amyloid pathology in APP.V717I mice activates microglia, but does not alter hippocampal neurogenesis. Neurobiology of Aging, 2018, 61, 112-123.	3.1	6
67	Effects of corticosterone on mild auditory fear conditioning and extinction; role of sex and training paradigm. Learning and Memory, 2018, 25, 544-549.	1.3	21
68	The absence of maternal pineal melatonin rhythm during pregnancy and lactation impairs offspring physical growth, neurodevelopment, and behavior. Hormones and Behavior, 2018, 105, 146-156.	2.1	48
69	Vulnerability and resilience to Alzheimerâ€™s disease: early life conditions modulate neuropathology and determine cognitive reserve. Alzheimer's Research and Therapy, 2018, 10, 95.	6.2	79
70	Stress and Corticosteroids Aggravate Morphological Changes in the Dentate Gyrus after Early-Life Experimental Febrile Seizures in Mice. Frontiers in Endocrinology, 2018, 9, 3.	3.5	18
71	Early-Life Stress Does Not Aggravate Spatial Memory or the Process of Hippocampal Neurogenesis in Adult and Middle-Aged APP/PS1 Mice. Frontiers in Aging Neuroscience, 2018, 10, 61.	3.4	13
72	Potentiation of antiseizure and neuroprotective efficacy of standard nerve agent treatment by addition of tariquidar. NeuroToxicology, 2018, 68, 167-176.	3.0	5

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73	Serotonin transporter occupancy by the SSRI citalopram predicts default-mode network connectivity. European Neuropsychopharmacology, 2018, 28, 1173-1179.	0.7	15
74	T138. Serotonin Transporter Occupancy Predicts Default-Mode Network Connectivity: A SPECT and Resting-State fMRI Study. Biological Psychiatry, 2018, 83, S182.	1.3	0
75	Effects of early-life stress on cognitive function and hippocampal structure in female rodents. Neuroscience, 2017, 342, 101-119.	2.3	85
76	Early-life stress lastingly alters the neuroinflammatory response to amyloid pathology in an Alzheimerâ€™s disease mouse model. Brain, Behavior, and Immunity, 2017, 63, 160-175.	4.1	107
77	Early life adversity: Lasting consequences for emotional learning. Neurobiology of Stress, 2017, 6, 14-21.	4.0	91
78	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
79	Age-dependent, lasting effects of methylphenidate on the GABAergic system of ADHD patients. NeuroImage: Clinical, 2017, 15, 812-818.	2.7	25
80	Earlyâ€life stress diminishes the increase in neurogenesis after exercise in adult female mice. Hippocampus, 2017, 27, 839-844.	1.9	21
81	Transcription factor oscillations in neural stem cells: Implications for accurate control of gene expression. Neurogenesis (Austin, Tex), 2017, 4, e1262934.	1.5	8
82	Exposure to chronic early-life stress lastingly alters the adipose tissue, the leptin system and changes the vulnerability to western-style diet later in life in mice. Psychoneuroendocrinology, 2017, 77, 186-195.	2.7	72
83	Ghrelin and hypothalamic NPY/AgRP expression in mice are affected by chronic early-life stress exposure in a sex-specific manner. Psychoneuroendocrinology, 2017, 86, 73-77.	2.7	39
84	Enduring effects of methylphenidate on sleep in children with attention-deficit/hyperactivity disorder: a double-blind randomized controlled trial. European Neuropsychopharmacology, 2017, 27, S1111-S1112.	0.7	1
85	Early Life Stress- and Sex-Dependent Effects on Hippocampal Neurogenesis. , 2017, , 135-146.		4
86	Early micronutrient supplementation protects against early stressâ€induced cognitive impairments. FASEB Journal, 2017, 31, 505-518.	0.5	49
87	Non-invasive magnetic resonance imaging of human serotonin function: dose-dependent effects of citalopram. European Neuropsychopharmacology, 2017, 27, S707-S708.	0.7	0
88	Early postnatal handling reduces hippocampal amyloid plaque formation and enhances cognitive performance in APPswe/PS1dE9 mice at middle age. Neurobiology of Learning and Memory, 2017, 144, 27-35.	1.9	25
89	Repeated dexamphetamine treatment alters the dopaminergic system and increases the phMRI response to methylphenidate. PLoS ONE, 2017, 12, e0172776.	2.5	7
90	Aerobic Exercise as a Tool to Improve Hippocampal Plasticity and Function in Humans: Practical Implications for Mental Health Treatment. Frontiers in Human Neuroscience, 2016, 10, 373.	2.0	98

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91	Microglial Priming and Alzheimerâ€™s Disease: A Possible Role for (Early) Immune Challenges and Epigenetics?. Frontiers in Human Neuroscience, 2016, 10, 398.	2.0	79
92	The Indispensable Roles of Microglia and Astrocytes during Brain Development. Frontiers in Human Neuroscience, 2016, 10, 566.	2.0	411
93	Chronic retinoic acid treatment suppresses adult hippocampal neurogenesis, in close correlation with depressive-like behavior. Hippocampus, 2016, 26, 911-923.	1.9	28
94	Stress, hippocampal neurogenesis and cognition: functional correlations. Frontiers in Biology, 2016, 11, 182-192.	0.7	15
95	Prefrontal changes in the glutamate-glutamine cycle and neuronal/glial glutamate transporters in depression with and without suicide. Journal of Psychiatric Research, 2016, 82, 8-15.	3.1	66
96	Circadian and ultradian glucocorticoid rhythmicity: Implications for the effects of glucocorticoids on neural stem cells and adult hippocampal neurogenesis. Frontiers in Neuroendocrinology, 2016, 41, 44-58.	5.2	46
97	Age-Dependent Effects of Methylphenidate on the Human Dopaminergic System in Young vs Adult Patients With Attention-Deficit/Hyperactivity Disorder. JAMA Psychiatry, 2016, 73, 955.	11.0	56
98	Adult Neurogenesis, Chronic Stress and Depression. , 2016, , 177-206.		5
99	Multi-omics profile of the mouse dentate gyrus after kainic acid-induced status epilepticus. Scientific Data, 2016, 3, 160068.	5.3	24
100	Depression as a risk factor for Alzheimerâ€™s disease: Genes, steroids, cytokines and neurogenesis â€“ What do we need to know?. Frontiers in Neuroendocrinology, 2016, 41, 153-171.	5.2	102
101	Positive and negative early life experiences differentially modulate long term survival and amyloid protein levels in a mouse model of Alzheimer's disease. Oncotarget, 2016, 7, 39118-39135.	1.8	46
102	MicroRNA-124 and -137 cooperativity controls caspase-3 activity through BCL2L13 in hippocampal neural stem cells. Scientific Reports, 2015, 5, 12448.	3.3	63
103	How the Body Talks to the Brain; Peripheral Mediators of Physical Activity-Induced Proliferation in the Adult Hippocampus. Brain Plasticity, 2015, 1, 5-27.	3.5	35
104	Brain region-specific gene expression profiles in freshly isolated rat microglia. Frontiers in Cellular Neuroscience, 2015, 9, 84.	3.7	85
105	The interplay of early-life stress, nutrition, and immune activation programs adult hippocampal structure and function. Frontiers in Molecular Neuroscience, 2015, 7, 103.	2.9	64
106	Big Five Personality and Medically Unexplained Symptoms in Later Life. American Journal of Geriatric Psychiatry, 2015, 23, S76-S78.	1.2	1
107	Accurate measurement of the essential micronutrients methionine, homocysteine, vitamins B6, B12, B9 and their metabolites in plasma, brain and maternal milk of mice using LC/MS ion trap analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 998-999, 106-113.	2.3	18
108	Effects of long-term methylphenidate treatment in adolescent and adult rats on hippocampal shape, functional connectivity and adult neurogenesis. Neuroscience, 2015, 309, 243-258.	2.3	23

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109	Early-life adversity programs emotional functions and the neuroendocrine stress system: the contribution of nutrition, metabolic hormones and epigenetic mechanisms. Stress, 2015, 18, 328-342.	1.8	59
110	Regulation of Adult Neurogenesis and Plasticity by (Early) Stress, Glucocorticoids, and Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a021303.	5.5	123
111	Dopaminergic System Dysfunction in Recreational Dexamphetamine Users. Neuropsychopharmacology, 2015, 40, 1172-1180.	5.4	25
112	Chronic early life stress alters developmental and adult neurogenesis and impairs cognitive function in mice. Hippocampus, 2015, 25, 309-328.	1.9	232
113	Overexpression of Mineralocorticoid Receptors Partially Prevents Chronic Stress-Induced Reductions in Hippocampal Memory and Structural Plasticity. PLoS ONE, 2015, 10, e0142012.	2.5	24
114	Depletion of FKBP51 in Female Mice Shapes HPA Axis Activity. PLoS ONE, 2014, 9, e95796.	2.5	31
115	Effects of Chronic Fluoxetine Treatment on Neurogenesis and Tryptophan Hydroxylase Expression in Adolescent and Adult Rats. PLoS ONE, 2014, 9, e97603.	2.5	51
116	Age- and Sex-Dependent Effects of Early Life Stress on Hippocampal Neurogenesis. Frontiers in Endocrinology, 2014, 5, 13.	3.5	98
117	Proliferation in the Alzheimer Hippocampus Is due to Microglia, Not Astroglia, and Occurs at Sites of Amyloid Deposition. Neural Plasticity, 2014, 2014, 1-12.	2.2	66
118	Environmental Control of Adult Neurogenesis: From Hippocampal Homeostasis to Behavior and Disease. Neural Plasticity, 2014, 2014, 1-3.	2.2	12
119	Hippocampal Proliferation Is Increased in Presymptomatic Parkinsonâ€™s Disease and due to Microglia. Neural Plasticity, 2014, 2014, 1-13.	2.2	20
120	Long-Term Oral Methylphenidate Treatment in Adolescent and Adult Rats: Differential Effects on Brain Morphology and Function. Neuropsychopharmacology, 2014, 39, 263-273.	5.4	32
121	Increased Amoeboid Microglial Density in the Olfactory Bulb of <scp>P</scp>arkinson's and <scp>A</scp>lzheimer's Patients. Brain Pathology, 2014, 24, 152-165.	4.1	70
122	Distribution of the glucocorticoid receptor in the human amygdala; changes in mood disorder patients. Brain Structure and Function, 2014, 219, 1615-1626.	2.3	82
123	Different subsets of newborn granule cells: a possible role in epileptogenesis?. European Journal of Neuroscience, 2014, 39, 1-11.	2.6	48
124	Neuropathology of stress. Acta Neuropathologica, 2014, 127, 109-135.	7.7	331
125	The microtubule destabilizing protein stathmin controls the transition from dividing neuronal precursors to postmitotic neurons during adult hippocampal neurogenesis. Developmental Neurobiology, 2014, 74, 1226-1242.	3.0	24
126	Epigenetic regulation of adult neural stem cells: implications for Alzheimerâ€™s disease. Molecular Neurodegeneration, 2014, 9, 25.	10.8	55

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127	Microglial phenotypes and toll-like receptor 2 in the substantia nigra and hippocampus of incidental Lewy body disease cases and Parkinsonâ€™s disease patients. Acta Neuropathologica Communications, 2014, 2, 90.	5.2	140
128	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. Trends in Neurosciences, 2013, 36, 621-631.	8.6	157
129	Glucocorticoid receptor protein expression in human hippocampus; stability with age. Neurobiology of Aging, 2013, 34, 1662-1673.	3.1	116
130	Aberrant stress hormone receptor balance in the human prefrontal cortex and hypothalamic paraventricular nucleus of depressed patients. Psychoneuroendocrinology, 2013, 38, 863-870.	2.7	83
131	P.2.009 Effect of early life experiences on brain structure and function: neurogenesis and decision making. European Neuropsychopharmacology, 2013, 23, S33-S34.	0.7	0
132	Stressing new neurons into depression?. Molecular Psychiatry, 2013, 18, 396-397.	7.9	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.	7.9	129
134	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.	7.1	105
135	Prolonged Running, not Fluoxetine Treatment, Increases Neurogenesis, but does not Alter Neuropathology, in the 3xTg Mouse Model of Alzheimerâ€™s Disease. Current Topics in Behavioral Neurosciences, 2013, 15, 313-340.	1.7	85
136	All-trans retinoic acid-induced hypothalamusâ€“pituitaryâ€“adrenal hyperactivity involves glucocorticoid receptor dysregulation. Translational Psychiatry, 2013, 3, e336-e336.	4.8	35
137	Consequences of Early-Life Experiences on Cognition and Emotion. , 2013, , .		2
138	Inhibition of adult neurogenesis through ERK5 knockdown impairs complex hippocampus-dependent spatial memory tasks. Future Neurology, 2012, 7, 531-535.	0.5	2
139	Hippocampal GR expression is increased in elderly depressed females. Neuropharmacology, 2012, 62, 527-533.	4.1	42
140	Maternal deprivation and dendritic complexity in the basolateral amygdala. Neuropharmacology, 2012, 62, 534-537.	4.1	29
141	Emerging roles of microglial activation and non-motor symptoms in Parkinson's disease. Progress in Neurobiology, 2012, 98, 222-238.	5.7	84
142	Early-life stress mediated modulation of adult neurogenesis and behavior. Behavioural Brain Research, 2012, 227, 400-409.	2.2	167
143	Acute effects of neonatal dexamethasone treatment on proliferation and astrocyte immunoreactivity in hippocampus and corpus callosum: Towards a rescue strategy. Brain Research, 2012, 1482, 1-12.	2.2	21
144	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

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145	New Neurons in Aging Brains: Molecular Control by Small Non-Coding RNAs. Frontiers in Neuroscience, 2012, 6, 25.	2.8	61
146	Running throughout middleâ€age improves memory function, hippocampal neurogenesis, and BDNF levels in female C57BL/6J mice. Developmental Neurobiology, 2012, 72, 943-952.	3.0	261
147	Doublecortin and doublecortinâ€like are expressed in overlapping and nonâ€overlapping neuronal cell population: Implications for neurogenesis. Journal of Comparative Neurology, 2012, 520, 2805-2823.	1.6	62
148	Doublecortin and doublecortin-like are expressed in overlapping and non-overlapping neuronal cell population: Implications for neurogenesis. Journal of Comparative Neurology, 2012, 520, Spc1-Spc1.	1.6	1
149	The transcriptional response to chronic stress and glucocorticoid receptor blockade in the hippocampal dentate gyrus. Hippocampus, 2012, 22, 359-371.	1.9	81
150	Cholinergic influences on cortical development and adult neurogenesis. Behavioural Brain Research, 2011, 221, 379-388.	2.2	92
151	Presenilin mouse and zebrafish models for dementia: Focus on neurogenesis. Progress in Neurobiology, 2011, 93, 149-164.	5.7	34
152	Chronic sleep restriction causes a decrease in hippocampal volume in adolescent rats, which is not explained by changes in glucocorticoid levels or neurogenesis. Neuroscience, 2011, 190, 145-155.	2.3	84
153	Distinct structural plasticity in the hippocampus and amygdala of the middle-aged common marmoset (Callithrix jacchus). Experimental Neurology, 2011, 230, 291-301.	4.1	50
154	Reduction in hippocampal neurogenesis after social defeat is long-lasting and responsive to late antidepressant treatment. European Journal of Neuroscience, 2011, 33, 1833-1840.	2.6	121
155	Sex Differences in Adolescent Depression: Do Sex Hormones Determine Vulnerability?. Journal of Neuroendocrinology, 2011, 23, 383-392.	2.6	108
156	Nuclear receptors and microRNAs: Who regulates the regulators in neural stem cells?. FEBS Letters, 2011, 585, 717-722.	2.8	16
157	Age-related changes of neuron numbers in the frontal cortex of a transgenic mouse model of Alzheimerâ€™s disease. Brain Structure and Function, 2011, 216, 227-237.	2.3	29
158	Early maternal deprivation affects dentate gyrus structure and emotional learning in adult female rats. Psychopharmacology, 2011, 214, 249-260.	3.1	115
159	The origin and development of plaques and phosphorylated tau are associated with axonopathy in Alzheimerâ€™s disease. Neuroscience Bulletin, 2011, 27, 287-299.	2.9	32
160	Accumulation of intraneuronal AÎ² correlates with ApoE4 genotype. Acta Neuropathologica, 2010, 119, 555-566.	7.7	94
161	Pyroglutamate Abeta pathology in APP/PS1KI mice, sporadic and familial Alzheimerâ€™s disease cases. Journal of Neural Transmission, 2010, 117, 85-96.	2.8	87
162	Comparison of neurogenic effects of fluoxetine, duloxetine and running in mice. Brain Research, 2010, 1341, 93-99.	2.2	87

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163	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.	2.5	73
164	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
165	Neurogenesis and Alzheimers Disease: Biology and Pathophysiology in Mice and Men. Current Alzheimer Research, 2010, 7, 113-125.	1.4	80
166	Decreased numbers of progenitor cells but no response to antidepressant drugs in the hippocampus of elderly depressed patients. Neuropharmacology, 2010, 58, 940-949.	4.1	187
167	Regulation of adult neurogenesis by stress, sleep disruption, exercise and inflammation: Implications for depression and antidepressant actionâ¯†. European Neuropsychopharmacology, 2010, 20, 1-17.	0.7	391
168	Opposite Effects of Early Maternal Deprivation on Neurogenesis in Male versus Female Rats. PLoS ONE, 2009, 4, e3675.	2.5	165
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