

# CITATION REPORT

List of articles citing

Prominent reduction in pyramidal neurons density in the orbitofrontal cortex of elderly depressed patients

DOI: 10.1016/j.biopsych.2005.04.013  
Biological Psychiatry, 2005, 58, 297-306.

**Source:** <https://exaly.com/paper-pdf/39441813/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
127	Research in Geriatric Depression: A Model for Mental Health Research in the 21st Century?. <b>2005</b> , 13, 829-833		1
126	[Depression and electroconvulsive therapy in elderly subjects]. <b>2006</b> , 126, 493-4		0
125	Structural neuroimaging in geriatric psychiatry. <b>2006</b> , 14, 809-11		3
124	Reduced glial and neuronal packing density in the orbitofrontal cortex in alcohol dependence and its relationship with suicide and duration of alcohol dependence. <b>2006</b> , 30, 1845-55		74
123	Current awareness in geriatric psychiatry. <b>2006</b> , 21, 299-306		
122	The genomics of mood disorders. <b>2006</b> , 158, 129-39		
121	PET and SPET molecular imaging: focus on serotonin system. <b>2006</b> , 6, 2027-34		16
120	GABAergic neurons immunoreactive for calcium binding proteins are reduced in the prefrontal cortex in major depression. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 471-82	8.7	299
119	Translational research in late-life mood disorders: implications for future intervention and prevention research. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 1857-75	8.7	37
118	Age differences in emotion recognition skills and the visual scanning of emotion faces. <b>2007</b> , 62, P53-60		119
117	Distribution of ICAM-1 immunoreactivity during aging in the human orbitofrontal cortex. <b>2007</b> , 21, 100-11		23
116	Clinicopathological findings of suicide in the elderly: three cases. <b>2007</b> , 37, 648-58		9
115	Neuroanatomical characteristics of geriatric apathy and depression: a magnetic resonance imaging study. <b>2007</b> , 15, 386-94		98
114	Gliogenesis and glial pathology in depression. <b>2007</b> , 6, 219-33		416
113	Chronic stress: implications for neuronal morphology, function and neurogenesis. <b>2007</b> , 28, 72-96		274
112	Orbitofrontal cortex function and structure in depression. <b>2007</b> , 1121, 499-527		291
111	The rat orbital and agranular insular prefrontal cortical areas: a cytoarchitectonic and chemoarchitectonic study. <b>2008</b> , 212, 387-401		57

110	A meta-analytic review of emotion recognition and aging: implications for neuropsychological models of aging. <b>2008</b> , 32, 863-81		549
109	Applying neuroimaging ligands to study major depressive disorder. <b>2008</b> , 38, 287-304		50
108	Dual constraints on synapse formation and regression in schizophrenia: neuregulin, neuroligin, dysbindin, DISC1, MuSK and agrin. <b>2008</b> , 42, 662-77		24
107	An olfactory reference syndrome successfully treated by aripiprazole augmentation of antidepressant therapy. <b>2008</b> , 21, 258-60		11
106	Frontal white matter anisotropy and antidepressant remission in late-life depression. <b>2008</b> , 3, e3267		78
105	Elevated levels of NR2A and PSD-95 in the lateral amygdala in depression. <b>2009</b> , 12, 143-53		89
104	Biochemical abnormalities of the medial temporal lobe and medial prefrontal cortex in late-life depression. <b>2009</b> , 172, 49-54		32
103	Through the looking glass: examining neuroanatomical evidence for cellular alterations in major depression. <i>Journal of Psychiatric Research</i> , <b>2009</b> , 43, 947-61	5.2	116
102	Demonstration of disturbed activity of orbitofrontal pyramidal neurons in depressed patients by the AgNOR staining method. <b>2009</b> , 118, 131-8		13
101	Reductions in neuronal density in elderly depressed are region specific. <b>2009</b> , 24, 856-64		16
100	Altered expression of genes involved in ATP biosynthesis and GABAergic neurotransmission in the ventral prefrontal cortex of suicides with and without major depression. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 175-89	15.1	212
99	Reduced levels of NR2A and NR2B subunits of NMDA receptor and PSD-95 in the prefrontal cortex in major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 70-5	5.5	276
98	A multiplicity of approaches to characterize geriatric depression and its outcomes. <b>2009</b> , 22, 522-6		23
97	Morphometric changes in early- and late-life major depressive disorder: evidence from postmortem studies. <b>2009</b> , 21, 844-54		36
96	Morphometric analysis of neuronal and glial cell pathology in the dorsolateral prefrontal cortex in late-life depression. <b>2009</b> , 195, 163-9		51
95	DHA deficiency and prefrontal cortex neuropathology in recurrent affective disorders. <b>2010</b> , 140, 864-8		49
94	Structural differences in adult orbital and ventromedial prefrontal cortex predicted by infant temperament at 4 months of age. <b>2010</b> , 67, 78-84		62
93	3-D cytoarchitectonic parcellation of human orbitofrontal cortex correlation with postmortem MRI. <b>2010</b> , 183, 1-20		50

92	Neuropathological analysis of lacunes and microvascular lesions in late-onset depression. <b>2010</b> , 36, 661-72		19
91	Amygdala astrocyte reduction in subjects with major depressive disorder but not bipolar disorder. <b>2010</b> , 12, 541-9		114
90	Neural stem cell regulation, fibroblast growth factors, and the developmental origins of neuropsychiatric disorders. <b>2010</b> , 4,		35
89	Decreased expression of Freud-1/CC2D1A, a transcriptional repressor of the 5-HT1A receptor, in the prefrontal cortex of subjects with major depression. <b>2010</b> , 13, 1089-101		29
88	Blockade of astrocytic glutamate uptake in rats induces signs of anhedonia and impaired spatial memory. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 2049-59	8.7	104
87	Vascular function in older adults with depressive disorder. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 133-9	7.9	67
86	Structural and cognitive deficits in remitting and non-remitting recurrent depression: a voxel-based morphometric study. <b>2010</b> , 50, 347-56		171
85	Morphometric analysis of neuronal and glial cell pathology in the caudate nucleus in late-life depression. <b>2011</b> , 19, 132-41		30
84	The vascular depression hypothesis: an update. <b>2011</b> , 19, 99-103		78
83	Motor cortex excitability in vascular depression. <b>2011</b> , 82, 248-53		35
82	Morphometric post-mortem studies in bipolar disorder: possible association with oxidative stress and apoptosis. <b>2011</b> , 14, 1075-89		81
81	A morphometric examination of neuronal and glial cell pathology in the orbitofrontal cortex in late-life depression. <b>2011</b> , 23, 132-40		39
80	The immunohistochemical examination of GABAergic interneuron markers in the dorsolateral prefrontal cortex of patients with late-life depression. <b>2011</b> , 23, 644-53		23
79	Whiter matter abnormalities in medication-naive subjects with a single short-duration episode of major depressive disorder. <b>2011</b> , 191, 80-3		72
78	Cellular pathology within the anterior cingulate cortex of patients with late-life depression: a morphometric study. <b>2011</b> , 194, 184-9		20
77	A morphometric study of glia and neurons in the anterior cingulate cortex in mood disorder. <b>2011</b> , 133, 328-32		81
76	The reduction of R1, a novel repressor protein for monoamine oxidase A, in major depressive disorder. <i>Neuropsychopharmacology</i> , <b>2011</b> , 36, 2139-48	8.7	69
75	The role of glia in late-life depression. <b>2012</b> , 24, 1878-90		29

74	Hippocampal neuronal atrophy and cognitive function in delayed poststroke and aging-related dementias. <b>2012</b> , 43, 808-14		104
73	Neuron density and serotonin receptor binding in prefrontal cortex in suicide. <b>2012</b> , 15, 435-47		68
72	The neurobiology of depression in later-life: clinical, neuropsychological, neuroimaging and pathophysiological features. <b>2012</b> , 98, 99-143		188
71	Structural deficits in the emotion circuit and cerebellum are associated with depression, anxiety and cognitive dysfunction in methadone maintenance patients: a voxel-based morphometric study. <b>2012</b> , 201, 89-97		42
70	Platelet uptake of GABA and glutamate in patients with bipolar disorder. <b>2012</b> , 14, 301-8		11
69	Olfactory bulbectomy induces neuronal rearrangement in the entorhinal cortex in the rat. <b>2013</b> , 52, 80-6		13
68	A systematic review and meta-analysis of magnetic resonance imaging studies in late-life depression. <b>2013</b> , 21, 184-95		131
67	Abnormal functional connectivity of the default mode network in remitted late-onset depression. <b>2013</b> , 147, 277-87		53
66	Biological substrates underpinning diagnosis of major depression. <b>2013</b> , 16, 1893-909		30
65	Remodeling of axo-spinous synapses in the pathophysiology and treatment of depression. <b>2013</b> , 251, 33-50		111
64	Activation of mammalian target of rapamycin and synaptogenesis: role in the actions of rapid-acting antidepressants. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 1189-98	7.9	86
63	The vascular depression hypothesis: mechanisms linking vascular disease with depression. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 963-74	15.1	517
62	Organic bases of late-life depression: a critical update. <b>2013</b> , 120, 1109-25		16
61	Coverage of blood vessels by astrocytic endfeet is reduced in major depressive disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 613-21	7.9	97
60	Paralimbic cortical thickness in first-episode depression: evidence for trait-related differences in mood regulation. <b>2013</b> , 170, 1477-86		85
59	Morphometric analysis of vascular pathology in the orbitofrontal cortex of older subjects with major depression. <b>2013</b> , 28, 959-70		6
58	The Possible Applications (and Pitfalls!) of Stereological Analysis in Postmortem Brain Research. <b>2013</b> , 129-138		1
57	Serotonin-prefrontal cortical circuitry in anxiety and depression phenotypes: pivotal role of pre- and post-synaptic 5-HT1A receptor expression. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 199	3.5	172

56	. <b>2014</b> ,		10
55	Neuron volumes in hippocampal subfields in delayed poststroke and aging-related dementias. <b>2014</b> , 73, 305-11		19
54	Apoptosis-related proteins and proliferation markers in the orbitofrontal cortex in major depressive disorder. <b>2014</b> , 158, 62-70		28
53	A systematic review of brain frontal lobe parcellation techniques in magnetic resonance imaging. <b>2014</b> , 219, 1-22		30
52	Cellular morphometry in late-life depression: a review of postmortem studies. <b>2014</b> , 22, 122-32		5
51	Valdoxan (agomelatine) in the Treatment of Depression in Cerebrovascular Diseases (results of the Russian Resonance multicenter naturalistic study). <b>2014</b> , 44, 315-319		2
50	Cortical changes associated with depression and antidepressant use in Alzheimer and Lewy body dementia: an MRI surface-based morphometric study. <b>2014</b> , 22, 4-13.e1		29
49	Pyramidal neurons of the prefrontal cortex in post-stroke, vascular and other ageing-related dementias. <b>2014</b> , 137, 2509-21		37
48	Synaptic Stress and Pathogenesis of Neuropsychiatric Disorders. <b>2014</b> ,		2
47	The Neurobiology of Suicide and Implications for Treatment and Prevention. <b>2015</b> ,		
46	Treatment-resistant Late-life Depression: Challenges and Perspectives. <b>2015</b> , 13, 577-91		31
45	Oligodendrocyte morphometry and expression of myelin - Related mRNA in ventral prefrontal white matter in major depressive disorder. <i>Journal of Psychiatric Research</i> , <b>2015</b> , 65, 53-62	5.2	62
44	Neuropathology of depression in Alzheimer's disease: current knowledge and the potential for new treatments. <b>2015</b> , 44, 27-41		40
43	Disrupted structural connectivity network in treatment-naive depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 56, 18-26	5.5	49
42	Cortical-Subcortical Interactions in Depression: From Animal Models to Human Psychopathology. <b>2016</b> , 10, 20		41
41	Dendritic Spines in Depression: What We Learned from Animal Models. <b>2016</b> , 2016, 8056370		193
40	Disrupted orbitomedial prefrontal limbic network in individuals with later-life depression. <b>2016</b> , 204, 112-9		15
39	Orbitofrontal cortex 5-HT <sub>2A</sub> receptor mediates chronic stress-induced depressive-like behaviors and alterations of spine density and Kalirin7. <b>2016</b> , 109, 7-17		24

38	Neuropathological relationship between major depression and dementia: A hypothetical model and review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 67, 51-7	5.5	75
37	Relationship between neurotoxic kynurenine metabolites and reductions in right medial prefrontal cortical thickness in major depressive disorder. <b>2016</b> , 53, 39-48		92
36	Reduced GABA neuron density in auditory cerebral cortex of subjects with major depressive disorder. <b>2016</b> , 76, 108-121		18
35	Density of GFAP-immunoreactive astrocytes is decreased in left hippocampi in major depressive disorder. <b>2016</b> , 316, 209-20		116
34	Altered patterns of association between cortical thickness and subcortical volume in patients with first episode major depressive disorder: A structural MRI study. <b>2017</b> , 260, 16-22		22
33	Major depressive disorder and anxiety disorders from the glial perspective: Etiological mechanisms, intervention and monitoring. <b>2017</b> , 83, 474-488		26
32	Length of axons expressing the serotonin transporter in orbitofrontal cortex is lower with age in depression. <b>2017</b> , 359, 30-39		11
31	The burden of mood-disorder/cerebrovascular disease comorbidity: essential neurobiology, psychopharmacology, and physical activity interventions. <b>2017</b> , 29, 425-435		20
30	Autoimmune Aspects of Neurodegenerative and Psychiatric Diseases: A Template for Innovative Therapy. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 46	5	13
29	Human astrocytes in the diseased brain. <b>2018</b> , 136, 139-156		127
28	Type A monoamine oxidase and serotonin are coordinately involved in depressive disorders: from neurotransmitter imbalance to impaired neurogenesis. <b>2018</b> , 125, 53-66		60
27	Relative neuron loss in hippocampal sclerosis of aging and Alzheimer's disease. <i>Annals of Neurology</i> , <b>2018</b> , 84, 741-753	9.4	10
26	Putative Inflammatory Sensitive Mechanisms Underlying Risk or Resilience to Social Stress. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 240	3.5	19
25	Assessment of neuroplasticity in late-life depression with transcranial magnetic stimulation. <i>Journal of Psychiatric Research</i> , <b>2018</b> , 105, 63-70	5.2	2
24	Specific Cognitive-Psychopathological Phenotypes in Patients With Early Stages of Subcortical Vascular Neurocognitive Disorders: A Hospital-Based Case-Control Study. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2018</b> , 31, 256-264	3.8	1
23	Impaired biophysical integrity of macromolecular protein pools in the uncinate circuit in late-life depression. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1844-1855	15.1	2
22	The role of NMDA receptor in neurobiology and treatment of major depressive disorder: Evidence from translational research. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 94, 109668	5.5	29
21	The Impact of Whole Brain Global Functional Connectivity Density Following MECT in Major Depression: A Follow-Up Study. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 7	5	9

20	Adolescent stress increases depression-like behaviors and alters the excitatory-inhibitory balance in aged mice. <i>Chinese Medical Journal</i> , <b>2019</b> , 132, 1689-1699	2.9	7
19	Glial Pathology in Major Depressive Disorder: An Approach to Investigate the Coverage of Blood Vessels by Astrocyte Endfeet in Human Postmortem Brain. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1938, 247-254	1.4	2
18	Glutamatergic neurometabolite levels in major depressive disorder: a systematic review and meta-analysis of proton magnetic resonance spectroscopy studies. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 952-964	15.1	115
17	Mitochondria could be a potential key mediator linking the intestinal microbiota to depression. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 17-24	4.7	11
16	Meta-analysis of cortical thickness abnormalities in medication-free patients with major depressive disorder. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 703-712	8.7	46
15	A Decade of Progress in Deep Brain Stimulation of the Subcallosal Cingulate for the Treatment of Depression. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
14	Psychoses Due to Medical Illness or Iatrogenesis. <b>2021</b> , 125-141		
13	NLX-101, a highly selective 5-HT receptor biased agonist, mediates antidepressant-like activity in rats via prefrontal cortex 5-HT receptors. <i>Behavioural Brain Research</i> , <b>2021</b> , 401, 113082	3.4	4
12	Glutamate and GABA Homeostasis and Neurometabolism in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 637863	5	10
11	Young plasma administration mitigates depression-like behaviours in chronic mild stress-exposed aged rats by attenuating apoptosis in prefrontal cortex. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1621-1630	2.4	1
10	Targeting the Oxytocin System to Ameliorate Early Life Depressive-Like Behaviors in Maternally-Separated Rats. <i>Biological and Pharmaceutical Bulletin</i> , <b>2021</b> , 44, 1445-1457	2.3	1
9	The prefrontal cortex in depression: Use of proteomics. <b>2021</b> , 255-264		
8	Acute Mania and Bipolar Affective Disorder. <b>2010</b> , 576-588		1
7	Pathology in Astroglia, Glutamate, and GABA in Major Depressive Disorder: Evidence from Studies of Human Postmortem Tissue. <b>2014</b> , 245-264		2
6	Astrocyte pathology in major depressive disorder: insights from human postmortem brain tissue. <i>Current Drug Targets</i> , <b>2013</b> , 14, 1225-36	3	357
5	Depression and cerebrovascular disease: could vortioxetine represent a valid treatment option?. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2015</b> , 11, 144-9	3.2	9
4	Altered GABA function in Major Depression. <b>2014</b> , 223-244		
3	Glial Cell Abnormalities in Major Psychiatric Diseases: A Systematic Review of Postmortem Brain Studies.. <i>Molecular Neurobiology</i> , <b>2022</b> , 1	6.2	2



- 2 Neuroprotective effects of dimethyl fumarate against depression-like behaviors via astrocytes and microglia modulation in mice: possible involvement of the HCAR2/Nrf2 signaling pathway. *Naunyn-Schmiedeberg's Archives of Pharmacology*, 3.4 1
- 1 A Review of Research on the Association between Neuron-Astrocyte Signaling Processes and Depressive Symptoms. **2023**, 24, 6985 0