

# Boldizar Czeh

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

7,758  
citations

71102

41  
h-index

74163

75  
g-index

80  
all docs

80  
docs citations

80  
times ranked

8767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel drug developmental strategies for treatment-resistant depression. <i>British Journal of Pharmacology</i> , 2022, 179, 1146-1186.	5.4	34
2	Experimental Arthritis Inhibits Adult Hippocampal Neurogenesis in Mice. <i>Cells</i> , 2022, 11, 791.	4.1	5
3	A Preliminary Quantitative Electron Microscopic Analysis Reveals Reduced Number of Mitochondria in the Infralimbic Cortex of Rats Exposed to Chronic Mild Stress. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	2.0	2
4	Mossy cells of the dentate gyrus: Drivers or inhibitors of epileptic seizures?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119279.	4.1	4
5	Benefits of animal models to understand the pathophysiology of depressive disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110049.	4.8	14
6	Childhood maltreatment results in altered deactivation of reward processing circuits in depressed patients: A functional magnetic resonance imaging study of a facial emotion recognition task. <i>Neurobiology of Stress</i> , 2021, 15, 100399.	4.0	11
7	Examining the Relationship Between Executive Functions and Mentalizing Abilities of Patients With Borderline Personality Disorder. <i>Frontiers in Psychology</i> , 2020, 11, 1583.	2.1	9
8	Stress-Induced Microstructural Alterations Correlate With the Cognitive Performance of Rats: A Longitudinal in vivo Diffusion Tensor Imaging Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 474.	2.8	6
9	Stress-Induced Morphological, Cellular and Molecular Changes in the Brain—Lessons Learned from the Chronic Mild Stress Model of Depression. <i>Cells</i> , 2020, 9, 1026.	4.1	34
10	Examining the Influence of Early Life Stress on Serum Lipid Profiles and Cognitive Functioning in Depressed Patients. <i>Frontiers in Psychology</i> , 2019, 10, 1798.	2.1	21
11	Much More Than a Pleasant Scent: A Review on Essential Oils Supporting the Immune System. <i>Molecules</i> , 2019, 24, 4530.	3.8	48
12	Childhood Adversity Impairs Theory of Mind Abilities in Adult Patients With Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 867.	2.6	14
13	Experimental Animal Models for Depressive Disorders: Relevance to Drug Discovery. , 2018, , 221-231.		0
14	Theory of mind disturbances in borderline personality disorder: A meta-analysis. <i>Psychiatry Research</i> , 2018, 270, 143-153.	3.3	61
15	Long-Term Stress and Concomitant Marijuana Smoke Exposure Affect Physiology, Behavior and Adult Hippocampal Neurogenesis. <i>Frontiers in Pharmacology</i> , 2018, 9, 786.	3.5	16
16	Reduced Synapse and Axon Numbers in the Prefrontal Cortex of Rats Subjected to a Chronic Stress Model for Depression. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 24.	3.7	72
17	Long-Term Stress Disrupts the Structural and Functional Integrity of GABAergic Neuronal Networks in the Medial Prefrontal Cortex of Rats. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 148.	3.7	87
18	Clinical Findings Documenting Cellular and Molecular Abnormalities of Glia in Depressive Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 56.	2.9	44

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19	Electron Microscopic Analysis of Hippocampal Axo-Somatic Synapses in a Chronic Stress Model for Depression. <i>Hippocampus</i> , 2017, 27, 17-27.	1.9	27
20	Chronic stress affects the number of GABAergic neurons in the orbitofrontal cortex of rats. <i>Behavioural Brain Research</i> , 2017, 316, 104-114.	2.2	35
21	Low intensity, long term exposure to tobacco smoke inhibits hippocampal neurogenesis in adult mice. <i>Behavioural Brain Research</i> , 2016, 302, 44-52.	2.2	18
22	Animal models of major depression and their clinical implications. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 293-310.	4.8	276
23	Regulation of Adult Neurogenesis and Plasticity by (Early) Stress, Glucocorticoids, and Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a021303.	5.5	123
24	Chronic stress reduces the number of GABAergic interneurons in the adult rat hippocampus, dorsal-ventral and region-specific differences. <i>Hippocampus</i> , 2015, 25, 393-405.	1.9	115
25	Neuropathology of stress. <i>Acta Neuropathologica</i> , 2014, 127, 109-135.	7.7	331
26	Antidepressants act directly on astrocytes: Evidences and functional consequences. <i>European Neuropsychopharmacology</i> , 2013, 23, 171-185.	0.7	111
27	Number and regional distribution of GAD65 mRNA-expressing interneurons in the rat hippocampal formation. <i>Acta Biologica Hungarica</i> , 2013, 64, 395-413.	0.7	13
28	Altered Glial Plasticity in Animal Models for Mood Disorders. <i>Current Drug Targets</i> , 2013, 14, 1249-1261.	2.1	21
29	Talking to the Synapse: How Antidepressants Can Target Glial Cells to Reshape Brain Circuits. <i>Current Drug Targets</i> , 2013, 14, 1329-1335.	2.1	19
30	Visualizing dopamine transporter integrity with iodine-123-FP-CIT SPECT in combination with high resolution MRI in the brain of the common marmoset monkey. <i>Journal of Neuroscience Methods</i> , 2012, 210, 195-201.	2.5	8
31	Chronic restraint stress impairs endocannabinoid mediated suppression of GABAergic signaling in the hippocampus of adult male rats. <i>Brain Research Bulletin</i> , 2011, 85, 374-379.	3.0	45
32	Distinct structural plasticity in the hippocampus and amygdala of the middle-aged common marmoset ( <i>Callithrix jacchus</i> ). <i>Experimental Neurology</i> , 2011, 230, 291-301.	4.1	50
33	Quantitative changes in hippocampal microvasculature of chronically stressed rats: No effect of fluoxetine treatment. <i>Hippocampus</i> , 2010, 20, 174-185.	1.9	43
34	Stress Impairs GABAergic Network Function in the Hippocampus by Activating Nongenomic Glucocorticoid Receptors and Affecting the Integrity of the Parvalbumin-Expressing Neuronal Network. <i>Neuropsychopharmacology</i> , 2010, 35, 1693-1707.	5.4	211
35	Regulation of adult neurogenesis by stress, sleep disruption, exercise and inflammation: Implications for depression and antidepressant action. <i>European Neuropsychopharmacology</i> , 2010, 20, 1-17.	0.7	391
36	Hemispheric differences in basilar dendrites and spines of pyramidal neurons in the rat prelimbic cortex: activity- and stress-induced changes. <i>European Journal of Neuroscience</i> , 2009, 29, 738-747.	2.6	46

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37	Diurnal rhythm and stress regulate dendritic architecture and spine density of pyramidal neurons in the rat infralimbic cortex. <i>Behavioural Brain Research</i> , 2009, 205, 406-413.	2.2	59
38	Chronic social instability stress in female rats: A potential animal model for female depression. <i>Neuroscience</i> , 2009, 159, 982-992.	2.3	125
39	Calretinin expression in hilar mossy cells of the hippocampal dentate gyrus of nonhuman primates and humans. <i>Hippocampus</i> , 2008, 18, 425-434.	1.9	24
40	SONU20176289, a compound combining partial dopamine D2 receptor agonism with specific serotonin reuptake inhibitor activity, affects neuroplasticity in an animal model for depression. <i>European Journal of Pharmacology</i> , 2008, 598, 43-50.	3.5	15
41	Chronic psychosocial stress affects corticotropin-releasing factor in the paraventricular nucleus and central extended amygdala as well as urocortin 1 in the non-preganglionic Edinger-Westphal nucleus of the tree shrew. <i>Psychoneuroendocrinology</i> , 2008, 33, 741-754.	2.7	44
42	Chronic stress-induced cellular changes in the medial prefrontal cortex and their potential clinical implications: Does hemisphere location matter?. <i>Behavioural Brain Research</i> , 2008, 190, 1-13.	2.2	98
43	Chronic Social Stress Inhibits Cell Proliferation in the Adult Medial Prefrontal Cortex: Hemispheric Asymmetry and Reversal by Fluoxetine Treatment. <i>Neuropsychopharmacology</i> , 2007, 32, 1490-1503.	5.4	314
44	What causes the hippocampal volume decrease in depression?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 250-260.	3.2	358
45	Remodeling of neuronal networks by stress. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2746.	3.0	106
46	Differential Macrophage/Microglia Activation in Neocortical EAE Lesions in the Marmoset Monkey. <i>Brain Pathology</i> , 2006, 16, 117-123.	4.1	54
47	Differential expression of major histocompatibility complex class I molecules in the brain of a New World monkey, the common marmoset ( <i>Callithrix jacchus</i> ). <i>Journal of Neuroimmunology</i> , 2006, 176, 39-50.	2.3	26
48	Monitoring of EAE onset and progression in the common marmoset monkey by sequential high-resolution 3D MRI. <i>NMR in Biomedicine</i> , 2006, 19, 41-49.	2.8	32
49	Stress, Depression and Hippocampal Apoptosis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2006, 5, 531-546.	1.4	201
50	Myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis in the common marmoset reflects the immunopathology of pattern II multiple sclerosis lesions. <i>Multiple Sclerosis Journal</i> , 2006, 12, 369-374.	3.0	42
51	NK1 receptor antagonists under investigation for the treatment of affective disorders. <i>Expert Opinion on Investigational Drugs</i> , 2006, 15, 479-486.	4.1	31
52	Astroglial Plasticity in the Hippocampus is Affected by Chronic Psychosocial Stress and Concomitant Fluoxetine Treatment. <i>Neuropsychopharmacology</i> , 2006, 31, 1616-1626.	5.4	388
53	Age-dependent susceptibility of adult hippocampal cell proliferation to chronic psychosocial stress. <i>Brain Research</i> , 2005, 1049, 244-248.	2.2	83
54	Preclinical approaches to examine novel concepts of the pathophysiology of depressive disorders: lessons learned from tree shrews. <i>Drug Development Research</i> , 2005, 65, 309-317.	2.9	4

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55	Examining SLV-323, a novel NK1 receptor antagonist, in a chronic psychosocial stress model for depression. <i>Psychopharmacology</i> , 2005, 180, 548-557.	3.1	29
56	Chronic psychosocial stress in tree shrews: effect of the substance P (NK1 receptor) antagonist L-760735 and clomipramine on endocrine and behavioral parameters. <i>Psychopharmacology</i> , 2005, 181, 207-216.	3.1	24
57	Adult neurogenesis in rodents and primates: functional implications. <i>Handbook of Behavioral Neuroscience</i> , 2005, 15, 711-727.	0.0	1
58	Chronic Stress Decreases the Number of Parvalbumin-Immunoreactive Interneurons in the Hippocampus: Prevention by Treatment with a Substance P Receptor (NK1) Antagonist. <i>Neuropsychopharmacology</i> , 2005, 30, 67-79.	5.4	123
59	Mossy cells and different subpopulations of pyramidal neurons are immunoreactive for cocaine- and amphetamine-regulated transcript peptide in the hippocampal formation of non-human primates and tree shrew ( <i>Tupaia belangeri</i> ). <i>Neuroscience</i> , 2005, 136, 231-240.	2.3	12
60	Homeostatic maintenance in excitability of tree shrew hippocampal CA3 pyramidal neurons after chronic stress. <i>Hippocampus</i> , 2004, 14, 742-751.	1.9	42
61	Antidepressant treatment with tianeptine reduces apoptosis in the hippocampal dentate gyrus and temporal cortex. <i>Biological Psychiatry</i> , 2004, 55, 789-796.	1.3	181
62	Alterations of neuroplasticity in depression: the hippocampus and beyond. <i>European Neuropsychopharmacology</i> , 2004, 14, S481-S490.	0.7	213
63	Examining novel concepts of the pathophysiology of depression in the chronic psychosocial stress paradigm in tree shrews. <i>Behavioural Pharmacology</i> , 2004, 15, 315-325.	1.7	65
64	Safety aspects of chronic low-frequency transcranial magnetic stimulation based on localized proton magnetic resonance spectroscopy and histology of the rat brain. <i>Journal of Psychiatric Research</i> , 2003, 37, 277-286.	3.1	60
65	Prenatal stress diminishes neurogenesis in the dentate gyrus of juvenile Rhesus monkeys. <i>Biological Psychiatry</i> , 2003, 54, 1025-1034.	1.3	408
66	Hippocampal network patterns of activity in the mouse. <i>Neuroscience</i> , 2003, 116, 201-211.	2.3	414
67	Chronic psychosocial stress and concomitant repetitive transcranial magnetic stimulation: effects on stress hormone levels and adult hippocampal neurogenesis. <i>Biological Psychiatry</i> , 2002, 52, 1057-1065.	1.3	305
68	The relationship between predisposing factors, premorbid function and symptom dimensions in psychosis: an integrated approach. <i>European Psychiatry</i> , 2002, 17, 311-320.	0.2	29
69	The prototypic mineralocorticoid receptor agonist aldosterone influences neurogenesis in the dentate gyrus of the adrenalectomized rat. <i>Brain Research</i> , 2002, 947, 290-293.	2.2	46
70	SHORT COMMUNICATION Selective enhancement of spatial learning under chronic psychosocial stress. <i>European Journal of Neuroscience</i> , 2002, 15, 1863-1866.	2.6	85
71	Substance P receptor antagonist and clomipramine prevent stress-induced alterations in cerebral metabolites, cytochrome in the dentate gyrus and hippocampal volume. <i>Molecular Psychiatry</i> , 2002, 7, 933-941.	7.9	145
72	Effect of Neonatal Dentate Gyrus Lesion on Allothetic and Idiothetic Navigation in Rats. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 190-213.	1.9	23

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73	Chronic psychosocial stress differentially affects apoptosis in hippocampal subregions and cortex of the adult tree shrew. <i>European Journal of Neuroscience</i> , 2001, 14, 161-166.	2.6	136
74	Stress-induced changes in cerebral metabolites, hippocampal volume, and cell proliferation are prevented by antidepressant treatment with tianeptine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12796-12801.	7.1	965
75	Residual granule cells can maintain susceptibility of CA3 pyramidal cells to kainate-induced epileptiform discharges. , 1998, 8, 548-561.		5
76	Lateralized fascia dentata lesion and blockade of one hippocampus: Effect on spatial memory in rats. , 1998, 8, 647-650.		17
77	Severe spatial navigation deficit in the Morris water maze after single high dose of neonatal x-ray irradiation in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2766-2771.	7.1	60