

Transport of brain-derived neurotrophic factor across

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Penetration of neurotrophins and cytokines across the bloodâ€‘brain/bloodâ€‘spinal cord barrier. <i>Advanced Drug Delivery Reviews</i> , 1999, 36, 291-298.	6.6	95
2	Nerve growth factor, brain-derived neurotrophic factor, and neurotrophin-3 levels in human amniotic fluid. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 1225-1230.	0.7	49
3	Brain derived neurotrophic factor and neurodegeneration. <i>Expert Opinion on Therapeutic Patents</i> , 1999, 9, 1655-1664.	2.4	1
4	TGFÎ± and the Bloodâ€‘Brain Barrier: Accumulation in Cerebral Vasculature. <i>Experimental Neurology</i> , 1999, 160, 454-459.	2.0	34
5	Regional Variations in the Transport of Interleukin-1Î± across the Blood-Brain Barrier in ICR and Aging SAMP8 Mice. <i>NeuroImmunoModulation</i> , 2000, 8, 165-170.	0.9	37
6	Changes in Truncated trkB and p75 Receptor Expression in the Rat Spinal Cord Following Spinal Cord Hemisection and Spinal Cord Hemisection plus Neurotrophin Treatment. <i>Experimental Neurology</i> , 2000, 165, 327-341.	2.0	64
7	Differential effect of brain-derived neurotrophic factor on high-threshold mechanosensitivity in a rat neuropathic pain model. <i>Neuroscience Letters</i> , 2000, 278, 85-88.	1.0	46
8	Effect of middle cerebral artery occlusion on the passage of pituitary adenylate cyclase activating polypeptide across the bloodâ€‘brain barrier in the rat. <i>Regulatory Peptides</i> , 2000, 91, 89-95.	1.9	38
9	Dynamic regulation of leptin entry into brain by the bloodâ€‘brain barrier. <i>Regulatory Peptides</i> , 2000, 92, 37-43.	1.9	89
10	Agouti-related protein(83-132) aggregates and crosses the blood-brain barrier slowly. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 1444-1448.	1.5	50
11	Intravenous Brain-Derived Neurotrophic Factor Reduces Infarct Size and Counterregulates Bax and Bcl-2 Expression After Temporary Focal Cerebral Ischemia. <i>Stroke</i> , 2000, 31, 2212-2217.	1.0	304
12	Delivery of Neurotrophic Factors to the Central Nervous System. <i>Clinical Pharmacokinetics</i> , 2001, 40, 907-946.	1.6	415
13	Validity of multiple-time regression analysis in measurement of tritiated and iodinated leptin crossing the blood-brain barrier: meaningful controls. <i>Peptides</i> , 2001, 22, 2127-2136.	1.2	76
14	Brain-derived Neurotrophic Factor Regulates Energy Expenditure Through the Central Nervous System in Obese Diabetic Mice. <i>International Journal of Experimental Diabetes Research</i> , 2001, 2, 201-209.	1.0	111
15	Neuroprotection in Transient Focal Brain Ischemia After Delayed Intravenous Administration of Brain-Derived Neurotrophic Factor Conjugated to a Blood-Brain Barrier Drug Targeting System. <i>Stroke</i> , 2001, 32, 1378-1384.	1.0	169
16	Phe13, Tyr19-Melanin-Concentrating Hormone and the Blood-Brain Barrier. <i>Journal of Neurochemistry</i> , 2001, 74, 385-391.	2.1	39
17	Acute effects of brain-derived neurotrophic factor on energy expenditure in obese diabetic mice. <i>International Journal of Obesity</i> , 2001, 25, 1286-1293.	1.6	74
18	Entry of Blood-Borne Cytokines into the Central Nervous System: Effects on Cognitive Processes. <i>NeuroImmunoModulation</i> , 2002, 10, 319-327.	0.9	201

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19	BDNF: a neuromodulator in nociceptive pathways?. Brain Research Reviews, 2002, 40, 240-249.	9.1	189
20	Decreased serum brain-derived neurotrophic factor levels in major depressed patients. Psychiatry Research, 2002, 109, 143-148.	1.7	1,061
21	Postnatal developmental profile of brain-derived neurotrophic factor in rat brain and platelets. Neuroscience Letters, 2002, 328, 261-264.	1.0	725
22	Brain-derived neurotrophic factor in patients with multiple sclerosis. Journal of Neuroimmunology, 2002, 132, 180-188.	1.1	119
23	Circulating TGF- β 1 Does Not Cross the Intact Blood-Brain Barrier. Journal of Molecular Neuroscience, 2003, 21, 43-48.	1.1	40
24	Brain Repair and Neuroprotection by Serum Insulin-Like Growth Factor I. Molecular Neurobiology, 2003, 27, 153-162.	1.9	106
25	Levels of serum brain-derived neurotrophic factor in primates. Primates, 2003, 44, 167-169.	0.7	12
26	Serum brain-derived neurotrophic factor (BDNF) levels in schizophrenia are indistinguishable from controls. Neuroscience Letters, 2003, 351, 111-111.	1.0	1
27	Decreased levels of serum brain-derived neurotrophic factor in female patients with eating disorders. Biological Psychiatry, 2003, 54, 485-490.	0.7	140
28	Serum brain-derived neurotrophic factor (BDNF) levels in schizophrenia are indistinguishable from controls. Neuroscience Letters, 2003, 351, 111-114.	1.0	136
29	Alterations of serum levels of brain-derived neurotrophic factor (BDNF) in depressed patients with or without antidepressants. Biological Psychiatry, 2003, 54, 70-75.	0.7	990
30	State of the art of the neurotrophin hypothesis in psychiatric disorders: implications and limitations. Journal of Neural Transmission, 2004, 111, 387-411.	1.4	113
31	Selective accumulation of monoclonal antibodies against neurospecific enolase in brain tissue of rats with middle cerebral artery occlusion. Bulletin of Experimental Biology and Medicine, 2004, 138, 343-347.	0.3	2
32	Selective accumulation of monoclonal antibodies against neurospecific enolase in brain tissue of rats with middle cerebral artery occlusion. Bulletin of Experimental Biology and Medicine, 2004, 138, 343-347.	0.3	3
33	Critical role of brain-derived neurotrophic factor in mood disorders. Brain Research Reviews, 2004, 45, 104-114.	9.1	447
34	Why study transport of peptides and proteins at the neurovascular interface. Brain Research Reviews, 2004, 46, 32-43.	9.1	32
35	Low serum levels of brain-derived neurotrophic factor in patients with schizophrenia do not elevate after antipsychotic treatment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2004, 28, 709-713.	2.5	125
36	Brain-derived neurotrophic factor serum concentrations are increased in drug-naïve schizophrenic patients with chronic cannabis abuse and multiple substance abuse. Neuroscience Letters, 2004, 371, 79-83.	1.0	94

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37	Opposite Changes in the Serum Brain-Derived Neurotrophic Factor in Anorexia Nervosa and Obesity. <i>Psychosomatic Medicine</i> , 2004, 66, 744-748.	1.3	102
38	Effects of intracerebroventricular application of brain-derived neurotrophic factor on cerebral recovery after cardiac arrest in rats. <i>Critical Care Medicine</i> , 2004, 32, S359-S365.	0.4	30
39	Effect of treatment on serum brain-derived neurotrophic factor levels in depressed patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2005, 255, 381-386.	1.8	320
40	Strategies to Create a Regenerating Environment for the Injured Spinal Cord. <i>Current Pharmaceutical Design</i> , 2005, 11, 1267-1277.	0.9	39
41	Targeting Neurite Growth Inhibitors to Induce CNS Regeneration. <i>Current Pharmaceutical Design</i> , 2005, 11, 1247-1253.	0.9	41
42	Effects of Tryptophan Depletion on Serum Levels of Brain-Derived Neurotrophic Factor in Unmedicated Patients With Remitted Depression and Healthy Subjects. <i>American Journal of Psychiatry</i> , 2005, 162, 805-807.	4.0	47
43	Regulation of brain-derived neurotrophic factor (BDNF) during sleep apnoea treatment. <i>Thorax</i> , 2005, 60, 688-692.	2.7	29
44	Circulating brain-derived neurotrophic factor is decreased in women with anorexia and bulimia nervosa but not in women with binge-eating disorder: relationships to co-morbid depression, psychopathology and hormonal variables. <i>Psychological Medicine</i> , 2005, 35, 897-905.	2.7	99
45	Dysfunction of Glia-Neuron Communication in Pathophysiology of Schizophrenia. <i>Current Psychiatry Reviews</i> , 2005, 1, 151-163.	0.9	73
46	Blood-Brain Barrier Transport of Cytokines: A Mechanism for Neuropathology. <i>Current Pharmaceutical Design</i> , 2005, 11, 973-984.	0.9	460
47	Decreased BDNF in serum of patients with chronic schizophrenia on long-term treatment with antipsychotics. <i>Neuroscience Letters</i> , 2005, 382, 27-32.	1.0	134
48	The effect of chronic antidepressant treatment on serum brain-derived neurotrophic factor levels in depressed patients: a preliminary study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 261-265.	2.5	282
49	Serum brain-derived neurotrophic factor (BDNF) levels in patients with panic disorder: As a biological predictor of response to group cognitive behavioral therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 658-663.	2.5	72
50	The impact of age, weight and gender on BDNF levels in human platelets and plasma. <i>Neurobiology of Aging</i> , 2005, 26, 115-123.	1.5	710
51	Decreased plasma brain-derived neurotrophic factor levels in schizophrenic patients with tardive dyskinesia: association with dyskinetic movements. <i>Schizophrenia Research</i> , 2005, 74, 263-270.	1.1	84
52	Permeation of Growth Hormone across the Blood-Brain Barrier. <i>Endocrinology</i> , 2005, 146, 4898-4904.	1.4	126
53	A Neurotrophic Model for Stress-Related Mood Disorders. <i>Biological Psychiatry</i> , 2006, 59, 1116-1127.	0.7	2,873
54	Electroconvulsive Therapy (ECT) increases serum Brain Derived Neurotrophic Factor (BDNF) in drug resistant depressed patients. <i>European Neuropsychopharmacology</i> , 2006, 16, 620-624.	0.3	149

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55	Serum brain-derived neurotrophic factor level is increased and associated with obesity in newly diagnosed female patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 852-857.	1.5	168
56	Decreased levels of plasma BDNF in first-episode schizophrenia and bipolar disorder patients. <i>Schizophrenia Research</i> , 2006, 86, 321-322.	1.1	189
57	Adequate antipsychotic treatment normalizes serum nerve growth factor concentrations in schizophrenia with and without cannabis or additional substance abuse. <i>Neuroscience Letters</i> , 2006, 400, 262-266.	1.0	32
58	Plasma levels of brain derived-neurotrophic factor and catecholamine metabolites are increased during active phase of psychotic symptoms in CNS lupus: A case report. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1359-1363.	2.5	15
59	Brain-Derived Neurotrophic Factor in the Brain of <i>Xenopus laevis</i> May Act as a Pituitary Neurohormone Together with Mesotocin. <i>Journal of Neuroendocrinology</i> , 2006, 18, 454-465.	1.2	11
60	Stage-dependent BDNF serum concentrations in Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2006, 113, 1217-1224.	1.4	286
61	Serum BDNF, TNF- α and IL-1 β levels in dementia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2006, 256, 402-406.	1.8	150
64	Effect of repetitive transcranial magnetic stimulation on serum brain derived neurotrophic factor in drug resistant depressed patients. <i>Journal of Affective Disorders</i> , 2006, 91, 83-86.	2.0	137
65	Acute BDNF and cortisol response to low intensity exercise and following ramp incremental exercise to exhaustion in humans. <i>Brain Research</i> , 2006, 1121, 59-65.	1.1	289
66	Receptor-mediated transport of LIF across blood-spinal cord barrier is upregulated after spinal cord injury. <i>Journal of Neuroimmunology</i> , 2006, 174, 119-125.	1.1	48
67	Associations between serum brain-derived neurotrophic factor levels and clinical phenotypes in schizophrenia patients. <i>Journal of Psychiatric Research</i> , 2006, 40, 664-668.	1.5	115
68	Maternal serum concentrations of BDNF and depression in the perinatal period. <i>Psychoneuroendocrinology</i> , 2006, 31, 388-394.	1.3	93
69	Effect of risperidone on plasma catecholamine metabolites and brain-derived neurotrophic factor in patients with bipolar disorders. <i>Human Psychopharmacology</i> , 2006, 21, 433-438.	0.7	48
70	Serum Brain-Derived Neurotrophic Factor Concentrations in Lean and Overweight Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3548-3552.	1.8	98
71	High-Frequency Repetitive Transcranial Magnetic Stimulation Improves Refractory Depression by Influencing Catecholamine and Brain-Derived Neurotrophic Factors. <i>Pharmacopsychiatry</i> , 2006, 39, 52-59.	1.7	132
72	The Blood-Brain Barrier in NeuroAIDS. <i>Current HIV Research</i> , 2006, 4, 259-266.	0.2	90
73	Reciprocal Interactions of Insulin and Insulin-Like Growth Factor I in Receptor-Mediated Transport across the Blood-Brain Barrier. <i>Endocrinology</i> , 2006, 147, 2611-2615.	1.4	55
74	Immobilization Stress Induces BDNF in Rat Submandibular Glands. <i>Journal of Dental Research</i> , 2006, 85, 844-848.	2.5	46

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75	Chronic heroin and cocaine abuse is associated with decreased serum concentrations of the nerve growth factor and brain-derived neurotrophic factor. <i>Journal of Psychopharmacology</i> , 2007, 21, 820-825.	2.0	110
76	The Effect of Acute Exercise on Serum Brain-Derived Neurotrophic Factor Levels and Cognitive Function. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 728-734.	0.2	659
77	Submandibular Glands Contribute to Increases in Plasma BDNF Levels. <i>Journal of Dental Research</i> , 2007, 86, 260-264.	2.5	36
78	Systemic and Acquired Immune Responses in Alzheimer's Disease. <i>International Review of Neurobiology</i> , 2007, 82, 205-233.	0.9	88
79	Production of brain-derived neurotrophic factor by mononuclear cells of patients with multiple sclerosis treated with glatiramer acetate, interferon- β 1a, and high doses of immunoglobulins. <i>Multiple Sclerosis Journal</i> , 2007, 13, 313-331.	1.4	58
80	Blood Levels of Brain-Derived Neurotrophic Factor Correlate with Several Psychopathological Symptoms in Anorexia Nervosa Patients. <i>Neuropsychobiology</i> , 2007, 56, 185-190.	0.9	28
82	A Clinical View of BDNF-TrkB Signaling in the Treatment of Major Depression. <i>Current Signal Transduction Therapy</i> , 2007, 2, 186-189.	0.3	1
83	Low plasma BDNF is associated with suicidal behavior in major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 78-85.	2.5	248
84	Comments on "Low plasma BDNF is associated with suicidal behavior in major depression" by Y.K. Kim et al. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> 2006 Aug 9; [Epub ahead of print]. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 578-579.	2.5	6
85	Serum brain-derived neurotrophic factor level in dysthymia: A comparative study with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1023-1026.	2.5	51
86	Treatment with risperidone for 4 weeks increased plasma 3-methoxy-4-hydroxypnenylglycol (MHPG) levels, but did not alter plasma brain-derived neurotrophic factor (BDNF) levels in schizophrenic patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1072-1077.	2.5	53
87	Serum neurotrophins "A study on the time course and influencing factors in a large old age sample. <i>Neurobiology of Aging</i> , 2007, 28, 1436-1445.	1.5	253
88	High impact running improves learning. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 597-609.	1.0	592
89	Measurements of brain-derived neurotrophic factor: Methodological aspects and demographical data. <i>Brain Research Bulletin</i> , 2007, 73, 143-149.	1.4	178
93	Influence of endogenous and exogenous sex hormones on plasma brain-derived neurotrophic factor. <i>Human Reproduction</i> , 2007, 22, 995-1002.	0.4	204
94	Decreased levels of plasma glutamate in patients with first-episode schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2007, 95, 174-178.	1.1	67
95	Decreased Plasma Brain Derived Neurotrophic Factor Levels in Unmedicated Bipolar Patients During Manic Episode. <i>Biological Psychiatry</i> , 2007, 61, 142-144.	0.7	187
96	Correlation Between Serum Brain-Derived Neurotrophic Factor Level and An In Vivo Marker of Cortical Integrity. <i>Biological Psychiatry</i> , 2007, 62, 530-535.	0.7	141

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97	Genetic engineering, expression, and activity of a fusion protein of a human neurotrophin and a molecular Trojan horse for delivery across the human blood-brain barrier. <i>Biotechnology and Bioengineering</i> , 2007, 97, 1376-1386.	1.7	80
98	Low brain-derived neurotrophic factor (BDNF) levels in serum of Huntington's disease patients. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 574-577.	1.1	142
99	Toluene inhalation induced neuronal damage in the spinal cord and changes of neurotrophic factors in rat. <i>Legal Medicine</i> , 2007, 9, 123-127.	0.6	7
100	Serum brain-derived neurotrophic factor levels in conversion disorder: Comparative study with depression. <i>Psychiatry and Clinical Neurosciences</i> , 2007, 61, 571-573.	1.0	26
101	Altered brain-derived neurotrophic factor blood levels and gene variability are associated with anorexia and bulimia. <i>Genes, Brain and Behavior</i> , 2007, 6, 706-716.	1.1	73
102	Decreased plasma BDNF level in depressive patients. <i>Journal of Affective Disorders</i> , 2007, 101, 239-244.	2.0	281
103	Reduced serum BDNF levels in schizophrenic patients on clozapine or typical antipsychotics. <i>Journal of Psychiatric Research</i> , 2007, 41, 31-35.	1.5	142
104	BDNF serum and CSF concentrations in Alzheimer's disease, normal pressure hydrocephalus and healthy controls. <i>Journal of Psychiatric Research</i> , 2007, 41, 387-394.	1.5	249
105	Increased BDNF serum concentration in fibromyalgia with or without depression or antidepressants. <i>Journal of Psychiatric Research</i> , 2007, 41, 600-605.	1.5	96
106	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 431-438.	2.9	571
107	Brain derived neurotrophic factor circulating levels in patients undergoing IVF. <i>Journal of Assisted Reproduction and Genetics</i> , 2007, 24, 477-480.	1.2	22
108	Plasma Concentrations of Brain-derived Neurotrophic Factor in Patients Undergoing Minor Surgery: A Randomized Controlled Trial. <i>Neurochemical Research</i> , 2008, 33, 1325-1331.	1.6	16
109	Increase of BDNF serum concentration during donepezil treatment of patients with early Alzheimer's disease. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 124-128.	1.8	113
110	Addition of risperidone to sertraline improves sertraline-resistant refractory depression without influencing plasma concentrations of sertraline and desmethylsertraline. <i>Human Psychopharmacology</i> , 2008, 23, 707-713.	0.7	15
111	Delivery of peptides to the brain: Emphasis on therapeutic development. <i>Biopolymers</i> , 2008, 90, 589-594.	1.2	58
112	Permeation of blood-borne IL15 across the blood-brain barrier and the effect of LPS. <i>Journal of Neurochemistry</i> , 2008, 106, 313-319.	2.1	30
113	Decreased levels of serum brain-derived neurotrophic factor in both depressed and euthymic patients with unipolar depression and in euthymic patients with bipolar I and II disorders. <i>Bipolar Disorders</i> , 2008, 10, 95-100.	1.1	133
114	Serum brain-derived neurotrophic factor levels in patients with major depression: Effects of antidepressants. <i>Journal of Psychiatric Research</i> , 2008, 42, 521-525.	1.5	138

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115	Brain-derived neurotrophic factor and its receptor tropomyosin-related kinase B in the mechanism of action of antidepressant therapies. , 2008, 117, 30-51.		173
116	A systematic review and meta-analysis of clinical studies on major depression and BDNF levels: implications for the role of neuroplasticity in depression. International Journal of Neuropsychopharmacology, 2008, 11, 1169-1180.	1.0	781
117	Low serum levels of brain-derived neurotrophic factor and epidermal growth factor in patients with chronic schizophrenia. Schizophrenia Research, 2008, 101, 58-66.	1.1	129
118	Brain-Derived Neurotrophic Factor Gene Expression in Pediatric Bipolar Disorder: Effects of Treatment and Clinical Response. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 1077-1085.	0.3	87
119	The Blood Brain Barrier. , 2008, , 21-38.		9
120	Blood level of brain-derived neurotrophic factor mRNA is progressively reduced in rodent models of Huntington's disease: Restoration by the neuroprotective compound CEP-1347. Molecular and Cellular Neurosciences, 2008, 39, 1-7.	1.0	46
121	Impact of exercise on neuroplasticity-related proteins in spinal cord injured humans. Neuroscience, 2008, 153, 1064-1070.	1.1	60
122	BDNF is a novel marker of cognitive function in ageing women: The DR™s EXTRA Study. Neurobiology of Learning and Memory, 2008, 90, 596-603.	1.0	282
123	Stress at work alters serum brain-derived neurotrophic factor (BDNF) levels and plasma 3-methoxy-4-hydroxyphenylglycol (MHPG) levels in healthy volunteers: BDNF and MHPG as possible biological markers of mental stress?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 679-685.	2.5	79
124	Effect of treatment on serum glial cell line-derived neurotrophic factor in depressed patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 886-890.	2.5	80
125	Efficacy of electroconvulsive therapy is associated with changing blood levels of homovanillic acid and brain-derived neurotrophic factor (BDNF) in refractory depressed patients: A pilot study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1185-1190.	2.5	79
126	Investigation of serum BDNF levels in drug-naive patients with schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1308-1311.	2.5	104
127	Increased levels of plasma brain-derived neurotrophic factor (BDNF) in children with attention deficit-hyperactivity disorder (ADHD). Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1824-1828.	2.5	105
128	Brain-derived neurotrophic factor and neuroplasticity in bipolar disorder. Expert Review of Neurotherapeutics, 2008, 8, 1101-1113.	1.4	146
129	Reduced serum concentrations of nerve growth factor, but not brain-derived neurotrophic factor, in chronic cannabis abusers. European Neuropsychopharmacology, 2008, 18, 882-887.	0.3	37
130	Serum brain-derived neurotrophic factor response to aerobic exercise in multiple sclerosis. Journal of the Neurological Sciences, 2008, 269, 85-91.	0.3	114
131	BDNF Levels and Genotype are Associated with Antipsychotic-Induced Weight Gain in Patients with Chronic Schizophrenia. Neuropsychopharmacology, 2008, 33, 2200-2205.	2.8	94
132	Plasma Brain-Derived Neurotrophic Factor as a Peripheral Marker for the Action Mechanism of Antidepressants. Neuropsychobiology, 2008, 57, 194-199.	0.9	116

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133	Alterations of serum brain-derived neurotrophic factor levels in early alcohol withdrawal. <i>Alcohol and Alcoholism</i> , 2008, 43, 241-245.	0.9	66
134	Serum Concentrations of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Depressed Patients before and after Antidepressant Treatment. <i>Pharmacopsychiatry</i> , 2008, 41, 66-71.	1.7	115
135	Blood-Brain Barrier Transport of Cytokines. <i>NeuroImmune Biology</i> , 2008, , 93-107.	0.2	6
136	Developmental Changes of Leptin Receptors in Cerebral Microvessels: Unexpected Relation to Leptin Transport. <i>Endocrinology</i> , 2008, 149, 877-885.	1.4	67
137	Neurobiological Factors Linking Personality Traits and Major Depression. <i>Canadian Journal of Psychiatry</i> , 2008, 53, 6-13.	0.9	35
138	Decreased Plasma and Cerebrospinal Fluid Levels of Stem Cell Factor in Patients with Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2008, 15, 451-460.	1.2	47
139	Blood-Brain Barrier and Feeding: Regulatory Roles of Saturable Transport Systems for Ingestive Peptides. <i>Current Pharmaceutical Design</i> , 2008, 14, 1615-1619.	0.9	35
140	No Influence of Noradrenaline Manipulation on Acute Exercise-Induced Increase of Brain-Derived Neurotrophic Factor. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1990-1996.	0.2	50
141	Peripheral Blood Leukocyte Production of BDNF following Mitogen Stimulation in Early Onset and Regressive Autism. <i>American Journal of Biochemistry and Biotechnology</i> , 2008, 4, 121-129.	0.1	20
142	Continuous decrease in serum brain-derived neurotrophic factor (BDNF) levels in a neuropsychiatric syndrome of systemic lupus erythematosus patient with organic brain changes. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 1277.	1.0	13
145	Brain-Derived Neurotrophic Factor in Infants <32 Weeks Gestational Age: Correlation With Antenatal Factors and Postnatal Outcomes. <i>Pediatric Research</i> , 2009, 65, 548-552.	1.1	43
146	Increased Plasma Brain-Derived Neurotrophic Factor, Not Nerve Growth Factor-Beta, in Schizophrenia Patients with Better Response to Risperidone Treatment. <i>Neuropsychobiology</i> , 2009, 59, 51-58.	0.9	61
147	Brain-derived neurotrophic factor (BDNF) and set-shifting in currently ill and recovered anorexia nervosa (AN) patients. <i>Psychological Medicine</i> , 2009, 39, 1029-1035.	2.7	62
148	When Top-Down Meets Bottom-Up: Auditory Training Enhances Verbal Memory in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 1132-1141.	2.3	180
149	Correlations and Discrepancies between Serum and Brain Tissue Levels of Neurotrophins after Electroconvulsive Treatment in Rats. <i>Pharmacopsychiatry</i> , 2009, 42, 270-276.	1.7	243
150	Caloric restriction improves memory in elderly humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1255-1260.	3.3	471
151	Increased serum neurotrophin-4/5 levels in bipolar disorder. <i>Journal of Psychiatric Research</i> , 2009, 43, 721-723.	1.5	46
152	Decreased brain-derived neurotrophic factor in medicated and drug-free bipolar patients. <i>Journal of Psychiatric Research</i> , 2009, 43, 1171-1174.	1.5	101

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153	Changes in plasma levels of BDNF and NGF reveal a gender-selective vulnerability to early adversity in rhesus macaques. <i>Psychoneuroendocrinology</i> , 2009, 34, 172-180.	1.3	61
154	Alterations of behavioral and endocrinological reactivity induced by 3 brief social defeats in rats: Relevance to human psychopathology. <i>Psychoneuroendocrinology</i> , 2009, 34, 1405-1416.	1.3	33
155	A longitudinal observation of Brain-Derived Neurotrophic Factor mRNA levels in patients with Relapsing-Remitting Multiple Sclerosis. <i>Brain Research</i> , 2009, 1256, 123-128.	1.1	28
156	Understanding the blood-brain barrier using gene and protein expression profiling technologies. <i>Brain Research Reviews</i> , 2009, 62, 83-98.	9.1	33
157	Peptides derived from the solvent-exposed loops 3 and 4 of BDNF bind TrkB and p75 ^{NTR} receptors and stimulate neurite outgrowth and survival. <i>Journal of Neuroscience Research</i> , 2010, 88, 1170-1181.	1.3	27
158	Preliminary evidence of cannabinoid effects on brain-derived neurotrophic factor (BDNF) levels in humans. <i>Psychopharmacology</i> , 2009, 202, 569-578.	1.5	102
159	Decreased levels of serum brain-derived neurotrophic factor in drug-naïve first-episode schizophrenia: relationship to clinical phenotypes. <i>Psychopharmacology</i> , 2009, 207, 375-380.	1.5	134
160	Evidence for a release of brain-derived neurotrophic factor from the brain during exercise. <i>Experimental Physiology</i> , 2009, 94, 1062-1069.	0.9	709
161	Cessation of Blood-to-Brain Influx of Interleukin-15 during Development of EAE. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1568-1578.	2.4	17
162	Lack of association between BDNF Val66Met gene polymorphism and late-onset depression in a Chinese Han population. <i>Acta Neuropsychiatrica</i> , 2009, 21, 186-190.	1.0	4
163	Early life stress as a risk factor for mental health: Role of neurotrophins from rodents to non-human primates. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 573-585.	2.9	192
164	Relation between plasma brain-derived neurotrophic factor and nerve growth factor in the male patients with alcohol dependence. <i>Alcohol</i> , 2009, 43, 265-269.	0.8	50
165	Plasma BDNF is reduced among middle-aged and elderly women with impaired insulin function: Evidence of a compensatory mechanism. <i>Brain and Cognition</i> , 2009, 71, 147-152.	0.8	25
166	The acute response of plasma brain-derived neurotrophic factor as a result of exercise in major depressive disorder. <i>Psychiatry Research</i> , 2009, 169, 244-248.	1.7	99
167	Electroconvulsive therapy increases glial cell-line derived neurotrophic factor (GDNF) serum levels in patients with drug-resistant depression. <i>Psychiatry Research</i> , 2009, 170, 273-275.	1.7	50
168	Delivery of peptide and protein drugs over the blood-brain barrier. <i>Progress in Neurobiology</i> , 2009, 87, 212-251.	2.8	245
169	Effects of fluoxetine and venlafaxine on serum brain derived neurotrophic factor levels in depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 281-285.	2.5	68
170	Reduced platelet BDNF level in patients with major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 849-853.	2.5	98

#	ARTICLE	IF	CITATIONS
171	Decreased serum BDNF levels in chronic institutionalized schizophrenia on long-term treatment with typical and atypical antipsychotics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1508-1512.	2.5	146
172	Cardio-respiratory fitness, habitual physical activity and serum brain derived neurotrophic factor (BDNF) in men and women. <i>Neuroscience Letters</i> , 2009, 451, 152-155.	1.0	118
173	Brain-derived neurotrophic factor serum levels before and after treatment for acute mania. <i>Neuroscience Letters</i> , 2009, 452, 111-113.	1.0	117
174	State-dependent decrease in levels of brain-derived neurotrophic factor in bipolar disorder: A meta-analytic study. <i>Neuroscience Letters</i> , 2009, 466, 139-143.	1.0	99
175	Brain-derived neurotrophic factor in patients with normal-tension glaucoma. <i>Optometry - Journal of the American Optometric Association</i> , 2009, 80, 635-638.	0.6	58
176	Brain-derived neurotrophic factor and TrkB receptor in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2009, 287, 17-26.	0.3	64
177	Changes in CREB Phosphorylation and BDNF Plasma Levels during Psychotherapy of Depression. <i>Psychotherapy and Psychosomatics</i> , 2009, 78, 187-192.	4.0	56
178	Daily variation of brain-derived neurotrophic factor and cortisol in women with normal menstrual cycles, undergoing oral contraception and in postmenopause. <i>Human Reproduction</i> , 2009, 24, 2303-2309.	0.4	101
179	Blood levels of catecholamine metabolites and brain-derived neurotrophic factor in a case of Sydenham's chorea. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 248-251.	1.3	4
180	Stress-mediated decreases in brain-derived neurotrophic factor as potential confounding factor for acute tryptophan depletion-induced neurochemical effects. <i>European Neuropsychopharmacology</i> , 2009, 19, 812-821.	0.3	15
181	Low serum BDNF and food intake regulation: A possible new explanation of the pathophysiology of eating disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 312-316.	2.5	54
183	Increase of BDNF Serum Concentration in Lithium Treated Patients with Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 649-656.	1.2	140
184	Decreased Plasma Levels of Granulocyte-Colony Stimulating Factor (G-CSF) in Patients with Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 115-123.	1.2	43
185	Increase in brain-derived neurotrophic factor in first episode psychotic patients after treatment with atypical antipsychotics. <i>International Clinical Psychopharmacology</i> , 2010, 25, 241-245.	0.9	54
186	Reduced peripheral brain-derived neurotrophic factor mRNA levels are normalized by antidepressant treatment. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 103.	1.0	82
187	Peripheral brain-derived neurotrophic factor (BDNF) as a biomarker for affective disorders?. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1.	1.0	60
188	Expression and Role of the BDNF Receptor-TrkB in Rat Adrenal Gland under Acute Immobilization Stress. <i>Acta Histochemica Et Cytochemica</i> , 2010, 43, 139-147.	0.8	27
189	Neurotrophic growth factors for the treatment of amyotrophic lateral sclerosis: where do we stand?. <i>Frontiers in Neuroscience</i> , 2010, 4, 32.	1.4	86

#	ARTICLE	IF	CITATIONS
190	Inverse correlation of brain and blood BDNF levels in a genetic rat model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 563-572.	1.0	83
192	Nicotine dependence and serum BDNF levels in male patients with schizophrenia. <i>Psychopharmacology</i> , 2010, 212, 301-307.	1.5	44
193	Acute exercise ameliorates reduced brain-derived neurotrophic factor in patients with panic disorder. <i>Psychoneuroendocrinology</i> , 2010, 35, 364-368.	1.3	113
194	BDNF mRNA expression of peripheral blood mononuclear cells was decreased in depressive patients who had or had not recently attempted suicide. <i>Journal of Affective Disorders</i> , 2010, 125, 369-373.	2.0	56
195	Varenicline does not increase serum BDNF levels in patients with nicotine dependence. <i>Human Psychopharmacology</i> , 2010, 25, 276-279.	0.7	17
196	Plasma BDNF concentration, Val66Met genetic variant and depression-related personality traits. <i>Genes, Brain and Behavior</i> , 2010, 9, 512-518.	1.1	54
197	Brain-derived neurotrophic factor as a biomarker for mood disorders: An historical overview and future directions. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 341-357.	1.0	347
198	Improvement of schizophrenia with electroconvulsive therapy and serum brain-derived neurotrophic factor levels: Lack of association in a pilot study. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 663-665.	1.0	11
199	The Roles of BDNF in the Pathophysiology of Major Depression and in Antidepressant Treatment. <i>Psychiatry Investigation</i> , 2010, 7, 231.	0.7	364
200	Exercise-induced normalization of decreased BDNF serum concentration in elderly women with remitted major depression. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 595-602.	1.0	142
201	Peripheral BDNF Produces Antidepressant-Like Effects in Cellular and Behavioral Models. <i>Neuropsychopharmacology</i> , 2010, 35, 2378-2391.	2.8	350
202	Altered production of brain-derived neurotrophic factor by peripheral blood immune cells in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 1178-1188.	1.4	29
203	Association of Serum Brain-Derived Neurotrophic Factor and Duration of Untreated Psychosis in First-Episode Patients with Schizophrenia. <i>Neuropsychobiology</i> , 2010, 62, 87-90.	0.9	42
204	Decreased serum BDNF levels in patients with epileptic and psychogenic nonepileptic seizures. <i>Neurology</i> , 2010, 75, 1285-1291.	1.5	82
205	Brain-Derived Neurotrophic Factor Is Associated with Age-Related Decline in Hippocampal Volume. <i>Journal of Neuroscience</i> , 2010, 30, 5368-5375.	1.7	462
206	Chronic stress affects the expression of brain-derived neurotrophic factor in rat salivary glands. <i>Stress</i> , 2010, 13, 53-60.	0.8	32
207	Circulating levels of brain-derived neurotrophic factor: correlation with mood, cognition and motor function. <i>Biomarkers in Medicine</i> , 2010, 4, 871-887.	0.6	137
208	Endurance training enhances BDNF release from the human brain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R372-R377.	0.9	346

#	ARTICLE	IF	CITATIONS
209	Salivary glands as the source of plasma brain-derived neurotrophic factor in stressed rats engaged in biting behavior. <i>Stress</i> , 2010, 13, 238-247.	0.8	18
210	Reduced serum BDNF levels in patients with chronic schizophrenic disorder in relapse, who were treated with typical or atypical antipsychotics. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 251-255.	1.3	94
211	Alzheimers Disease (AD) and Mild Cognitive Impairment (MCI) Patients are Characterized by Increased BDNF Serum Levels. <i>Current Alzheimer Research</i> , 2010, 7, 15-20.	0.7	166
212	Changes of Serum Brain-Derived Neurotrophic Factor in Children with Obstructive Sleep Apnoeaâ€“Hypopnoea Syndrome following Adenotonsillectomy. <i>Journal of International Medical Research</i> , 2010, 38, 1942-1951.	0.4	15
213	Effects of Maternal Smoking and Exposure to Methylmercury on Brain-Derived Neurotrophic Factor Concentrations in Umbilical Cord Serum. <i>Toxicological Sciences</i> , 2010, 117, 263-269.	1.4	25
214	Aerobic Physical Exercise as a Possible Treatment for Neurocognitive Dysfunction in Bipolar Disorder. <i>Postgraduate Medicine</i> , 2010, 122, 107-116.	0.9	50
215	Effect of brain-derived neurotrophic factor Val66Met polymorphism and serum levels on the progression of mild cognitive impairment. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 774-780.	1.3	116
216	Serum and plasma BDNF levels in major depression: A replication study and meta-analyses. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 763-773.	1.3	363
217	Decreased BDNF in patients with antipsychotic naÃ“ve first episode schizophrenia. <i>Schizophrenia Research</i> , 2010, 119, 47-51.	1.1	114
218	Changes in plasma brain-derived neurotrophic factor levels in smokers after smoking cessation. <i>Neuroscience Letters</i> , 2010, 468, 7-11.	1.0	66
219	Training augments resistance exercise induced elevation of circulating brain derived neurotrophic factor (BDNF). <i>Neuroscience Letters</i> , 2010, 479, 161-165.	1.0	161
220	The effect of depression, BDNF gene val66met polymorphism and gender on serum BDNF levels. <i>Brain Research Bulletin</i> , 2010, 81, 61-65.	1.4	111
221	Adding a low dose atypical antipsychotic drug to an antidepressant induced a rapid increase of plasma brain-derived neurotrophic factor levels in patients with treatment-resistant depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 308-312.	2.5	42
222	Brain-derived neurotrophic factor gene and protein expression in pediatric and adult depressed subjects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 645-651.	2.5	104
223	Effect of antidepressants on brain-derived neurotrophic factor (BDNF) release from platelets in the rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 1450-1454.	2.5	44
224	Physical activity and memory functions: Are neurotrophins and cerebral gray matter volume the missing link?. <i>NeuroImage</i> , 2010, 49, 2756-2763.	2.1	213
225	Neuroprotection in Bipolar Depression. , 2010, , 451-483.		1
226	Multiple Sclerosis and Depression: A Neuroimmunological Perspective. <i>NeuroImmune Biology</i> , 2010, , 269-307.	0.2	1

#	ARTICLE	IF	CITATIONS
227	Neuroplasticity â€“ Exercise-Induced Response of Peripheral Brain-Derived Neurotrophic Factor. <i>Sports Medicine</i> , 2010, 40, 765-801.	3.1	658
228	The Salivary Gland and Systemic Health: Towards the Creation of Salivary Gland and Health Medicine. <i>Journal of Oral Biosciences</i> , 2011, 53, 330-337.	0.8	4
229	Supplementation with Eicosapentaenoic Omega-3 Fatty Acid Does Not Influence Serum Brain-Derived Neurotrophic Factor in Diabetes Mellitus Patients with Major Depression: A Randomized Controlled Pilot Study. <i>Neuropsychobiology</i> , 2011, 63, 219-223.	0.9	35
230	Exercise After Traumatic Brain Injury: Is it a Doubleâ€“Edged Sword?. <i>PM and R</i> , 2011, 3, S64-72.	0.9	73
231	Association of serum BDNF levels with hippocampal volumes in first psychotic episode drug-naive schizophrenic patients. <i>Schizophrenia Research</i> , 2011, 129, 201-204.	1.1	84
232	Depressive symptoms following interferon-Î± therapy: mediated by immune-induced reductions in brain-derived neurotrophic factor?. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 247-253.	1.0	47
233	Physical Exercise as a Preventive or Disease-Modifying Treatment of Dementia and Brain Aging. <i>Mayo Clinic Proceedings</i> , 2011, 86, 876-884.	1.4	633
234	Rapid antidepressant changes with sleep deprivation in major depressive disorder are associated with changes in vascular endothelial growth factor (VEGF): A pilot study. <i>Brain Research Bulletin</i> , 2011, 86, 129-133.	1.4	38
235	Lactate infusion at rest increases BDNF blood concentration in humans. <i>Neuroscience Letters</i> , 2011, 488, 234-237.	1.0	100
236	Lithium increases plasma brain-derived neurotrophic factor in acute bipolar mania: A preliminary 4-week study. <i>Neuroscience Letters</i> , 2011, 494, 54-56.	1.0	125
237	Influence of citalopram and environmental temperature on exercise-induced changes in BDNF. <i>Neuroscience Letters</i> , 2011, 494, 150-154.	1.0	46
238	Decreased serum brain-derived neurotrophic factor levels in schizophrenic patients with tardive dyskinesia. <i>Neuroscience Letters</i> , 2011, 502, 37-40.	1.0	21
239	The early non-increase of serum BDNF predicts failure of antidepressant treatment in patients with major depression: A pilot study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 415-420.	2.5	67
240	The brain-derived neurotrophic factor (BDNF) polymorphism Val66Met is associated with neither serum BDNF level nor response to selective serotonin reuptake inhibitors in depressed Japanese patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1022-1025.	2.5	59
241	Physical activity and memory functions: An interventional study. <i>Neurobiology of Aging</i> , 2011, 32, 1304-1319.	1.5	387
242	Effects of increased opportunity for physical exercise and learning experiences on recognition memory and brain-derived neurotrophic factor levels in brain and serum of rats. <i>Neuroscience</i> , 2011, 199, 284-291.	1.1	24
243	Serum brain-derived neurotrophic factor and glucocorticoid receptor levels in lymphocytes as markers of antidepressant response in major depressive patients: A pilot study. <i>Psychiatry Research</i> , 2011, 189, 239-245.	1.7	35
244	Blood BDNF concentrations reflect brain-tissue BDNF levels across species. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 347-353.	1.0	533

#	ARTICLE	IF	CITATIONS
245	Pharmacotherapy for treatment-resistant schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2011, 7, 135.	1.0	52
246	Is serum brain-derived neurotrophic factor related to craving for or use of alcohol, cocaine, or methamphetamine?. <i>Neuropsychiatric Disease and Treatment</i> , 2011, 7, 357.	1.0	24
247	Brain-Derived Neurotrophic Factor as a Biomarker in Primary Open-Angle Glaucoma. <i>Optometry and Vision Science</i> , 2011, 88, 80-85.	0.6	56
248	Cytokine Signaling Modulates Blood-Brain Barrier Function. <i>Current Pharmaceutical Design</i> , 2011, 17, 3729-3740.	0.9	183
249	Alterations of Brain-Derived Neurotrophic Factor Serum Levels in Patients with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, no-no.	1.4	36
250	Neurodevelopmental outcome and brain-derived neurotrophic factor level in relation to feeding practice in early infancy. <i>Maternal and Child Nutrition</i> , 2011, 7, 188-197.	1.4	23
251	Decreased serum BDNF levels in major depressive patients. <i>Neurology Psychiatry and Brain Research</i> , 2011, 17, 84-88.	2.0	7
252	Plasma brain-derived neurotrophic factor concentrations in children and adolescents. <i>Neuropeptides</i> , 2011, 45, 205-211.	0.9	54
253	Brain-derived neurotrophic factor as a state-marker of mood episodes in bipolar disorders: A systematic review and meta-regression analysis. <i>Journal of Psychiatric Research</i> , 2011, 45, 995-1004.	1.5	349
254	Responses of serum neurotrophic factors to exercise in pregnant and postpartum women. <i>Psychoneuroendocrinology</i> , 2011, 36, 220-227.	1.3	45
255	Determinants of serum brain-derived neurotrophic factor. <i>Psychoneuroendocrinology</i> , 2011, 36, 228-239.	1.3	243
256	Brain-derived neurotrophic factor plasma variation during the different phases of the menstrual cycle in women with premenstrual syndrome. <i>Psychoneuroendocrinology</i> , 2011, 36, 523-530.	1.3	77
257	Aerobic exercise improves hippocampal function and increases BDNF in the serum of young adult males. <i>Physiology and Behavior</i> , 2011, 104, 934-941.	1.0	404
258	Brain-derived neurotrophic factor (BDNF) plasma levels in drug-naïve OCD patients are lower than those in healthy people, but are not lower than those in drug-treated OCD patients. <i>Journal of Affective Disorders</i> , 2011, 133, 305-310.	2.0	47
259	Correlations between brain-derived neurotrophic factor and clinical symptoms in medicated patients with major depression. <i>Journal of Affective Disorders</i> , 2011, 135, 332-335.	2.0	57
260	Brain-derived neurotrophic factor: the link between amyloid- β^2 and memory loss. <i>Future Neurology</i> , 2011, 6, 627-639.	0.9	48
261	Functional Biomarkers of Depression: Diagnosis, Treatment, and Pathophysiology. <i>Neuropsychopharmacology</i> , 2011, 36, 2375-2394.	2.8	379
262	Association among basal serum BDNF, cardiorespiratory fitness and cardiovascular disease risk factors in untrained healthy Korean men. <i>European Journal of Applied Physiology</i> , 2011, 111, 303-311.	1.2	71

#	ARTICLE	IF	CITATIONS
263	The impact of childhood abuse and recent stress on serum brain-derived neurotrophic factor and the moderating role of BDNF Val66Met. <i>Psychopharmacology</i> , 2011, 214, 319-328.	1.5	110
264	Chronic ketamine use increases serum levels of brain-derived neurotrophic factor. <i>Psychopharmacology</i> , 2011, 215, 143-148.	1.5	57
265	çÿè'è;šã~è;€æµ†ä,è,,‘æ°æ€šçÿžç»è¥á...»â>âæ°á¹³è¾¼fæ™®é€šäººç¾¼æ~¾è'—â#é«~. <i>Neuroscience Bulletin</i> , 2011, 527, 3252-329.	1.5	29
266	Low serum BDNF may indicate the development of PSD in patients with acute ischemic stroke. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 495-502.	1.3	70
267	Decreased serum brain-derived neurotrophic factor concentration in young nonobese subjects with low insulin sensitivity. <i>Clinical Biochemistry</i> , 2011, 44, 817-820.	0.8	26
268	Neuroplasticity signaling pathways linked to the pathophysiology of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 848-870.	2.9	147
269	Serum Brain-derived Neurotrophic Factor and Antidepressant-naïve Major Depression After Lung Cancer Diagnosis. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 1233-1237.	0.6	8
270	An Increase in Basal BDNF Provokes Hyperactivation of the Akt-Mammalian Target of Rapamycin Pathway and Deregulation of Local Dendritic Translation in a Mouse Model of Down's Syndrome. <i>Journal of Neuroscience</i> , 2011, 31, 9445-9455.	1.7	66
271	Higher BDNF serum levels predict slower cognitive decline in Alzheimer's disease patients. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 399-404.	1.0	145
272	A meta-analysis of circulating BDNF concentrations in anorexia nervosa. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 444-454.	1.3	65
273	Altered Neurotrophin, Neuropeptide, Cytokines and Nitric Oxide Levels in Autism. <i>Pharmacopsychiatry</i> , 2012, 45, 241-243.	1.7	69
274	Central Depletion of Brain-Derived Neurotrophic Factor in Mice Results in High Bone Mass and Metabolic Phenotype. <i>Endocrinology</i> , 2012, 153, 5394-5405.	1.4	43
275	A Study of Brain and Serum Brain-Derived Neurotrophic Factor Protein in Wistar and Wistar-Kyoto Rat Strains after Electroconvulsive Stimulus. <i>Pharmacopsychiatry</i> , 2012, 45, 244-249.	1.7	32
276	A putative model of overeating and obesity based on brain-derived neurotrophic factor: Direct and indirect effects.. <i>Behavioral Neuroscience</i> , 2012, 126, 505-514.	0.6	8
277	Estrogen-BDNF signalling in neuronal cells: toward a brain-centric approach to the cure of aging and osteoporosis. <i>IBMS BoneKEy</i> , 2012, 9, .	0.1	2
278	BDNF Serum Concentrations Show No Relationship with Diagnostic Group or Medication Status in Neurodegenerative Disease. <i>Current Alzheimer Research</i> , 2012, 9, 815-821.	0.7	17
279	Effects of natriuretic peptides upon hypothalamo-pituitary-adrenocortical system activity and anxiety behaviour. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 108, 5-13.	0.6	67
280	Inflammatory Cytokines, Growth Factors, and Depression. <i>Current Pharmaceutical Design</i> , 2012, 18, 5920-5935.	0.9	51

#	ARTICLE	IF	CITATIONS
281	Serum brain-derived neurotrophic factor, vascular endothelial growth factor and leptin levels in patients with a diagnosis of severe major depressive disorder with melancholic features. <i>Therapeutic Advances in Psychopharmacology</i> , 2012, 2, 65-74.	1.2	43
282	Circulating Brain-Derived Neurotrophic Factor Concentration Is Downregulated by Intralipid/Heparin Infusion or High-Fat Meal in Young Healthy Male Subjects. <i>Diabetes Care</i> , 2012, 35, 358-362.	4.3	58
283	Serum Protein Levels of Brain-Derived Neurotrophic Factor and Tropomyosin-Related Kinase B in Bipolar Disorder: Effects of Mood Stabilizers. <i>Neuropsychobiology</i> , 2012, 65, 65-69.	0.9	19
284	Dikkat Eksikliği ve Hiperaktivite Bozukluğu (DEHB) Tanımlanan Çocuklarda Serum Beyinden Karşılanılan Nörotrofik Faktör (BDNF) Seviyelerinin Değerlendirilmesi: Açık Bulgular. <i>Noropsikiyatri Arsivi</i> , 2012, 49, 96-101.	0.7	1
285	Alterations in Serum BDNF Levels in Early Alcohol Withdrawal and Comparison with Healthy Controls. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 210-215.	0.9	7
286	From Abnormal Hippocampal Synaptic Plasticity in Down Syndrome Mouse Models to Cognitive Disability in Down Syndrome. <i>Neural Plasticity</i> , 2012, 2012, 1-12.	1.0	50
287	Altered Serum Levels of Brain-Derived Neurotrophic Factor in Patients with Pathological Gambling. <i>European Addiction Research</i> , 2012, 18, 297-301.	1.3	20
289	Kinetics of serum brain-derived neurotrophic factor following low-intensity versus high-intensity exercise in men and women. <i>NeuroReport</i> , 2012, 23, 889-893.	0.6	76
290	Role of Stress-Related Brain-Derived Neurotrophic Factor (BDNF) in the Rat Submandibular Gland. <i>Acta Histochemica Et Cytochemica</i> , 2012, 45, 261-267.	0.8	20
291	Plasma concentrations but not serum concentrations of brain-derived neurotrophic factor are related to pro-inflammatory cytokines in patients undergoing major abdominal surgery. <i>Clinical Biochemistry</i> , 2012, 45, 631-636.	0.8	21
292	Platelet protein kinase C and brain-derived neurotrophic factor levels in borderline personality disorder patients. <i>Psychiatry Research</i> , 2012, 199, 92-97.	1.7	19
293	Decreased Plasma Brain-Derived Neurotrophic Factor Levels in Institutionalized Elderly With Depressive Disorder. <i>Journal of the American Medical Directors Association</i> , 2012, 13, 434-437.	1.2	24
294	Polycystic ovary syndrome: brain-derived neurotrophic factor (BDNF) plasma and follicular fluid levels. <i>Gynecological Endocrinology</i> , 2012, 28, 241-244.	0.7	18
295	Early reactions of brain-derived neurotrophic factor in plasma (pBDNF) and outcome to acute antidepressant treatment in patients with Major Depression. <i>Neuropharmacology</i> , 2012, 62, 264-269.	2.0	62
296	Neuroprotective and neurogenesis agent for treating bipolar II disorder: Add-on memantine to mood stabilizer works. <i>Medical Hypotheses</i> , 2012, 79, 280-283.	0.8	10
297	Various levels of plasma brain-derived neurotrophic factor in patients with tinnitus. <i>Neuroscience Letters</i> , 2012, 510, 73-77.	1.0	24
298	The concentrations of serum, plasma and platelet BDNF are all increased by treadmill VO2max performance in healthy college men. <i>Neuroscience Letters</i> , 2012, 519, 78-83.	1.0	105
299	Depression, the Val66Met polymorphism, age, and gender influence the serum BDNF level. <i>Journal of Psychiatric Research</i> , 2012, 46, 1118-1125.	1.5	77

#	ARTICLE	IF	CITATIONS
300	Repeated Exposure to Sublethal Doses of the Organophosphorus Compound VX Activates BDNF Expression in Mouse Brain. <i>Toxicological Sciences</i> , 2012, 126, 497-505.	1.4	7
301	Altered serum content of brain-derived neurotrophic factor isoforms in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 320, 161-165.	0.3	23
302	Inflammation in Patients with Schizophrenia: The Therapeutic Benefits of Risperidone Plus Add-On Dextromethorphan. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 656-664.	2.1	35
303	BDNF function as a potential mediator of bipolar disorder and post-traumatic stress disorder comorbidity. <i>Molecular Psychiatry</i> , 2012, 17, 22-35.	4.1	91
304	Long-Term Course of Brain-Derived Neurotrophic Factor Serum Levels in a Patient Treated with Deep Brain Stimulation of the Lateral Habenula. <i>Neuropsychobiology</i> , 2012, 65, 147-152.	0.9	36
305	Evaluation of brain-derived neurotrophic factor in menstrual blood and its identification in human endometrium. <i>Gynecological Endocrinology</i> , 2012, 28, 492-495.	0.7	11
306	Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , .		17
307	Hemodialysis Decreases Serum Brain-Derived Neurotrophic Factor Concentration in Humans. <i>Neurochemical Research</i> , 2012, 37, 2715-2724.	1.6	27
308	Serum BDNF Concentrations Show Strong Seasonal Variation and Correlations with the Amount of Ambient Sunlight. <i>PLoS ONE</i> , 2012, 7, e48046.	1.1	70
309	Differential effects of diazepam, tandospirone, and paroxetine on plasma brain-derived neurotrophic factor level under mental stress. <i>Human Psychopharmacology</i> , 2012, 27, 329-333.	0.7	9
310	Possible involvement of brain-derived neurotrophic factor in eating disorders. <i>IUBMB Life</i> , 2012, 64, 355-361.	1.5	27
311	DURATION OF LAST DEPRESSIVE EPISODE MAY INFLUENCE SERUM BDNF LEVELS IN REMITTED PATIENTS WITH MAJOR DEPRESSION. <i>Depression and Anxiety</i> , 2012, 29, 775-779.	2.0	15
312	Low-Dose Memantine Attenuated Morphine Addictive Behavior Through its Anti-Inflammation and Neurotrophic Effects in Rats. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 444-453.	2.1	64
313	Brainpeps: the blood-brain barrier peptide database. <i>Brain Structure and Function</i> , 2012, 217, 687-718.	1.2	66
314	Minocycline up-regulates the expression of brain-derived neurotrophic factor and nerve growth factor in experimental autoimmune encephalomyelitis. <i>European Journal of Pharmacology</i> , 2012, 686, 124-129.	1.7	19
315	Human platelet concentrates: a source of solvent/detergent-treated highly enriched brain-derived neurotrophic factor. <i>Transfusion</i> , 2012, 52, 1721-1728.	0.8	28
316	The role of BDNF in the pathophysiology and treatment of schizophrenia. <i>Journal of Psychiatric Research</i> , 2012, 46, 1-11.	1.5	164
317	Serum brain-derived neurotrophic factor level in relation to illness severity and episode duration in patients with major depression. <i>Journal of Psychiatric Research</i> , 2012, 46, 285-289.	1.5	43

#	ARTICLE	IF	CITATIONS
318	Low BDNF is associated with cognitive deficits in patients with type 2 diabetes. <i>Psychopharmacology</i> , 2013, 227, 93-100.	1.5	103
319	Modelling the endothelial blood-CNS barriers: a method for the production of robust in vitro models of the rat blood-brain barrier and blood-spinal cord barrier. <i>BMC Neuroscience</i> , 2013, 14, 59.	0.8	79
320	Personalized medicine in psychiatry: problems and promises. <i>BMC Medicine</i> , 2013, 11, 132.	2.3	192
321	Saturable Leptin Transport Across the BBB Persists in EAE Mice. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 364-370.	1.1	10
322	Serum neurotrophic factors in adolescent depression: Gender difference and correlation with clinical severity. <i>Journal of Affective Disorders</i> , 2013, 150, 415-423.	2.0	65
323	Neurotrophins, inflammation and oxidative stress as illness activity biomarkers in bipolar disorder. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 827-842.	1.4	57
324	Identification of REST-Regulated Genes and Pathways Using a REST-Targeted Antisense Approach. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 389-400.	2.0	7
325	Association between plasma brain-derived neurotrophic factor levels and personality traits in healthy Japanese subjects. <i>Psychiatry Research</i> , 2013, 210, 220-223.	1.7	11
326	Etazolate rescues behavioral deficits in chronic unpredictable mild stress model: Modulation of hypothalamic-pituitary-adrenal axis activity and brain-derived neurotrophic factor level. <i>Neurochemistry International</i> , 2013, 63, 465-475.	1.9	38
327	Lifestyle modification and behavior therapy effectively reduce body weight and increase serum level of brain-derived neurotrophic factor in obese non-diabetic patients with schizophrenia. <i>Psychiatry Research</i> , 2013, 209, 150-154.	1.7	50
328	Toward Clinically Applicable Biomarkers in Bipolar Disorder: Focus on BDNF, Inflammatory Markers, and Endothelial Function. <i>Current Psychiatry Reports</i> , 2013, 15, 425.	2.1	66
329	Are variations in whole blood BDNF level associated with the BDNF Val66Met polymorphism in patients with first episode depression?. <i>Psychiatry Research</i> , 2013, 210, 102-108.	1.7	14
330	Differential effects of glycogen synthase kinase 3 (GSK3) inhibition by lithium or selective inhibitors in the central nervous system. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 893-903.	1.4	11
331	Brain-derived neurotrophic factor Val66Met polymorphism and cognitive function in persons with cardiovascular disease. <i>Psychogeriatrics</i> , 2013, 13, 206-212.	0.6	6
332	Physical exercise modulates peripheral levels of brain-derived neurotrophic factor (BDNF): A systematic review of experimental studies in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 2013, 56, 10-15.	1.4	238
333	Changes in plasma Brain-derived neurotrophic factor (BDNF) levels induced by methylphenidate in children with Attention deficit-hyperactivity disorder (ADHD). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 47, 20-24.	2.5	46
334	Brain-derived neurotrophic factor serum levels in cocaine-dependent patients during early abstinence. <i>European Neuropsychopharmacology</i> , 2013, 23, 1078-1084.	0.3	49
335	Brain-derived neurotrophic factor: a new face of metabolic disorders. <i>Annals of Clinical Biochemistry</i> , 2013, 50, 189-190.	0.8	4

#	ARTICLE	IF	CITATIONS
336	Brain-Derived Neurotrophic Factor Serum Levels and Genotype: Association with Depression during Interferon- β Treatment. <i>Neuropsychopharmacology</i> , 2013, 38, 985-995.	2.8	77
337	Concomitant BDNF and sleep slow wave changes indicate ketamine-induced plasticity in major depressive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 301-311.	1.0	176
338	Steroid hormones and BDNF. <i>Neuroscience</i> , 2013, 239, 271-279.	1.1	123
339	Involvement of Brain-Derived Neurotrophic Factor in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 433-449.	0.6	68
340	Sex differences and the role of estrogen in animal models of schizophrenia: Interaction with BDNF. <i>Neuroscience</i> , 2013, 239, 67-83.	1.1	85
341	Brain-derived neurotrophic factor, corticotropin-releasing factor, and hypothalamic neuronal histamine interact to regulate feeding behavior. <i>Journal of Neurochemistry</i> , 2013, 125, 588-598.	2.1	16
342	Serum Brain-Derived Neurotrophic Factor Levels in Different Neurological Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	137
343	Effect of dexmedetomidine on plasma brain-derived neurotrophic factor: A double-blind, randomized and placebo-controlled study. <i>Uppsala Journal of Medical Sciences</i> , 2013, 118, 235-239.	0.4	13
344	Low serum brain derived neurotrophic factor in non-suicidal out-patients with depression: Relation to depression scores. <i>Indian Journal of Psychiatry</i> , 2013, 55, 397.	0.4	17
345	Positive therapeutic and neurotropic effects of yoga in depression: A comparative study. <i>Indian Journal of Psychiatry</i> , 2013, 55, 400.	0.4	58
346	Decreased serum levels of brain-derived neurotrophic factor in adults with attention-deficit hyperactivity disorder. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1267-1275.	1.0	56
347	Modulatory effect of coffee fruit extract on plasma levels of brain-derived neurotrophic factor in healthy subjects. <i>British Journal of Nutrition</i> , 2013, 110, 420-425.	1.2	30
348	Metabolic and Glutathione Redox Markers Associated with Brain-Derived Neurotrophic Factor in Depressed African Men and Women: Evidence for Counterregulation?. <i>Neuropsychobiology</i> , 2013, 67, 33-40.	0.9	16
349	Serum Brain-Derived Neurotrophic Factor Levels and Cocaine-Induced Transient Psychotic Symptoms. <i>Neuropsychobiology</i> , 2013, 68, 146-155.	0.9	17
350	Changes of Serum Concentrations of Brain-Derived Neurotrophic Factor (BDNF) during Treatment with Venlafaxine and Mirtazapine: Role of Medication and Response to Treatment. <i>Pharmacopsychiatry</i> , 2013, 46, 54-58.	1.7	51
351	Promoting Neuroplasticity for Motor Rehabilitation After Stroke: Considering the Effects of Aerobic Exercise and Genetic Variation on Brain-Derived Neurotrophic Factor. <i>Physical Therapy</i> , 2013, 93, 1707-1716.	1.1	245
352	Effects of Antipsychotics on the BDNF in Schizophrenia. <i>Current Medicinal Chemistry</i> , 2013, 20, 345-350.	1.2	9
353	Trauma Profile in Egyptian Adolescents With First-Episode Schizophrenia. <i>Journal of Nervous and Mental Disease</i> , 2013, 201, 23-29.	0.5	14

#	ARTICLE	IF	CITATIONS
354	Brain-derived neurotrophic factor blood levels in two models of transient brain ischemia in rats. <i>General Physiology and Biophysics</i> , 2013, 32, 139-142.	0.4	5
355	Physical Exercise during Encoding Improves Vocabulary Learning in Young Female Adults: A Neuroendocrinological Study. <i>PLoS ONE</i> , 2013, 8, e64172.	1.1	48
356	BDNF and Schizophrenia: From Neurodevelopment to Neuronal Plasticity, Learning, and Memory. <i>Frontiers in Psychiatry</i> , 2013, 4, 45.	1.3	151
357	Relationship between Brain-Derived Neurotrophic Factor and Schneiderian First Rank Symptoms in Antipsychotic-Naïve Schizophrenia. <i>Frontiers in Psychiatry</i> , 2013, 4, 64.	1.3	13
358	Effects of fluoxetine on brain-derived neurotrophic factor serum concentration and cognition in patients with vascular dementia. <i>Clinical Interventions in Aging</i> , 2014, 9, 411.	1.3	30
359	A Longitudinal Study of Alterations of Hippocampal Volumes and Serum BDNF Levels in Association to Atypical Antipsychotics in a Sample of First-Episode Patients with Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e87997.	1.1	30
360	Decreased Plasma Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Concentrations during Military Training. <i>PLoS ONE</i> , 2014, 9, e89455.	1.1	35
361	The Associations between Serum Brain-Derived Neurotrophic Factor, Potential Confounders, and Cognitive Decline: A Longitudinal Study. <i>PLoS ONE</i> , 2014, 9, e91339.	1.1	54
362	Plasma Brain-Derived Neurotrophic Factor and Reverse Dipping Pattern of Nocturnal Blood Pressure in Patients with Cardiovascular Risk Factors. <i>PLoS ONE</i> , 2014, 9, e105977.	1.1	25
363	The Brain Derived Neurotrophic Factor and Personality. <i>Advances in Biology</i> , 2014, 2014, 1-15.	1.2	16
364	Enhancing Diagnostic Accuracy of aMCI in the Elderly: Combination of Olfactory Test, Pupillary Response Test, BDNF Plasma Level, and APOE Genotype. <i>International Journal of Alzheimer's Disease</i> , 2014, 2014, 1-9.	1.1	13
365	BDNF–TrkB signaling as a therapeutic target in neuropsychiatric disorders. <i>Journal of Receptor, Ligand and Channel Research</i> , 2014, , 61.	0.7	1
366	Mood Disorders and BDNF Relationship with Alcohol Drinking Trajectories among PLWH Receiving Care. <i>Journal of Alcoholism and Drug Dependence</i> , 2014, 02, 148.	0.2	8
367	BDNF: Ein Regulator von Lern- und Gedächtnisprozessen mit klinischem Potenzial. <i>E-Neuroforum</i> , 2014, 20, 166-177.	0.2	3
368	A single bout of high-intensity aerobic exercise facilitates response to paired associative stimulation and promotes sequence-specific implicit motor learning. <i>Journal of Applied Physiology</i> , 2014, 117, 1325-1336.	1.2	181
369	BDNF blood levels after electroconvulsive therapy in patients with mood disorders: A systematic review and meta-analysis. <i>World Journal of Biological Psychiatry</i> , 2014, 15, 411-418.	1.3	89
370	BDNF and S100B in psychotic disorders: evidence for an association with treatment responsiveness. <i>Acta Neuropsychiatrica</i> , 2014, 26, 223-229.	1.0	6
371	Bihemispheric tDCS enhances language recovery but does not alter BDNF levels in chronic aphasic patients. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 367-379.	0.4	50

#	ARTICLE	IF	CITATIONS
372	Therapeutic effects of add-on low-dose dextromethorphan plus valproic acid in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2014, 24, 1753-1759.	0.3	29
373	Changes in Serum Levels of Brain Derived Neurotrophic Factor and Nerve Growth Factor in Schizophrenic Patients Before and After Treatment. <i>Scandinavian Journal of Immunology</i> , 2014, 80, 36-42.	1.3	31
374	Altered plasma glutathione levels in bipolar disorder indicates higher oxidative stress; a possible risk factor for illness onset despite normal brain-derived neurotrophic factor (BDNF) levels. <i>Psychological Medicine</i> , 2014, 44, 2409-2418.	2.7	64
375	Neuroprotective effects of physical activity on the brain: a closer look at trophic factor signaling. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 170.	1.8	225
376	Vascular Endothelial Growth Factor and Brain-Derived Neurotrophic Factor in Quetiapine Treated First-Episode Psychosis. <i>Schizophrenia Research and Treatment</i> , 2014, 2014, 1-10.	0.7	23
377	Urinary Brain-Derived Neurotrophic Factor as a Biomarker of Executive Functioning. <i>Neuropsychobiology</i> , 2014, 69, 227-234.	0.9	12
378	Val66Met polymorphism and serum brain-derived neurotrophic factor in bipolar disorder: an open-label trial. <i>Acta Psychiatrica Scandinavica</i> , 2014, 129, 393-400.	2.2	23
379	Neck cooling and cognitive performance following exercise-induced hyperthermia. <i>European Journal of Applied Physiology</i> , 2014, 114, 375-384.	1.2	80
380	Changes in the serum levels of brain-derived neurotrophic factor in adults with attention deficit hyperactivity disorder after treatment with atomoxetine. <i>Psychopharmacology</i> , 2014, 231, 1389-1395.	1.5	17
381	Peripheral Brain Derived Neurotrophic Factor (BDNF) in Bulimia Nervosa: A Systematic Review. <i>Archives of Psychiatric Nursing</i> , 2014, 28, 108-113.	0.7	8
382	Neurotrophin Strategies for Neuroprotection: Are They Sufficient?. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 182-194.	2.1	12
383	BDNF: a regulator of learning and memory processes with clinical potential. <i>E-Neuroforum</i> , 2014, 5, 1-11.	0.2	27
384	High baseline BDNF serum levels and early psychopathological improvement are predictive of treatment outcome in major depression. <i>Psychopharmacology</i> , 2014, 231, 2955-2965.	1.5	56
385	Brain-derived neurotrophic factor, but not body weight, correlated with a reduction in depression scale scores in men with metabolic syndrome: a prospective weight-reduction study. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 18.	1.2	18
386	Altered peripheral BDNF mRNA expression and BDNF protein concentrations in blood of children and adolescents with autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2014, 121, 1117-1128.	1.4	47
387	Huntington's Disease. <i>Handbook of Experimental Pharmacology</i> , 2014, 220, 357-409.	0.9	90
388	Impact of acute aerobic exercise and cardiorespiratory fitness on visuospatial attention performance and serum BDNF levels. <i>Psychoneuroendocrinology</i> , 2014, 41, 121-131.	1.3	134
389	Effect of fat free mass on serum and plasma BDNF concentrations during exercise and recovery in healthy young men. <i>Neuroscience Letters</i> , 2014, 560, 137-141.	1.0	28

#	ARTICLE	IF	CITATIONS
391	The BDNF Val66Met polymorphism and plasma brain-derived neurotrophic factor levels in Han Chinese patients with bipolar disorder and schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 99-104.	2.5	40
392	Abnormality in serum levels of mature brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in mood-stabilized patients with bipolar disorder: A study of two independent cohorts. <i>Journal of Affective Disorders</i> , 2014, 160, 1-9.	2.0	78
393	Gelatin nanostructured lipid carriers-mediated intranasal delivery of basic fibroblast growth factor enhances functional recovery in hemiparkinsonian rats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 755-764.	1.7	89
394	Acute Aerobic Exercise Increases Brain-Derived Neurotrophic Factor Levels in Elderly with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 401-408.	1.2	157
395	Intensive Rehabilitation Increases BDNF Serum Levels in Parkinsonian Patients. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 163-168.	1.4	118
396	Mechanisms of disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2014, 126, 443-460.	1.0	19
397	Applications of blood-based protein biomarker strategies in the study of psychiatric disorders. <i>Progress in Neurobiology</i> , 2014, 122, 45-72.	2.8	77
398	Acute exercise improves motor memory: Exploring potential biomarkers. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 46-58.	1.0	261
399	Decreased peripheral brain-derived neurotrophic factor levels are a biomarker of disease activity in major psychiatric disorders: a comparative meta-analysis. <i>Molecular Psychiatry</i> , 2014, 19, 750-751.	4.1	135
400	Serum levels of BDNF, folate and homocysteine: In relation to hippocampal volume and psychopathology in drug naïve, first episode schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 51-55.	1.1	40
401	Fast BDNF serum level increase and diurnal BDNF oscillations are associated with therapeutic response after partial sleep deprivation. <i>Journal of Psychiatric Research</i> , 2014, 59, 1-7.	1.5	62
402	Serum brain-derived neurotrophic factor and nerve growth factor decreased in chronic ketamine abusers. <i>Drug and Alcohol Dependence</i> , 2014, 142, 290-294.	1.6	30
403	Strength training reduces circulating interleukin-6 but not brain-derived neurotrophic factor in community-dwelling elderly individuals. <i>Age</i> , 2014, 36, 9704.	3.0	48
404	Higher Serum S100B and BDNF Levels are Correlated with a Lower Pressure-Pain Threshold in Fibromyalgia. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-46.	1.0	58
405	Mindfulness-based cognitive therapy versus psychoeducational intervention in bipolar outpatients with sub-threshold depressive symptoms: a randomized controlled trial. <i>BMC Psychiatry</i> , 2014, 14, 215.	1.1	19
406	Neurotrophic Factors, Clinical Features and Gender Differences in Depression. <i>Neurochemical Research</i> , 2014, 39, 1571-1578.	1.6	76
407	Agile delivery of protein therapeutics to CNS. <i>Journal of Controlled Release</i> , 2014, 190, 637-663.	4.8	88
408	Physical Activity, Air Pollution and the Brain. <i>Sports Medicine</i> , 2014, 44, 1505-1518.	3.1	47

#	ARTICLE	IF	CITATIONS
409	Increase of circulating BDNF levels and its relation to improvement of physical fitness following 12 weeks of combined exercise in chronic patients with schizophrenia: A pilot study. <i>Psychiatry Research</i> , 2014, 220, 792-796.	1.7	56
410	Serum level of brain derived neurotrophic factor (BDNF) among patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2014, 162, 67-72.	2.0	25
411	BDNF in late-life depression: Effect of SSRI usage and interaction with childhood abuse. <i>Psychoneuroendocrinology</i> , 2014, 43, 81-89.	1.3	15
412	Association between serum brain-derived neurotrophic factor and plasma interleukin-6 in major depressive disorder with melancholic features. <i>Brain, Behavior, and Immunity</i> , 2014, 36, 71-79.	2.0	71
413	Relationship between brain-derived neurotrophic factor and stress in saliva and salivary glands. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2014, 26, 379-389.	0.2	5
414	Serum nerve growth factor (NGF) levels in children with attention deficit/hyperactivity disorder (ADHD). <i>Neuroscience Letters</i> , 2014, 560, 107-111.	1.0	27
415	Urinary BDNF-to-creatinine ratio is associated with aerobic fitness. <i>Neuroscience Letters</i> , 2014, 559, 169-173.	1.0	4
416	Interaction between serum BDNF and aerobic fitness predicts recognition memory in healthy young adults. <i>Behavioural Brain Research</i> , 2014, 259, 302-312.	1.2	83
417	Long term habitual exercise is associated with lower resting level of serum BDNF. <i>Neuroscience Letters</i> , 2014, 566, 304-308.	1.0	49
418	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> , 2014, 47, 199-211.	1.3	45
419	Sex-specific association of brain-derived neurotrophic factor (BDNF) Val66Met polymorphism and plasma BDNF with attention-deficit/hyperactivity disorder in a drug-naïve Han Chinese sample. <i>Psychiatry Research</i> , 2014, 217, 191-197.	1.7	31
420	Serum brain-derived neurotrophic factor levels were reduced during methamphetamine early withdrawal. <i>Addiction Biology</i> , 2014, 19, 482-485.	1.4	34
421	The effects of physical activity and exercise on brain-derived neurotrophic factor in healthy humans: A review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 1-10.	1.3	333
422	BDNF: a regulator of learning and memory processes with clinical potential. <i>E-Neuroforum</i> , 2014, 20, 1-11.	0.2	4
423	Exercise increases brain-derived neurotrophic factor level in serum of horses. <i>Livestock Science</i> , 2015, 180, 253-256.	0.6	1
424	Innovative Research Exploring the Effects of Physical Activity and Genetics on Cognitive Performance in Community-Based Older Adults. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 559-568.	0.5	10
425	Peripheral brain-derived neurotrophic factor (BDNF) as a biomarker in bipolar disorder: a meta-analysis of 52 studies. <i>BMC Medicine</i> , 2015, 13, 289.	2.3	233
426	Clinical Value of Serum Neuroplasticity Mediators in Identifying the Central Sensitivity Syndrome in Patients With Chronic Pain With and Without Structural Pathology. <i>Clinical Journal of Pain</i> , 2015, 31, 959-967.	0.8	52

#	ARTICLE	IF	CITATIONS
427	Decreased serum levels of brain-derived neurotrophic factor in schizophrenic patients with deficit syndrome. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 865.	1.0	12
428	Decreased brain-derived neurotrophic factor plasma levels in psoriasis patients. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 711-714.	0.7	28
429	Serum BDNF: A Potential Biomarker for Major Depressive Disorder and Antidepressant Response Prediction. <i>Journal of Depression & Anxiety</i> , 2015, 04, .	0.1	9
430	Combined neuromodulatory interventions in acute experimental pain: assessment of melatonin and non-invasive brain stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 77.	1.0	19
431	Endurance Exercise as an "Endogenous" Neuro-enhancement Strategy to Facilitate Motor Learning. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 692.	1.0	62
433	Neuroinflammation in Sepsis: Sepsis Associated Delirium. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2015, 15, 10-18.	0.2	40
434	A Review of Biomarkers in Mood and Psychotic Disorders: A Dissection of Clinical vs. Preclinical Correlates. <i>Current Neuropharmacology</i> , 2015, 13, 324-368.	1.4	75
435	Riluzole Stimulates BDNF Release from Human Platelets. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	19
436	Relevance of Post-Stroke Circulating BDNF Levels as a Prognostic Biomarker of Stroke Outcome. Impact of rt-PA Treatment. <i>PLoS ONE</i> , 2015, 10, e0140668.	1.1	28
437	Brain-derived neurotrophic factor (BDNF) as a potential mechanism of the effects of acute exercise on cognitive performance. <i>Journal of Sport and Health Science</i> , 2015, 4, 14-23.	3.3	152
438	LPS reduces BDNF and VEGF expression in the structures of the HPA axis of chronic social stressed female rats. <i>Neuropeptides</i> , 2015, 54, 17-27.	0.9	21
439	High-intensity interval training evokes larger serum BDNF levels compared with intense continuous exercise. <i>Journal of Applied Physiology</i> , 2015, 119, 1363-1373.	1.2	160
440	BDNF as a biomarker for successful treatment of mood disorders: A systematic & quantitative meta-analysis. <i>Journal of Affective Disorders</i> , 2015, 174, 432-440.	2.0	391
441	Changes in brain-derived neurotrophic factor (BDNF) during abstinence could be associated with relapse in cocaine-dependent patients. <i>Psychiatry Research</i> , 2015, 225, 309-314.	1.7	26
442	Brain-derived neurotrophic factor correlated with muscle strength in subjects undergoing stationary bicycle exercise training. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 367-371.	1.2	24
443	Dietary DHA during development affects depression-like behaviors and biomarkers that emerge after puberty in adolescent rats. <i>Journal of Lipid Research</i> , 2015, 56, 151-166.	2.0	34
444	Epigenetics and depressive disorders: a review of current progress and future directions. <i>International Journal of Epidemiology</i> , 2015, 44, 1364-1387.	0.9	84
445	Focus on ECT seizure quality: serum BDNF as a peripheral biomarker in depressed patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 227-232.	1.8	57

#	ARTICLE	IF	CITATIONS
446	Associations Between ApoE μ 4 Carrier Status and Serum BDNF Levels—New Insights into the Molecular Mechanism of ApoE μ 4 Actions in Alzheimer’s Disease. <i>Molecular Neurobiology</i> , 2015, 51, 1271-1277.	1.9	26
447	Estrogen induced changes in uterine brain-derived neurotrophic factor and its receptors. <i>Human Reproduction</i> , 2015, 30, 925-936.	0.4	30
448	Serum BDNF as a peripheral biomarker of treatment-resistant depression and the rapid antidepressant response: A comparison of ketamine and ECT. <i>Journal of Affective Disorders</i> , 2015, 186, 306-311.	2.0	90
449	Serum brain-derived neurotrophic factor levels and psychotic symptoms in heroin dependence. <i>Comprehensive Psychiatry</i> , 2015, 62, 80-85.	1.5	8
450	Transcranial focused ultrasound as a possible treatment for major depression. <i>Medical Hypotheses</i> , 2015, 84, 381-383.	0.8	49
451	Effects of a single bout of maximal aerobic exercise on BDNF in bipolar disorder: A gender-based response. <i>Psychiatry Research</i> , 2015, 229, 57-62.	1.7	27
452	Doxorubicin and cyclophosphamide treatment produces anxiety-like behavior and spatial cognition impairment in rats: Possible involvement of hippocampal neurogenesis via brain-derived neurotrophic factor and cyclin D1 regulation. <i>Behavioural Brain Research</i> , 2015, 292, 184-193.	1.2	72
453	Nanoneurotherapeutics approach intended for direct nose to brain delivery. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1922-1934.	0.9	57
454	Endurance training upregulates the nitric oxide/soluble guanylyl cyclase/cyclic guanosine 3 α ,5 α -monophosphate pathway in the striatum, midbrain and cerebellum of male rats. <i>Brain Research</i> , 2015, 1618, 29-40.	1.1	12
455	Peripheral BDNF: a candidate biomarker of healthy neural activity during learning is disrupted in schizophrenia. <i>Psychological Medicine</i> , 2015, 45, 841-854.	2.7	24
456	Zinc monotherapy increases serum brain-derived neurotrophic factor (BDNF) levels and decreases depressive symptoms in overweight or obese subjects: A double-blind, randomized, placebo-controlled trial. <i>Nutritional Neuroscience</i> , 2015, 18, 162-168.	1.5	76
457	BDNF blood levels after non-invasive brain stimulation interventions in major depressive disorder: A systematic review and meta-analysis. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 114-122.	1.3	44
458	Short- but Not Long-Term Melatonin Administration Reduces Central Levels of Brain-Derived Neurotrophic Factor in Rats with Inflammatory Pain. <i>NeuroImmunoModulation</i> , 2015, 22, 358-364.	0.9	11
459	The Impact of Aerobic Exercise on Brain-Derived Neurotrophic Factor and Neurocognition in Individuals With Schizophrenia: A Single-Blind, Randomized Clinical Trial. <i>Schizophrenia Bulletin</i> , 2015, 41, 859-868.	2.3	164
460	BDNF Val66Met polymorphism and hippocampal volume in neuropsychiatric disorders: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 107-118.	2.9	118
461	Improvement in verbal memory following SSRI augmentation of antipsychotic treatment is associated with changes in the expression of mRNA encoding for the GABA-A receptor and BDNF in PMC of schizophrenic patients. <i>International Clinical Psychopharmacology</i> , 2015, 30, 158-166.	0.9	8
462	BDNF and cortisol levels in children with or without post-traumatic stress disorder after sustaining sexual abuse. <i>Psychoneuroendocrinology</i> , 2015, 56, 45-51.	1.3	25
463	Immune and neurotrophin stimulation by electroconvulsive therapy: is some inflammation needed after all?. <i>Translational Psychiatry</i> , 2015, 5, e609-e609.	2.4	71

#	ARTICLE	IF	CITATIONS
464	Comparison of efficacy, safety and brain derived neurotrophic factor (BDNF) levels in patients of major depressive disorder, treated with fluoxetine and desvenlafaxine. <i>Asian Journal of Psychiatry</i> , 2015, 18, 37-41.	0.9	26
465	Plasma BDNF levels associate with Pittsburgh Compound B binding in the brain. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 187-193.	1.2	21
466	Serum concentration of brain-derived neurotrophic factor in epileptic children. <i>Journal of Pediatric Neurology</i> , 2015, 07, 251-255.	0.0	1
467	The BDNF Val66Met polymorphism and plasma brain-derived neurotrophic factor levels in Han Chinese heroin-dependent patients. <i>Scientific Reports</i> , 2015, 5, 8148.	1.6	20
468	Correlation of plasma brain-derived neurotrophic factor and metabolic profiles in drug-naïve patients with bipolar II disorder after a twelve-week pharmacological intervention. <i>Acta Psychiatrica Scandinavica</i> , 2015, 131, 120-128.	2.2	13
470	Neurocognitive function, brain-derived neurotrophic factor (BDNF) and IL-6 levels in cancer patients with depression. <i>Journal of Neuroimmunology</i> , 2015, 287, 88-92.	1.1	59
471	Brain-derived neurotrophic factor correlates with functional and cognitive impairment in non-disabled older individuals. <i>Experimental Gerontology</i> , 2015, 72, 129-137.	1.2	17
472	Plasma brain-derived neurotrophic factor levels in patients suffering from post-traumatic stress disorder. <i>Psychiatry Research</i> , 2015, 229, 365-369.	1.7	15
473	Blood-brain transfer and antinociception of linear and cyclic N-methyl-guanidine and thiourea-enkephalins. <i>Peptides</i> , 2015, 63, 10-21.	1.2	8
474	Intravenous mesenchymal stem cell administration exhibits therapeutic effects against 6-hydroxydopamine-induced dopaminergic neurodegeneration and glial activation in rats. <i>Neuroscience Letters</i> , 2015, 584, 276-281.	1.0	29
475	The interplay between BDNF and oxidative stress in chronic schizophrenia. <i>Psychoneuroendocrinology</i> , 2015, 51, 201-208.	1.3	75
476	Decreased plasma levels of brain-derived neurotrophic factor (BDNF) during mixed episodes of bipolar disorder. <i>Journal of Affective Disorders</i> , 2015, 171, 167-170.	2.0	30
477	The role of neurotrophins in bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 122-128.	2.5	44
478	Intensive Rehabilitation Treatment in Early Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 123-131.	1.4	137
479	Decreased cortical thickness in drug naïve first episode schizophrenia: In relation to serum levels of BDNF. <i>Journal of Psychiatric Research</i> , 2015, 60, 22-28.	1.5	34
480	Peripheral brain-derived neurotrophic factor in schizophrenia and the role of antipsychotics: meta-analysis and implications. <i>Molecular Psychiatry</i> , 2015, 20, 1108-1119.	4.1	200
481	Impaired Thinking in Patients with Breast Cancer and Depression. <i>Journal of Palliative Care & Medicine</i> , 2016, 06, .	0.1	0
482	The role of regular physical exercise for enhancement of long-term memory in the elderly: a review of recent evidences. <i>PAJAR - Pan-American Journal of Aging Research</i> , 2016, 3, 60.	0.1	2

#	ARTICLE	IF	CITATIONS
483	Serum BDNF levels in unaffected first-degree relatives of patients with bipolar disorder. <i>Revista Brasileira De Psiquiatria</i> , 2016, 38, 197-200.	0.9	7
484	High-flavonoid intake induces cognitive improvements linked to changes in serum brain-derived neurotrophic factor: Two randomised, controlled trials. <i>Nutrition and Healthy Aging</i> , 2016, 4, 81-93.	0.5	85
485	Are the changes in the peripheral brain-derived neurotrophic factor levels due to platelet activation?. <i>World Journal of Psychiatry</i> , 2016, 6, 84.	1.3	119
486	Chronic Exercise and Cognition in Humans. , 2016, , 167-186.		1
487	The Effects of Acute Physical Exercise on Memory, Peripheral BDNF, and Cortisol in Young Adults. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	1.0	116
488	Influence of Aerobic Training and Combinations of Interventions on Cognition and Neuroplasticity after Stroke. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 164.	1.7	34
489	Insulin-Like Growth Factor 1 and Related Compounds in the Treatment of Childhood-Onset Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2016, 10, 450.	1.4	49
490	The Role of DNA Methylation and Histone Modifications in Neurodegenerative Diseases: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0167201.	1.1	90
491	MicroNeurotrophins Improve Survival in Motor Neuron-Astrocyte Co-Cultures but Do Not Improve Disease Phenotypes in a Mutant SOD1 Mouse Model of Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0164103.	1.1	18
492	Effects of acute aerobic exercise on a task-switching protocol and brain-derived neurotrophic factor concentrations in young adults with different levels of cardiorespiratory fitness. <i>Experimental Physiology</i> , 2016, 101, 836-850.	0.9	66
493	Movement impairment: Focus on the brain. <i>Journal of Neuroscience Research</i> , 2016, 94, 310-317.	1.3	13
494	BDNF DNA methylation changes as a biomarker of psychiatric disorders: literature review and open access database analysis. <i>Behavioral and Brain Functions</i> , 2016, 12, 17.	1.4	100
495	The correlation between plasma brain-derived neurotrophic factor and cognitive function in bipolar disorder is modulated by the BDNF Val66Met polymorphism. <i>Scientific Reports</i> , 2016, 6, 37950.	1.6	20
496	BDNF Responses in Healthy Older Persons to 35 Minutes of Physical Exercise, Cognitive Training, and Mindfulness: Associations with Working Memory Function. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 645-657.	1.2	122
497	Effects of brain-derived neurotrophic factor on oocyte maturation and embryonic development in a rat model of polycystic ovary syndrome. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1904.	0.1	9
498	BDNF serum levels in schizophrenic patients during treatment augmentation with sarcosine (results) Tj ETQq1 1 0.784314 rgBT /Overlo 1,7 12		
499	Age-related differences in plasma BDNF levels after prolonged bed rest. <i>Journal of Applied Physiology</i> , 2016, 120, 1118-1123.	1.2	17
500	Serum cortisol and BDNF in patients with major depression—effect of yoga. <i>International Review of Psychiatry</i> , 2016, 28, 273-278.	1.4	77

#	ARTICLE	IF	CITATIONS
501	Neuroscience-informed auditory training in schizophrenia: A final report of the effects on cognition and serum brain-derived neurotrophic factor. <i>Schizophrenia Research: Cognition</i> , 2016, 3, 1-7.	0.7	47
502	Blood-brain barrier transport kinetics of the neuromedin peptides NMU, NMN, NMB and NT. <i>Neuropharmacology</i> , 2016, 107, 460-470.	2.0	21
503	BDNF Serum Levels with Respect to Multidimensional Assessment in Amyotrophic Lateral Sclerosis. <i>Neurodegenerative Diseases</i> , 2016, 16, 192-198.	0.8	24
505	Exercise-induced neuroprotective effects on neurodegenerative diseases: the key role of trophic factors. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 723-734.	1.4	45
506	Plasma brain-derived neurotrophic factor levels are increased in patients with tinnitus and correlated with therapeutic effects. <i>Neuroscience Letters</i> , 2016, 622, 15-18.	1.0	17
507	Engineered BDNF producing cells as a potential treatment for neurologic disease. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1025-1033.	1.4	45
508	Effects of exercise on Irisin, BDNF and IL-6 serum levels in patients with progressive multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2016, 299, 53-58.	1.1	88
509	Association of Peripheral Blood Levels of Brain-Derived Neurotrophic Factor With Autism Spectrum Disorder in Children. <i>JAMA Pediatrics</i> , 2016, 170, 1079.	3.3	84
510	Relationships between serum BDNF and the antidepressant effect of acute exercise in depressed women. <i>Psychoneuroendocrinology</i> , 2016, 74, 286-294.	1.3	26
511	Brain-derived neurotrophic factor protein and mRNA levels in patients with bipolar mania – A preliminary study. <i>Biomedical Journal</i> , 2016, 39, 272-276.	1.4	18
512	How Does Exercise Reduce the Rate of Age-Associated Cognitive Decline? A Review of Potential Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1-18.	1.2	134
513	The human BDNF gene: peripheral gene expression and protein levels as biomarkers for psychiatric disorders. <i>Translational Psychiatry</i> , 2016, 6, e958-e958.	2.4	158
514	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 48-56.	1.3	71
515	Diagnostic Accuracy of Brain-derived Neurotrophic Factor and Nitric oxide in Patients with Schizophrenia. A pilot study/ Dijagnostička tačnost moždanih neurotrofičnog faktora i azot-monoksida kod obolelih od shizofrenije. Pilot studija. <i>Journal of Medical Biochemistry</i> , 2016, 35, 7-16.	0.7	3
516	Comparing clinical responses and the biomarkers of BDNF and cytokines between subthreshold bipolar disorder and bipolar II disorder. <i>Scientific Reports</i> , 2016, 6, 27431.	1.6	15
517	A prospective, longitudinal study of platelet serotonin and plasma brain-derived neurotrophic factor concentrations in major depression: effects of vortioxetine treatment. <i>Psychopharmacology</i> , 2016, 233, 3259-3267.	1.5	30
518	Relationship between body weight and the increment in serum brain-derived neurotrophic factor after oral glucose challenge in men with obesity and metabolic syndrome. <i>Medicine (United States)</i> , 2016, 95, e5260.	0.4	29
519	Alterations in pain responsiveness and serum biomarkers in juvenile myoclonic epilepsy: an age- and gender-matched controlled pilot study. <i>Future Neurology</i> , 2016, 11, 33-46.	0.9	2

#	ARTICLE	IF	CITATIONS
520	Brain-derived neurotrophic factor delivered to the brain using poly (lactide-co-glycolide) nanoparticles improves neurological and cognitive outcome in mice with traumatic brain injury. <i>Drug Delivery</i> , 2016, 23, 3520-3528.	2.5	91
521	Association of peripheral BDNF level with cognition, attention and behavior in preschool children. <i>Child and Adolescent Psychiatry and Mental Health</i> , 2016, 10, 10.	1.2	42
522	Plasma Brain-Derived Neurotrophic Factor and Psychopathology in Attempted Suicide. <i>Neuropsychobiology</i> , 2016, 73, 241-248.	0.9	6
523	Interictal serum brain-derived neurotrophic factor level reflects white matter integrity, epilepsy severity, and cognitive dysfunction in chronic temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2016, 59, 147-154.	0.9	32
524	From bloodâ€“brain barrier to bloodâ€“brain interface: new opportunities for CNS drug delivery. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 275-292.	21.5	778
525	BDNF in sleep, insomnia, and sleep deprivation. <i>Annals of Medicine</i> , 2016, 48, 42-51.	1.5	190
526	Cognitive Impairment in Schizophrenia: Interplay of BDNF and Childhood Trauma? A Review of Literature. <i>Psychiatric Quarterly</i> , 2016, 87, 559-569.	1.1	11
527	Time-Dependent Serum Brain-Derived Neurotrophic Factor Decline During Methamphetamine Withdrawal. <i>Medicine (United States)</i> , 2016, 95, e2604.	0.4	27
528	SOD1 nanozyme with reduced toxicity and MPS accumulation. <i>Journal of Controlled Release</i> , 2016, 231, 38-49.	4.8	46
529	The role of growth factors as a therapeutic approach to demyelinating disease. <i>Experimental Neurology</i> , 2016, 283, 531-540.	2.0	36
530	The effects of motor rehabilitation training on clinical symptoms and serum BDNF levels in Parkinsonâ€™s disease subjects. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 455-461.	0.7	49
531	The Differential Levels of Inflammatory Cytokines and BDNF among Bipolar Spectrum Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw012.	1.0	30
532	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016, 11, 11-23.	1.3	48
533	Relationship of circulatory BDNF with cognitive deficits in people with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2016, 362, 217-220.	0.3	44
534	Understanding Suicide. , 2016, , .		4
535	Neurotrophic growth factor responses to lower body resistance training in older adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 315-323.	0.9	32
536	Brain-Derived Neurotrophic Factor (BDNF) in Traumatic Brain Injuryâ€™Related Mortality. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 83-93.	1.4	89
537	Determinants of brain-derived neurotrophic factor (BDNF) in umbilical cord and maternal serum. <i>Psychoneuroendocrinology</i> , 2016, 63, 191-197.	1.3	30

#	ARTICLE	IF	CITATIONS
538	Preliminary Associations Between Brain-Derived Neurotrophic Factor, Memory Impairment, Functional Cognition, and Depressive Symptoms Following Severe TBI. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 419-430.	1.4	52
539	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 215-225.	1.7	118
540	Peripheral blood brain-derived neurotrophic factor in bipolar disorder: a comprehensive systematic review and meta-analysis. <i>Molecular Psychiatry</i> , 2016, 21, 216-228.	4.1	120
541	Consequences of brain-derived neurotrophic factor withdrawal in CNS neurons and implications in disease. <i>Neurobiology of Disease</i> , 2017, 97, 73-79.	2.1	59
542	Decreased peripheral brain-derived neurotrophic factor levels in Alzheimer's disease: a meta-analysis study (N=7277). <i>Molecular Psychiatry</i> , 2017, 22, 312-320.	4.1	109
543	Female gender and gastrointestinal symptoms, not brain-derived neurotrophic factor, are associated with depression and anxiety in cirrhosis. <i>Hepatology Research</i> , 2017, 47, E64-E73.	1.8	10
544	Burnout and cognitive impairment: Associated with serum BDNF in a Chinese Han population. <i>Psychoneuroendocrinology</i> , 2017, 77, 236-243.	1.3	32
545	Serum brain-derived neurotrophic factor and stability of depressive symptoms in coronary heart disease patients: A prospective study. <i>Psychoneuroendocrinology</i> , 2017, 77, 196-202.	1.3	20
546	The effects of desipramine, fluoxetine, or tianeptine on changes in bulbar BDNF levels induced by chronic social instability stress and inflammation. <i>Pharmacological Reports</i> , 2017, 69, 520-525.	1.5	8
547	Neuroprotection and neurotoxicity in the developing brain: an update on the effects of dexmedetomidine and xenon. <i>Neurotoxicology and Teratology</i> , 2017, 60, 102-116.	1.2	97
548	The Blood-Brain Barriers. , 2017, , 5-24.		2
549	Changes in fMRI activation in anterior hippocampus and motor cortex during memory retrieval after an intense exercise intervention. <i>Biological Psychology</i> , 2017, 124, 65-78.	1.1	36
550	Circadian Rhythms in Plasma Brain-derived Neurotrophic Factor Differ in Men and Women. <i>Journal of Biological Rhythms</i> , 2017, 32, 75-82.	1.4	50
551	Brain-derived neurotrophic factor levels under chronic natalizumab treatment in multiple sclerosis. A preliminary report. <i>Neurologia I Neurochirurgia Polska</i> , 2017, 51, 221-226.	0.6	8
552	Associations between social relationship measures, serum brain-derived neurotrophic factor, and risk of stroke and dementia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 229-237.	1.8	51
553	The effect of acute exercise on blood concentrations of brain-derived neurotrophic factor in healthy adults: a meta-analysis. <i>European Journal of Neuroscience</i> , 2017, 46, 1635-1646.	1.2	198
554	The positive cognitive impact of aerobic fitness is associated with peripheral inflammatory and brain-derived neurotrophic biomarkers in young adults. <i>Physiology and Behavior</i> , 2017, 179, 75-89.	1.0	42
555	The impact of cocaine on adult hippocampal neurogenesis: Potential neurobiological mechanisms and contributions to maladaptive cognition in cocaine addiction disorder. <i>Biochemical Pharmacology</i> , 2017, 141, 100-117.	2.0	37

#	ARTICLE	IF	CITATIONS
556	Determinants of Blood Brain-Derived Neurotrophic Factor Blood Levels in Patients with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1280-1287.	1.4	20
557	Releasing Mechanism of Neurotrophic Factors via Polysialic Acid. <i>Vitamins and Hormones</i> , 2017, 104, 89-112.	0.7	15
559	The brain, sirtuins, and ageing. <i>Nature Reviews Neuroscience</i> , 2017, 18, 362-374.	4.9	138
560	Kidney-brain axis inflammatory cross-talk: from bench to bedside. <i>Clinical Science</i> , 2017, 131, 1093-1105.	1.8	48
561	DNA Methylation in Major Depressive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 185-196.	0.8	30
562	Longitudinal assessment of brain-derived neurotrophic factor in Sardinian psychotic patients (LABSP): a protocol for a prospective observational study. <i>BMJ Open</i> , 2017, 7, e014938.	0.8	5
563	Differences in biomarkers of crack-cocaine adolescent users before/after abstinence. <i>Drug and Alcohol Dependence</i> , 2017, 177, 207-213.	1.6	22
564	Plasma but not serum brain-derived neurotrophic factor concentration is decreased by oral glucose tolerance test-induced hyperglycemia in children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 525-530.	0.4	5
565	Intense resistance exercise increases peripheral brain-derived neurotrophic factor. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 899-903.	0.6	51
566	Effect of a Comprehensive Intervention on Plasma BDNF in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 37-43.	1.2	19
567	Regulatory role of NGFs in neurocognitive functions. <i>Reviews in the Neurosciences</i> , 2017, 28, 649-673.	1.4	29
568	The interrelationship of metabolic syndrome and neurodegenerative diseases with focus on brain-derived neurotrophic factor (BDNF): Kill two birds with one stone. <i>Metabolic Brain Disease</i> , 2017, 32, 651-665.	1.4	76
569	The role of brain-derived neurotrophic factor and its single nucleotide polymorphisms in stroke patients. <i>Neurologia I Neurochirurgia Polska</i> , 2017, 51, 240-246.	0.6	39
570	Biomarkers for Hearing Dysfunction: Facts and Outlook. <i>Orl</i> , 2017, 79, 93-111.	0.6	33
571	Effects of prolonged abstinence from METH on the hippocampal BDNF levels, neuronal numbers and apoptosis in methamphetamine-sensitized rats. <i>Neuroscience Letters</i> , 2017, 645, 80-85.	1.0	12
572	Cellular and molecular mechanisms of the brain-derived neurotrophic factor in physiological and pathological conditions. <i>Clinical Science</i> , 2017, 131, 123-138.	1.8	93
573	Putative biological predictors of treatment response in bipolar disorders. <i>Personalized Medicine in Psychiatry</i> , 2017, 1-2, 39-58.	0.1	1
574	Cross-sectional associations of objectively measured physical activity with brain-derived neurotrophic factor in adolescents. <i>Physiology and Behavior</i> , 2017, 171, 87-91.	1.0	16

#	ARTICLE	IF	CITATIONS
575	BDNF During Withdrawal. <i>Vitamins and Hormones</i> , 2017, 104, 475-496.	0.7	24
576	Affective alterations in patients with Cushing's syndrome in remission are associated with decreased BDNF and cortisone levels. <i>European Journal of Endocrinology</i> , 2017, 176, 221-231.	1.9	28
577	Effect of Exercise Intensity on Neurotrophic Factors and Blood-Brain Barrier Permeability Induced by Oxidative-Nitrosative Stress in Male College Students. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 239-246.	1.0	39
578	Novel Blood-Based Biomarkers of Cognition, Stress, and Physical or Cognitive Training in Older Adults at Risk of Dementia: Preliminary Evidence for a Role of BDNF, Irisin, and the Kynurenine Pathway. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1097-1111.	1.2	68
579	Dose-Dependent Effects of Binge-Like Methamphetamine Dosing on Dopamine and Neurotrophin Levels in Rat Brain. <i>Neuropsychobiology</i> , 2017, 75, 63-71.	0.9	7
580	Predicting postoperative brain function from the blood: is there a role for biomarkers?. <i>British Journal of Anaesthesia</i> , 2017, 119, 291-293.	1.5	5
581	Dynamic Expression and the Role of BDNF in Exercise-induced Skeletal Muscle Regeneration. <i>International Journal of Sports Medicine</i> , 2017, 38, 959-966.	0.8	41
582	The effect of childhood trauma on serum BDNF in bipolar depression is modulated by the serotonin promoter genotype. <i>Neuroscience Letters</i> , 2017, 656, 177-181.	1.0	17
583	Correlates of early pregnancy serum brain-derived neurotrophic factor in a Peruvian population. <i>Archives of Women's Mental Health</i> , 2017, 20, 777-785.	1.2	6
584	Long-term heroin use was associated with the downregulation of systemic platelets, BDNF, and TGF- β 1, and it contributed to the disruption of executive function in Taiwanese Han Chinese. <i>Drug and Alcohol Dependence</i> , 2017, 179, 139-145.	1.6	14
585	Association of serum BDNF levels with psychotic symptom in chronic patients with treatment-resistant depression in a Chinese Han population. <i>Psychiatry Research</i> , 2017, 257, 279-283.	1.7	12
586	Brain-derived Neurotrophic Factor Is Associated With Disease Severity and Clinical Outcome in Ugandan Children Admitted to Hospital With Severe Malaria. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 146-150.	1.1	10
587	The impact of a single bout of high intensity circuit training on myokines' concentrations and cognitive functions in women of different age. <i>Physiology and Behavior</i> , 2017, 179, 290-297.	1.0	26
588	Brain-derived neurotrophic factor serum and plasma levels in the treatment of acute schizophrenia with olanzapine or risperidone: 6-week prospective study. <i>Nordic Journal of Psychiatry</i> , 2017, 71, 513-520.	0.7	18
589	BDNF as a possible modulator of EEG oscillatory response at the parietal cortex during visuo-tactile integration processes using a rubber hand. <i>Neuroscience Research</i> , 2017, 124, 16-24.	1.0	14
590	BDNF methylation in mothers and newborns is associated with maternal exposure to war trauma. <i>Clinical Epigenetics</i> , 2017, 9, 68.	1.8	94
591	Association of intraoperative changes in brain-derived neurotrophic factor and postoperative delirium in older adults. <i>British Journal of Anaesthesia</i> , 2017, 119, 324-332.	1.5	44
592	Supplementation of docosahexaenoic acid (DHA), vitamin D3 and uridine in combination with six weeks of cognitive and motor training in prepubescent children: a pilot study. <i>BMC Nutrition</i> , 2017, 3, 37.	0.6	1

#	ARTICLE	IF	CITATIONS
593	Increased serum brain-derived neurotrophic factor in male schizophrenic patients with metabolic syndrome. <i>Medicine (United States)</i> , 2017, 96, e7089.	0.4	13
594	BDNF levels are increased in peripheral blood of middle-aged amateur runners with no changes on histone H4 acetylation levels. <i>Journal of Physiological Sciences</i> , 2017, 67, 681-687.	0.9	15
595	The modulation of inflammatory parameters, Brain-derived neurotrophic factor levels and global histone H4 acetylation status in peripheral blood of patients with Gaucher disease type 1. <i>Clinical Biochemistry</i> , 2017, 50, 228-233.	0.8	9
596	APOE ϵ 4 impacts up-regulation of brain-derived neurotrophic factor after a six-month stretch and aerobic exercise intervention in mild cognitively impaired elderly African Americans: A pilot study. <i>Experimental Gerontology</i> , 2017, 87, 129-136.	1.2	50
597	Biological hypotheses and biomarkers of bipolar disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 77-103.	1.0	164
598	Peripheral Brain-Derived Neurotrophic Factor Levels in Alzheimer's Disease and Mild Cognitive Impairment: a Comprehensive Systematic Review and Meta-analysis. <i>Molecular Neurobiology</i> , 2017, 54, 7297-7311.	1.9	37
599	High-Intensity Locomotor Exercise Increases Brain-Derived Neurotrophic Factor in Individuals with Incomplete Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1240-1248.	1.7	74
600	Serum brain-derived neurotrophic factor, glial-derived neurotrophic factor, nerve growth factor, and neurotrophin-3 levels in children with attention-deficit/hyperactivity disorder. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 355-363.	2.8	36
601	Serum brain-derived neurotrophic factors in Taiwanese patients with drug-naïve first-episode schizophrenia: Effects of antipsychotics. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 382-391.	1.3	17
602	Sex differences in the effect of acute peripheral IL-1 β administration on the brain and serum BDNF and VEGF expression in rats. <i>Cytokine</i> , 2017, 90, 6-13.	1.4	5
603	Epigenetic alterations of the <i>BDNF</i> gene in combat-related posttraumatic stress disorder. <i>Acta Psychiatrica Scandinavica</i> , 2017, 135, 170-179.	2.2	59
604	Brain-Derived Neurotrophic Factor Serum Levels and Hippocampal Volume in Mild Cognitive Impairment and Dementia due to Alzheimer Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 6, 559-567.	0.6	53
605	Exercise Induced Neuroplasticity to Enhance Therapeutic Outcomes of Cognitive Remediation in Schizophrenia: Analyzing the Role of Brain derived Neurotrophic Factor. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 638-651.	0.8	24
606	Short-Duration Maximal and Long-Duration Submaximal Effort Forearm Exercise Achieve Elevations in Serum Brain-Derived Neurotrophic Factor. <i>Frontiers in Physiology</i> , 2017, 8, 746.	1.3	20
607	Theranostic Biomarkers for Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 733.	1.8	78
608	A Paleolithic Diet with and without Combined Aerobic and Resistance Exercise Increases Functional Brain Responses and Hippocampal Volume in Subjects with Type 2 Diabetes. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 391.	1.7	25
609	Neuroprotective Effects of Physical Activity: Evidence from Human and Animal Studies. <i>Frontiers in Neurology</i> , 2017, 8, 188.	1.1	93
610	Yoga, Meditation and Mind-Body Health: Increased BDNF, Cortisol Awakening Response, and Altered Inflammatory Marker Expression after a 3-Month Yoga and Meditation Retreat. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 315.	1.0	183

#	ARTICLE	IF	CITATIONS
611	The Alteration of Irisinâ€™ Brain-Derived Neurotrophic Factor Axis Parallels Severity of Distress Disorder in Bronchial Asthma Patients. <i>Frontiers in Neuroscience</i> , 2017, 11, 653.	1.4	13
612	The Effects of Aerobic Exercise on the Recovery of Walking Ability and Neuroplasticity in People with Multiple Sclerosis: A Systematic Review of Animal and Clinical Studies. <i>Multiple Sclerosis International</i> , 2017, 2017, 1-12.	0.4	18
613	The Association of Serum Levels of Brain-Derived Neurotrophic Factor with the Occurrence of and Recovery from Delirium in Older Medical Inpatients. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	12
614	Meta-analyses of comparative efficacy of antidepressant medications on peripheral BDNF concentration in patients with depression. <i>PLoS ONE</i> , 2017, 12, e0172270.	1.1	130
615	Potential unfavorable impacts of BDNF Val66Met polymorphisms on metabolic risks in average population in a longevous area. <i>BMC Geriatrics</i> , 2017, 17, 4.	1.1	13
616	Evaluation of plasma brain-derived neurotrophic factor levels and self-perceived cognitive impairment post-chemotherapy: a longitudinal study. <i>BMC Cancer</i> , 2017, 17, 867.	1.1	28
617	Grape juice increases the BDNF levels but not alter the S100B levels in hippocampus and frontal cortex from male Wistar Rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 155-161.	0.3	9
618	Effect of caloric restriction on depression. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2528-2535.	1.6	36
619	Venlafaxine prevents morphine antinociceptive tolerance: The role of neuroinflammation and the l-arginine-nitric oxide pathway. <i>Experimental Neurology</i> , 2018, 303, 134-141.	2.0	29
620	Brain derived neurotrophic factor (BDNF), its tyrosine kinase receptor B (TrkB) and nicotine. <i>NeuroToxicology</i> , 2018, 65, 186-195.	1.4	53
621	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. <i>Physiology and Behavior</i> , 2018, 191, 138-145.	1.0	26
622	Addâ€™On Memantine Treatment for Bipolar II Disorder Comorbid with Alcohol Dependence: A 12â€™Week Followâ€™Up Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1044-1050.	1.4	8
623	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntingtonâ€™s Disease Mice. <i>Molecular Neurobiology</i> , 2018, 55, 7201-7215.	1.9	14
624	The effect of trabeculectomy on serum brain-derived neurotrophic factor levels in primary open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1173-1178.	1.0	12
625	Aquarobic exercises improve the serum blood irisin and brain-derived neurotrophic factor levels in elderly women. <i>Experimental Gerontology</i> , 2018, 104, 60-65.	1.2	33
626	Prefrontal cortex modulates the correlations between brain-derived neurotrophic factor level, serotonin, and the autonomic nervous system. <i>Scientific Reports</i> , 2018, 8, 2558.	1.6	16
627	Brain-derived neurotrophic factor (BDNF) serum level in women with first-episode depression, correlation with clinical and metabolic parameters. <i>Nordic Journal of Psychiatry</i> , 2018, 72, 191-196.	0.7	10
628	Peripheral Blood Brain-Derived Neurotrophic Factor as a Biomarker of Alzheimerâ€™s Disease: Are There Methodological Biases?. <i>Molecular Neurobiology</i> , 2018, 55, 6661-6672.	1.9	54

#	ARTICLE	IF	CITATIONS
629	Biomarkers of Depression: Potential Diagnostic Tools. , 2018, , 35-51.		1
630	Aerobic Exercise: Evidence for a Direct Brain Effect to Slow Parkinson Disease Progression. Mayo Clinic Proceedings, 2018, 93, 360-372.	1.4	96
631	Plantar stimulation in parkinsonians: From biomarkers to mobility “ randomized-controlled trial. Restorative Neurology and Neuroscience, 2018, 36, 195-205.	0.4	10
632	Oxidative stress-mediated influence of plasma DPP4 activity to BDNF ratio on mild cognitive impairment in elderly type 2 diabetic patients: results from the GDMD study in China. Metabolism: Clinical and Experimental, 2018, 87, 105-112.	1.5	26
633	Chronic administration of ellagic acid improved the cognition in middle-aged overweight men. Applied Physiology, Nutrition and Metabolism, 2018, 43, 266-273.	0.9	28
634	A single session of moderate intensity walking increases brain-derived neurotrophic factor (BDNF) in the chronic post-stroke patients. Topics in Stroke Rehabilitation, 2018, 25, 1-5.	1.0	41
635	Working memory and salivary brain-derived neurotrophic factor as developmental predictors of cocaine seeking in male and female rats. Addiction Biology, 2018, 23, 868-879.	1.4	11
636	Val66Met functional polymorphism and serum protein level of brain-derived neurotrophic factor (BDNF) in acute episode of schizophrenia and depression. Pharmacological Reports, 2018, 70, 55-59.	1.5	23
637	Relationships between serum brain-derived neurotrophic factor concentration and parameters for health scores in community-dwelling older adults. Geriatrics and Gerontology International, 2018, 18, 456-461.	0.7	6
638	A comprehensive review of genetic and epigenetic mechanisms that regulate <i>BDNF</i> expression and function with relevance to major depressive disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 143-167.	1.1	100
639	Head-out immersion in hot water increases serum BDNF in healthy males. International Journal of Hyperthermia, 2018, 34, 834-839.	1.1	22
640	Nanoformulation of Brain-Derived Neurotrophic Factor with Target Receptor-Triggered Release in the Central Nervous System. Advanced Functional Materials, 2018, 28, 1703982.	7.8	54
641	Developmental origins of adult health and disease: The metabolic role of BDNF from early life to adulthood. Metabolism: Clinical and Experimental, 2018, 81, 45-51.	1.5	57
642	Decreased Serum Brain-Derived Neurotrophic Factor May Indicate the Development of Poststroke Depression in Patients with Acute Ischemic Stroke: A Meta-Analysis. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 709-715.	0.7	36
643	Exercise during pregnancy and its impact on mothers and offspring in humans and mice. Journal of Developmental Origins of Health and Disease, 2018, 9, 63-76.	0.7	36
644	Serum markers related to depression: A systematic review. Journal of Medical and Biomedical Sciences, 2018, 6, 30-42.	0.2	2
645	Memory Impairment and Plasma BDNF Correlates of the BDNF Val66Met Polymorphism in Patients With Bipolar II Disorder. Frontiers in Genetics, 2018, 9, 583.	1.1	8
646	Dual mechanisms for the regulation of brain-derived neurotrophic factor by valproic acid in neural progenitor cells. Korean Journal of Physiology and Pharmacology, 2018, 22, 679.	0.6	4

#	ARTICLE	IF	CITATIONS
647	Acute high-intensity interval exercise induces greater levels of serum brain-derived neurotrophic factor in obese individuals. <i>Experimental Biology and Medicine</i> , 2018, 243, 1153-1160.	1.1	24
648	Interplay of Brain-Derived Neurotrophic Factor and Cytokines in Schizophrenia. <i>Serbian Journal of Experimental and Clinical Research</i> , 2018, .	0.2	6
649	Cognition, serum BDNF levels, and BDNF Val66Met polymorphism in type 2 diabetes patients and healthy controls. <i>Oncotarget</i> , 2018, 9, 3653-3662.	0.8	21
650	Reduced Serum Levels of Brain-Derived Neurotrophic Factor Are Related to Mild Cognitive Impairment in Chinese Patients with Type 2 Diabetes Mellitus. <i>Annals of Nutrition and Metabolism</i> , 2018, 73, 271-281.	1.0	18
651	The effect of energy-matched exercise intensity on brain-derived neurotrophic factor and motor learning. <i>Neurobiology of Learning and Memory</i> , 2018, 156, 33-44.	1.0	23
652	Changes in the Brain-Derived Neurotrophic Factor Are Associated with Improvements in Diabetes Risk Factors after Exercise Training in Adolescents with Obesity: The HEARTY Randomized Controlled Trial. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	1.0	20
653	Exercise-induced brain-derived neurotrophic factor expression: Therapeutic implications for Alzheimer's dementia. <i>Ageing Research Reviews</i> , 2018, 48, 109-121.	5.0	116
654	The effect of exercise on resting concentrations of peripheral brain-derived neurotrophic factor (BDNF) in major depressive disorder: A meta-analysis. <i>Journal of Psychiatric Research</i> , 2018, 105, 123-131.	1.5	34
655	Daily Intermittent Normobaric Hypoxia Over 2 Weeks Reduces BDNF Plasma Levels in Young Adults – A Randomized Controlled Feasibility Study. <i>Frontiers in Physiology</i> , 2018, 9, 1337.	1.3	11
656	Exercise and circulating BDNF: Mechanisms of release and implications for the design of exercise interventions. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1095-1104.	0.9	146
657	The influence of aging on the methylation status of brain-derived neurotrophic factor gene in blood. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 1312-1318.	1.3	11
658	Postmortem Brain, Cerebrospinal Fluid, and Blood Neurotrophic Factor Levels in Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 289-300.	1.1	60
659	Brain-Derived Neurotrophic Factor in Patients With Age-Related Macular Degeneration and Its Correlation With Retinal Layer Thicknesses. , 2018, 59, 2833.		22
660	Brain-Derived Neurotrophic Factor and Major Depressive Disorder: Evidence from Meta-Analyses. <i>Frontiers in Psychiatry</i> , 2017, 8, 308.	1.3	139
661	Serum Brain-Derived Neurotrophic Factor, and Plasma Catecholamine Metabolites in People with Major Depression: Preliminary Cross-Sectional Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 52.	1.3	12
662	Association Between Objectively Measured Physical Activity and Plasma BDNF in Adolescents: DADOS Study. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 467-471.	1.1	8
663	Serial Changes of Cytokines in Children with Cerebral Palsy Who Received Intravenous Granulocyte-colony Stimulating Factor Followed by Autologous Mobilized Peripheral Blood Mononuclear Cells. <i>Journal of Korean Medical Science</i> , 2018, 33, e102.	1.1	11
664	STAT6, PBX2, and PBRM1 Emerge as Predicted Regulators of 452 Differentially Expressed Genes Associated With Puberty in Brahman Heifers. <i>Frontiers in Genetics</i> , 2018, 9, 87.	1.1	34

#	ARTICLE	IF	CITATIONS
665	Exercise-Mediated Neurogenesis in the Hippocampus via BDNF. <i>Frontiers in Neuroscience</i> , 2018, 12, 52.	1.4	311
666	Shear Containment of BDNF within Molecular Hydrogels Promotes Human Stem Cell Engraftment and Postinfarction Remodeling in Stroke. <i>Advanced Biology</i> , 2018, 2, 1800113.	3.0	28
667	Association between brain-derived neurotrophic factor and von Willebrand factor levels in patients with stable coronary artery disease. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 23.	0.7	43
668	Environmental enrichment intervention for Rett syndrome: an individually randomised stepped wedge trial. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 3.	1.2	51
669	Expression analysis of GRIN2B, BDNF, and IL-1 β genes in the whole blood of epileptic patients. <i>Neurological Sciences</i> , 2018, 39, 1945-1953.	0.9	7
670	Increased Risk-Taking Behaviour and Brain-Derived Neurotrophic Factor Val66Met Polymorphism Correlates to Decreased Serum Brain-Derived Neurotrophic Factor Level in Heroin Users. <i>European Addiction Research</i> , 2018, 24, 189-200.	1.3	10
671	In schizophrenia serum level of neurotrophin-3 (NT-3) is increased only if depressive symptoms are present. <i>Neuroscience Letters</i> , 2018, 684, 152-155.	1.0	11
672	Brain-derived neurotrophic factor in serum as an animal welfare indicator of environmental enrichment in pigs. <i>Domestic Animal Endocrinology</i> , 2018, 65, 67-70.	0.8	20
673	The effects of repeated antibiotic administration to juvenile BALB/c mice on the microbiota status and animal behavior at the adult age. <i>Heliyon</i> , 2018, 4, e00644.	1.4	63
674	An Update on Promising Biomarkers in Schizophrenia. <i>Focus (American Psychiatric Publishing)</i> , 2018, 16, 153-163.	0.4	15
675	The Serum BDNF Level Offers Minimum Predictive Value for Motor Function Recovery After Stroke. <i>Translational Stroke Research</i> , 2019, 10, 342-351.	2.3	28
676	Pulmonary rehabilitation and BDNF levels in patients with chronic obstructive pulmonary disease: A pilot study. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 63-69.	0.7	1
677	Plasma and serum brain-derived neurotrophic factor (BDNF) levels and their association with neurocognition in at-risk mental state, first episode psychosis and chronic schizophrenia patients. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 545-554.	1.3	37
678	Brain-Derived Neurotrophic Factor in Brain Disorders: Focus on Neuroinflammation. <i>Molecular Neurobiology</i> , 2019, 56, 3295-3312.	1.9	449
679	Repetitive enhancement of serum $\langle \text{BDNF} \rangle$ subsequent to continuation $\langle \text{ECT} \rangle$. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 426-434.	2.2	19
680	Serum BDNF and GDNF in Chinese male patients with deficit schizophrenia and their relationships with neurocognitive dysfunction. <i>BMC Psychiatry</i> , 2019, 19, 254.	1.1	18
681	Health Benefits of Endurance Training: Implications of the Brain-Derived Neurotrophic Factor – A Systematic Review. <i>Neural Plasticity</i> , 2019, 2019, 1-15.	1.0	19
682	Associations between serum and plasma brain-derived neurotrophic factor and influence of storage time and centrifugation strategy. <i>Scientific Reports</i> , 2019, 9, 9655.	1.6	103

#	ARTICLE	IF	CITATIONS
683	Dose-dependent relationships between chronic arsenic exposure and cognitive impairment and serum brain-derived neurotrophic factor. <i>Environment International</i> , 2019, 131, 105029.	4.8	42
684	Are preconceptional stressful experiences crucial elements for the aetiology of autism spectrum disorder? Insights from an animal model. <i>Neuropharmacology</i> , 2019, 157, 107686.	2.0	7
685	Peripheral blood brain-derived neurotrophic factor level and tyrosine kinase B expression on T lymphocytes in systemic lupus erythematosus: Implications for systemic involvement. <i>Cytokine</i> , 2019, 123, 154764.	1.4	10
686	Anti-Oxidant Activity of Gallotannin-Enriched Extract of Galla Rhois Can Associate with the Protection of the Cognitive Impairment through the Regulation of BDNF Signaling Pathway and Neuronal Cell Function in the Scopolamine-Treated ICR Mice. <i>Antioxidants</i> , 2019, 8, 450.	2.2	12
687	Reduced neonatal brain-derived neurotrophic factor is associated with autism spectrum disorders. <i>Translational Psychiatry</i> , 2019, 9, 252.	2.4	56
688	The Strategies of Nanomaterials for Traversing Blood-Brain Barrier. , 2019, , 29-57.		5
690	Sex-Specific Associations of Brain-Derived Neurotrophic Factor and Cardiorespiratory Fitness in the General Population. <i>Biomolecules</i> , 2019, 9, 630.	1.8	7
691	Acute normobaric hypoxia does not affect the simultaneous exercise-induced increase in circulating BDNF and GDNF in young healthy men: A feasibility study. <i>PLoS ONE</i> , 2019, 14, e0224207.	1.1	6
692	Roles of myokines in exercise-induced improvement of neuropsychiatric function. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 491-505.	1.3	95
693	Brain-Derived Neurotrophic Factor: A Key Molecule for Memory in the Healthy and the Pathological Brain. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 363.	1.8	740
694	Obese mice exposed to psychosocial stress display cardiac and hippocampal dysfunction associated with local brain-derived neurotrophic factor depletion. <i>EBioMedicine</i> , 2019, 47, 384-401.	2.7	49
695	Differential Effects of Physical Exercise, Cognitive Training, and Mindfulness Practice on Serum BDNF Levels in Healthy Older Adults: A Randomized Controlled Intervention Study. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1245-1261.	1.2	30
696	If my muscle could talk: Myokines as a biomarker of frailty. <i>Experimental Gerontology</i> , 2019, 127, 110715.	1.2	43
697	Growth factors and neurotrophins in patients with stress-related exhaustion disorder. <i>Psychoneuroendocrinology</i> , 2019, 109, 104415.	1.3	15
698	Differential Sympathetic Activation of Adipose Tissues by Brain-Derived Neurotrophic Factor. <i>Biomolecules</i> , 2019, 9, 452.	1.8	12
699	Physical Activity and Brain Health. <i>Genes</i> , 2019, 10, 720.	1.0	170
700	The capacity for acute exercise to modulate emotional memories: A review of findings and mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 438-449.	2.9	18
701	No evidence for altered plasma NGF and BDNF levels in fibromyalgia patients. <i>Scientific Reports</i> , 2019, 9, 13667.	1.6	19

#	ARTICLE	IF	CITATIONS
702	Screening of brain-derived neurotrophic factor (BDNF) single nucleotide polymorphisms and plasma BDNF levels among Malaysian major depressive disorder patients. <i>PLoS ONE</i> , 2019, 14, e0211241.	1.1	34
703	Brain-derived neurotrophic factor is associated with cognitive impairments in first-episode and chronic schizophrenia. <i>Psychiatry Research</i> , 2019, 273, 528-536.	1.7	47
704	Plasma Brain-Derived Neurotrophic Factor (BDNF) and serum cortisol levels in a sample of workers exposed to occupational stress and suffering from Adjustment Disorders. <i>Brain and Behavior</i> , 2019, 9, e01298.	1.0	24
705	Long-term environmental modifications affect BDNF concentrations in rat hippocampus, but not in serum. <i>Behavioural Brain Research</i> , 2019, 372, 111965.	1.2	13
706	Brain-derived neurotrophic factor as a possible predictor of electroconvulsive therapy outcome. <i>Translational Psychiatry</i> , 2019, 9, 155.	2.4	22
707	Decreased BDNF in female but not male rats after exposure to stress: a sex-sensitive rat model of stress?. <i>Stress</i> , 2019, 22, 581-591.	0.8	12
708	Effects of Exercise on Cognitive Performance in Children and Adolescents with ADHD: Potential Mechanisms and Evidence-based Recommendations. <i>Journal of Clinical Medicine</i> , 2019, 8, 841.	1.0	60
709	Prophylactic effect of physical exercise on A β ²¹⁻⁴⁰ -induced depressive-like behavior: Role of BDNF, mTOR signaling, cell proliferation and survival in the hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109646.	2.5	17
710	BDNF and serum S100B levels according the spectrum of structural pathology in chronic pain patients. <i>Neuroscience Letters</i> , 2019, 706, 105-109.	1.0	24
711	How do different physical exercise parameters modulate brain-derived neurotrophic factor in healthy and non-healthy adults? A systematic review, meta-analysis and meta-regression. <i>Science and Sports</i> , 2019, 34, 293-304.	0.2	22
712	Dexmedetomidine improves cognition after carotid endarterectomy by inhibiting cerebral inflammation and enhancing brain-derived neurotrophic factor expression. <i>Journal of International Medical Research</i> , 2019, 47, 2471-2482.	0.4	14
713	The protective role of musk on salivary glands of mice exposed to chronic unpredictable mild stress. <i>Journal of Oral Science</i> , 2019, 61, 95-102.	0.7	6
714	Suboptimal Nutrition and Low Physical Activity Are Observed Together with Reduced Plasma Brain-Derived Neurotrophic Factor (BDNF) Concentration in Children with Severe Cerebral Palsy (CP). <i>Nutrients</i> , 2019, 11, 620.	1.7	13
716	Acute and subsequent continuation electroconvulsive therapy elevates serum BDNF levels in patients with major depression. <i>Brain Stimulation</i> , 2019, 12, 1041-1050.	0.7	30
717	Impact of Route of Estrogen Administration on Bone Turnover Markers in Oligoamenorrheic Athletes and Its Mediators. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1449-1458.	1.8	16
718	<p>Evaluation of serum levels of neurotrophin 4 and brain-derived nerve growth factor in uremic pruritus patients</p>. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2019, Volume 12, 109-114.	0.8	12
719	Association between the novel seizure quality index for the outcome prediction in electroconvulsive therapy and brain-derived neurotrophic factor serum levels. <i>Neuroscience Letters</i> , 2019, 704, 164-168.	1.0	6
720	Self-Reported Physical Activity and Relations to Growth and Neurotrophic Factors in Diabetes Mellitus: The Framingham Offspring Study. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-9.	1.0	14

#	ARTICLE	IF	CITATIONS
721	A High-Intensity Exercise Boot Camp for Persons With Parkinson Disease: A Phase II, Pragmatic, Randomized Clinical Trial of Feasibility, Safety, Signal of Efficacy, and Disease Mechanisms. <i>Journal of Neurologic Physical Therapy</i> , 2019, 43, 12-25.	0.7	41
722	Multiple epigenetic biomarkers for evaluation of students' academic performance. <i>Genes, Brain and Behavior</i> , 2019, 18, e12559.	1.1	5
723	The role of neurotrophins in psychopathology and cardiovascular diseases: psychosomatic connections. <i>Journal of Neural Transmission</i> , 2019, 126, 265-278.	1.4	17
724	Resistance Exercise-Induced Responses in Physiological Factors Linked with Cognitive Health. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 39-64.	1.2	27
725	Does a HIIT modulate BDNF levels, and epigenetic and muscle damage markers in postmenopausal obese women?. <i>Comparative Exercise Physiology</i> , 2019, 15, 243-251.	0.3	3
726	Dietary Flavonoids Interaction with CREB-BDNF Pathway: An Unconventional Approach for Comprehensive Management of Epilepsy. <i>Current Neuropharmacology</i> , 2019, 17, 1158-1175.	1.4	52
727	A Longitudinal Study of Serum Brain-Derived Neurotrophic Factor Levels in First-Episode Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2019, 39, 639-643.	0.7	2
728	Sedentarism, Physical Activity, Steps, and Neurotrophic Factors in Obese Children. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2325-2333.	0.2	20
729	High-Intensity Aerobic Exercise Acutely Increases Brain-derived Neurotrophic Factor. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1698-1709.	0.2	21
730	Brain-derived neurotrophic factor and schizophrenia. <i>Psychiatric Genetics</i> , 2019, 29, 200-210.	0.6	69
731	Metabolic Healthâ€™The Role of Adipo-Myokines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6159.	1.8	34
732	BDNF, endurance activity, and mechanisms underlying the evolution of hominin brains. <i>American Journal of Physical Anthropology</i> , 2019, 168, 47-62.	2.1	18
733	Elevated brain-derived neurotrophic factor (BDNF) serum levels in an acute episode of schizophrenia in polish women: Correlation with clinical and metabolic parameters.. <i>Psychiatry Research</i> , 2019, 271, 89-95.	1.7	6
734	Antidepressant activities of escitalopram and blonanserin on prenatal and adolescent combined stress-induced depression model: Possible role of neurotrophic mechanism change in serum and nucleus accumbens. <i>Journal of Affective Disorders</i> , 2019, 247, 97-104.	2.0	15
735	Demographic and lifestyle correlates of brain-derived neurotrophic factor in a working population: The Furukawa Nutrition and Health Study. <i>Psychiatry Research</i> , 2019, 272, 581-586.	1.7	6
736	Over-expression of TGF-Î²1 gene in medication free Schizophrenia. <i>Psychoneuroendocrinology</i> , 2019, 99, 265-270.	1.3	17
737	Mental health in familial caregivers of Alzheimerâ€™s disease patients: are the effects of chronic stress on cognition inevitable?. <i>Stress</i> , 2019, 22, 83-92.	0.8	15
738	Blood-based biomarkers predicting response to antidepressants. <i>Journal of Neural Transmission</i> , 2019, 126, 47-63.	1.4	22

#	ARTICLE	IF	CITATIONS
739	Rhythmic low-field magnetic stimulation may improve depression by increasing brain-derived neurotrophic factor. <i>CNS Spectrums</i> , 2019, 24, 313-321.	0.7	11
740	Candidate metabolic biomarkers for schizophrenia in CNS and periphery: Do any possible associations exist?. <i>Schizophrenia Research</i> , 2020, 226, 95-110.	1.1	20
741	Leveraging genetics to enhance the efficacy of PTSD pharmacotherapies. <i>Neuroscience Letters</i> , 2020, 726, 133562.	1.0	7
742	Comparison Between Full-Body vs. Split-Body Resistance Exercise on the Brain-Derived Neurotrophic Factor and Immunometabolic Response. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3094-3102.	1.0	17
743	Antidepressant Drugs Correct the Imbalance Between proBDNF/p75NTR/Sortilin and Mature BDNF/TrkB in the Brain of Mice with Chronic Stress. <i>Neurotoxicity Research</i> , 2020, 37, 171-182.	1.3	28
744	Multidisciplinary rehabilitation reduces hypothalamic grey matter volume loss in individuals with preclinical Huntington's disease: A nine-month pilot study. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116522.	0.3	13
745	Ketamine-induced changes in plasma brain-derived neurotrophic factor (BDNF) levels are associated with the resting-state functional connectivity of the prefrontal cortex. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 696-710.	1.3	34
746	Exercise in multiple sclerosis and its models: Focus on the central nervous system outcomes. <i>Journal of Neuroscience Research</i> , 2020, 98, 509-523.	1.3	27
747	Comparison of serum brain-derived neurotrophic factor in dogs with and without separation anxiety. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2020, 35, 14-18.	0.5	4
748	Dipeptide IF prevents the effects of hypertension-induced Alzheimer's disease on long-term memory in the cortex of spontaneously hypertensive rats. <i>Environmental Toxicology</i> , 2020, 35, 570-581.	2.1	7
749	Brain-derived neurotrophic factor is related to stress and chewing in saliva and salivary glands. <i>Japanese Dental Science Review</i> , 2020, 56, 43-49.	2.0	13
750	Serum pro-BDNF levels correlate with phospho-tau staining in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 87, 49-59.	1.5	42
751	Impact of BDNF and sex on maintaining intact memory function in early midlife. <i>Neurobiology of Aging</i> , 2020, 88, 137-149.	1.5	12
752	Exercise Intensity and Recovery on Circulating Brain-derived Neurotrophic Factor. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1210-1217.	0.2	40
753	Association of neuronal repair biomarkers with delirium among survivors of critical illness. <i>Journal of Critical Care</i> , 2020, 56, 94-99.	1.0	6
754	The Effect of Mindfulness-Based Intervention on Brain-Derived Neurotrophic Factor (BDNF): A Systematic Review and Meta-Analysis of Controlled Trials. <i>Frontiers in Psychology</i> , 2020, 11, 2209.	1.1	19
755	Epigenetic perspective on the role of brain-derived neurotrophic factor in burnout. <i>Translational Psychiatry</i> , 2020, 10, 354.	2.4	15
756	Peripheral BDNF Response to Physical and Cognitive Exercise and Its Association With Cardiorespiratory Fitness in Healthy Older Adults. <i>Frontiers in Physiology</i> , 2020, 11, 1080.	1.3	13

#	ARTICLE	IF	CITATIONS
757	Effect of exercise and grape juice on epigenetic modulation and functional outcomes in PD: A randomized clinical trial. <i>Physiology and Behavior</i> , 2020, 227, 113135.	1.0	11
758	Value of peripheral neurotrophin levels for the diagnosis of depression and response to treatment: A systematic review and meta-analysis. <i>European Neuropsychopharmacology</i> , 2020, 41, 40-51.	0.3	49
759	Neurotrophins as a reliable biomarker for brain function, structure and cognition: A systematic review and meta-analysis. <i>Neurobiology of Learning and Memory</i> , 2020, 175, 107298.	1.0	20
760	The Exercise Prescription. , 2020, , 282-292.e6.		0
761	BDNF reverses aging-related microglial activation. <i>Journal of Neuroinflammation</i> , 2020, 17, 210.	3.1	77
762	Brain-derived neurotrophic factor in non-proliferative diabetic retinopathy with diabetic macular edema. <i>European Journal of Ophthalmology</i> , 2021, 31, 1915-1919.	0.7	4
763	Peripheral ProBDNF Delivered by an AAV Vector to the Muscle Triggers Depression-Like Behaviours in Mice. <i>Neurotoxicity Research</i> , 2020, 38, 626-639.	1.3	6
764	Plasma BDNF is a more reliable biomarker than erythrocyte omega-3 index for the omega-3 fatty acid enrichment of brain. <i>Scientific Reports</i> , 2020, 10, 10809.	1.6	14
765	Methamphetamine Increases the Proportion of SIV-Infected Microglia/Macrophages, Alters Metabolic Pathways, and Elevates Cell Death Pathways: A Single-Cell Analysis. <i>Viruses</i> , 2020, 12, 1297.	1.5	28
766	Effect of 4-Fluoro-N-(4-sulfamoylbenzyl) Benzene Sulfonamide on cognitive deficits and hippocampal plasticity during nicotine withdrawal in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110783.	2.5	6
767	Intranasal Delivery: Effects on the Neuroimmune Axes and Treatment of Neuroinflammation. <i>Pharmaceutics</i> , 2020, 12, 1120.	2.0	7
768	Exercise-Induced Elevated BDNF Level Does Not Prevent Cognitive Impairment Due to Acute Exposure to Moderate Hypoxia in Well-Trained Athletes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5569.	1.8	11
769	Can low serum brain-derived neurotrophic factor levels be associated with lifelong premature ejaculation?; A pilot study. <i>Andrologia</i> , 2020, 52, e13746.	1.0	5
770	Co-Administration of Iron and a Bioavailable Curcumin Supplement Increases Serum BDNF Levels in Healthy Adults. <i>Antioxidants</i> , 2020, 9, 645.	2.2	16
771	Interaction between job stress, serum BDNF level and the BDNF rs2049046 polymorphism in job burnout. <i>Journal of Affective Disorders</i> , 2020, 266, 671-677.	2.0	15
772	Association of circulating BDNF levels with BDNF rs6265 polymorphism in schizophrenia. <i>Behavioural Brain Research</i> , 2020, 394, 112832.	1.2	14
773	Connecting Mind-Body Therapy-Mediated Effects to Pathological Features of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 82, 1-26.	1.2	4
774	Circulating Brain-Derived Neurotrophic Factor, Antioxidant Enzymes Activities, and Mitochondrial DNA in Bipolar Disorder: An Exploratory Report. <i>Frontiers in Psychiatry</i> , 2020, 11, 514658.	1.3	11

#	ARTICLE	IF	CITATIONS
775	Is there a relationship between morphological and functional platelet changes and depressive disorder?. <i>CNS Spectrums</i> , 2020, , 1-34.	0.7	3
776	Lower brain-derived neurotrophic factor levels are associated with age-related memory impairment in community-dwelling older adults: the Sefuri study. <i>Scientific Reports</i> , 2020, 10, 16442.	1.6	33
777	Brain-derived neurotrophic factor and cortisol levels negatively predict working memory performance in healthy males. <i>Neurobiology of Learning and Memory</i> , 2020, 175, 107308.	1.0	4
778	Plasma Exosomal Brain-Derived Neurotrophic Factor Correlated with the Postural Instability and Gait Disturbanceâ€‘Related Motor Symptoms in Patients with Parkinsonâ€™s Disease. <i>Diagnostics</i> , 2020, 10, 684.	1.3	17
779	The physiology of regulated BDNF release. <i>Cell and Tissue Research</i> , 2020, 382, 15-45.	1.5	91
780	The Effect of Aerobic Exercise on Physical and Cognitive Outcomes in a Small Cohort of Outpatients with Schizophrenia. <i>Brain Plasticity</i> , 2020, 5, 161-174.	1.9	16
781	Brain-Derived Neurotrophic Factor in the Cerebrospinal Fluid Increases During Electroconvulsive Therapy in Patients With Depression. <i>Journal of ECT</i> , 2020, 36, 193-197.	0.3	8
782	Platelets Selectively Regulate the Release of BDNF, But Not That of Its Precursor Protein, proBDNF. <i>Frontiers in Immunology</i> , 2020, 11, 575607.	2.2	31
783	Acute Systemic Response Of BDNF, Lactate and Cortisol to Strenuous Exercise Modalities in Healthy Untrained Women. <i>Dose-Response</i> , 2020, 18, 155932582097081.	0.7	9
784	Serum brainâ€‘derived neurotrophic factor in the diagnosis of febrile seizure. <i>Pediatrics International</i> , 2021, 63, 1082-1086.	0.2	2
785	The genetics of circulating BDNF: towards understanding the role of BDNF in brain structure and function in middle and old ages. <i>Brain Communications</i> , 2020, 2, fcaa176.	1.5	14
786	Increased ratio of mature BDNF to precursor-BDNF in patients with major depressive disorder with severe anhedonia. <i>Journal of Psychiatric Research</i> , 2020, 126, 92-97.	1.5	14
787	S100B and brain derived neurotrophic factor in monozygotic twins with, at risk of and without affective disorders. <i>Journal of Affective Disorders</i> , 2020, 274, 726-732.	2.0	4
788	Serum BDNF Levels Are Reduced in Patients with Disorders of Consciousness and Are Not Modified by Verticalization with Robot-Assisted Lower-Limb Training. <i>Neural Plasticity</i> , 2020, 2020, 1-7.	1.0	10
789	DNA Methylation and Brainâ€‘Derived Neurotrophic Factor Expression Account for Symptoms and Widespread Hyperalgesia in Patients With Chronic Fatigue Syndrome and Comorbid Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2020, 72, 1936-1944.	2.9	28
790	Towards an understanding of the physical activity-BDNF-cognition triumvirate: A review of associations and dosage. <i>Ageing Research Reviews</i> , 2020, 60, 101044.	5.0	62
791	Hypothesized Mechanisms Through Which Exercise May Attenuate Memory Interference. <i>Medicina (Lithuania)</i> , 2020, 56, 129.	0.8	7
792	Acute increases in brain-derived neurotrophic factor in plasma following physical exercise relates to subsequent learning in older adults. <i>Scientific Reports</i> , 2020, 10, 4395.	1.6	47

#	ARTICLE	IF	CITATIONS
793	Is Blood Brain-Derived Neurotrophic Factor a Useful Biomarker to Monitor Mild Cognitive Impairment Patients?. <i>Rejuvenation Research</i> , 2020, 23, 411-419.	0.9	10
794	Psychological distress and lack of PINK1 promote bioenergetics alterations in peripheral blood mononuclear cells. <i>Scientific Reports</i> , 2020, 10, 9820.	1.6	6
795	Feeding and food availability modulate brain-derived neurotrophic factor, an orexigen with metabolic roles in zebrafish. <i>Scientific Reports</i> , 2020, 10, 10727.	1.6	14
796	Early changes of serum BDNF and SSRI response in adolescents with major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 265, 325-332.	2.0	28
797	The Relationships Between Stress, Mental Disorders, and Epigenetic Regulation of BDNF. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1375.	1.8	53
798	Association between plasma dipeptidyl peptidase-4 activity to brain-derived neurotrophic factor ratio and depressive symptoms in middle-aged and older adults with normal glucose tolerance: A cross-sectional study. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 642-650.	1.3	1
799	Clinical value of a set of neuropeptides in term and preterm neonates with seizures: Brain derived neurotrophic factor, galanin and neuropeptide Y. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 168-174.	0.8	5
800	Evaluation of Biochemical and Epigenetic Measures of Peripheral Brain-Derived Neurotrophic Factor (BDNF) as a Biomarker in Huntington's Disease Patients. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 335.	1.4	41
801	Association between BDNF gene polymorphisms and attention deficit hyperactivity disorder in school-aged children in Wuhan, China. <i>Journal of Affective Disorders</i> , 2020, 264, 304-309.	2.0	13
802	Serum Brain-Derived Neurotrophic Factor Levels Are Associated with Skeletal Muscle Function but Not with Muscle Mass in Patients with Heart Failure. <i>International Heart Journal</i> , 2020, 61, 96-102.	0.5	11
803	Effect of 9 weeks continuous vs. interval aerobic training on plasma BDNF levels, aerobic fitness, cognitive capacity and quality of life among seniors with mild to moderate Alzheimer's disease: a randomized controlled trial. <i>European Review of Aging and Physical Activity</i> , 2020, 17, 2.	1.3	34
804	Among Adolescents, BDNF and Pro-BDNF Lasting Changes with Alcohol Use Are Stage Specific. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	1.0	12
805	Lactate and BDNF: Key Mediators of Exercise Induced Neuroplasticity?. <i>Journal of Clinical Medicine</i> , 2020, 9, 1136.	1.0	84
806	CSF levels of a set of neurotrophic factors (brain-derived neurotrophic factor, nerve growth factor) and neuropeptides (neuropeptide Y, galanin) in epileptic children. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 41-45.	0.8	3
807	BDNF and the Antidepressant Effects of Ketamine and Propofol in Electroconvulsive Therapy: A Preliminary Study. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 901-908.	1.0	9
808	From the gut to the heart: L. plantarum and inulin administration as a novel approach to control cardiac apoptosis via 5-HT2B and TrkB receptors in diabetes. <i>Clinical Nutrition</i> , 2021, 40, 190-201.	2.3	7
809	Mapping of predictors of the disengagement of the descending inhibitory pain modulation system in fibromyalgia: an exploratory study. <i>British Journal of Pain</i> , 2021, 15, 221-233.	0.7	16
810	Effect of vortioxetine vs. escitalopram on plasma BDNF and platelet serotonin in depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110016.	2.5	21

#	ARTICLE	IF	CITATIONS
811	Diet and depression: exploring the biological mechanisms of action. <i>Molecular Psychiatry</i> , 2021, 26, 134-150.	4.1	265
812	Brain-derived neurotrophic factor in bipolar disorder: Associations with age at onset and illness duration. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110075.	2.5	8
813	Alpha7 nicotinicâ€”methylâ€”aspartate hypothesis in the treatment of schizophrenia and beyond. <i>Human Psychopharmacology</i> , 2021, 36, 1-16.	0.7	12
814	Depression: Biological markers and treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110139.	2.5	46
815	Sexâ€”specific behavioral and neurogenic responses to cocaine in mice lacking and blocking dopamine <scp>D1</scp> or dopamine <scp>D2</scp> receptors. <i>Journal of Comparative Neurology</i> , 2021, 529, 1724-1742.	0.9	1
816	Physical exercise stimulates hippocampal mTORC1 and FNDC5/irisin signaling pathway in mice: Possible implication for its antidepressant effect. <i>Behavioural Brain Research</i> , 2021, 400, 113040.	1.2	11
817	Plasma brain-derived neurotrophic factor and dynamic cerebral autoregulation in acute response to glycemic control following breakfast in young men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R69-R79.	0.9	4
818	Escitalopram and blonanserin as antidepressant agents linking in neurotrophic mechanisms. , 2021, , 369-379.		0
820	Brain Imaging and the Mechanisms of Antidepressant Action. , 2021, , 248-260.		0
821	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders. , 2021, , 39-48.		0
822	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder. , 2021, , 236-247.		0
823	Cerebral Hemodynamic and Neurotrophic Factor Responses Are Dependent on the Type of Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 609935.	1.3	14
824	Regenerative nanomedicine applications for neurodegenerative diseases of central nervous system. , 2021, , 259-287.		1
825	Effect of pedaling cadence on serum levels of brain-derived neurotrophic factor during ergometric exercise in healthy adults. <i>Sport Sciences for Health</i> , 2021, 17, 543-549.	0.4	0
826	Magnetoencephalography Studies in Mood Disorders. , 2021, , 192-205.		0
828	Functional Near-Infrared Spectroscopy Studies in Mood Disorders. , 2021, , 166-174.		0
830	Neuroimaging Studies of Effects of Psychotherapy in Depression. , 2021, , 261-272.		0
831	Is Serum BDNF Altered in Acute, Short- and Long-Term Recovered Restrictive Type Anorexia Nervosa?. <i>Nutrients</i> , 2021, 13, 432.	1.7	7

#	ARTICLE	IF	CITATIONS
832	A Load to Find Clinically Useful Biomarkers for Depression. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1305, 175-202.	0.8	4
833	Neuroimaging Brain Inflammation in Mood Disorders. , 2021, , 121-134.		0
834	Alpha-Melanocyte-Stimulating Hormone is Elevated in Hypothalamic Obesity Associated with Childhood Craniopharyngioma. <i>Obesity</i> , 2021, 29, 402-408.	1.5	5
835	An Overview of Machine Learning Applications in Mood Disorders. , 2021, , 206-218.		0
836	Effects of nutritional interventions on BDNF concentrations in humans: a systematic review. <i>Nutritional Neuroscience</i> , 2022, 25, 1425-1436.	1.5	30
837	BDNF and nicotine dependence: associations and potential mechanisms. <i>Reviews in the Neurosciences</i> , 2021, 32, 79-91.	1.4	9
838	Electrophysiological Biomarkers for Mood Disorders. , 2021, , 175-191.		1
839	Biomarkers for bipolar disorder. , 2021, , 347-356.		0
840	Upregulating Effect of Wheat on Brain-Derived Neurotrophic Factor in Human Lung Adenocarcinoma A549 Cells. <i>Journal of Oleo Science</i> , 2021, 70, 867-874.	0.6	1
841	Linking Huntington disease, brain-derived neurotrophic factor, and depressive-like behaviors. , 2021, , 161-177.		2
842	Neuroanatomical Findings in Bipolar Disorder. , 2021, , 16-27.		0
843	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders. , 2021, , 105-120.		0
844	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders. , 2021, , 83-104.		0
845	Brain Imaging Methods in Mood Disorders. , 2021, , 1-6.		0
846	Effects of Lithium on Brain Structure in Bipolar Disorder. , 2021, , 219-235.		1
847	Blood Brain-Derived Neurotrophic Factor (BDNF) and Major Depression: Do We Have a Translational Perspective?. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 626906.	1.0	60
848	The microRNA-195 - BDNF pathway and cognitive deficits in schizophrenia patients with minimal antipsychotic medication exposure. <i>Translational Psychiatry</i> , 2021, 11, 117.	2.4	12
849	AdipoRon Treatment Induces a Dose-Dependent Response in Adult Hippocampal Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2068.	1.8	11

#	ARTICLE	IF	CITATIONS
850	Brain-derived neurotrophic factor levels in newly diagnosed patients with bipolar disorder, their unaffected first-degree relatives and healthy controls. <i>BJPsych Open</i> , 2021, 7, e55.	0.3	9
851	Serum level of brain-derived neurotrophic factor in patients with relapsing-remitting multiple sclerosis: a potential biomarker for disease activity. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2021, 57, .	0.4	8
852	Fitness Shifts the Balance of BDNF and IL-6 from Inflammation to Repair among People with Progressive Multiple Sclerosis. <i>Biomolecules</i> , 2021, 11, 504.	1.8	13
853	Expression of Selected Genes Involved in Neurogenesis in the Etiopathogenesis of Depressive Disorders. <i>Journal of Personalized Medicine</i> , 2021, 11, 168.	1.1	6
854	Understanding the Neurophysiological and Molecular Mechanisms of Exercise-Induced Neuroplasticity in Cortical and Descending Motor Pathways: Where Do We Stand?. <i>Neuroscience</i> , 2021, 457, 259-282.	1.1	25
855	Effects of acupuncture versus cognitive behavioral therapy on brain-derived neurotrophic factor in cancer survivors with insomnia: an exploratory analysis. <i>Acupuncture in Medicine</i> , 2021, 39, 637-645.	0.4	6
857	Role of the Intestinal Microbiome, Intestinal Barrier and Psychobiotics in Depression. <i>Nutrients</i> , 2021, 13, 927.	1.7	55
858	Serum BDNF as a Potential Biomarker of Alzheimer's Disease: Verification Through Assessment of Serum, Cerebrospinal Fluid, and Medial Temporal Lobe Atrophy. <i>Frontiers in Neurology</i> , 2021, 12, 653267.	1.1	35
859	The improvement of cognitive deficits after whole-body cryotherapy – A randomised controlled trial. <i>Experimental Gerontology</i> , 2021, 146, 111237.	1.2	13
860	Effect of four different forms of high intensity training on BDNF response to Wingate and Graded Exercise Test. <i>Scientific Reports</i> , 2021, 11, 8599.	1.6	14
861	Targeting the blood-brain barrier for the delivery of stroke therapies. <i>Advanced Drug Delivery Reviews</i> , 2021, 171, 332-351.	6.6	63
862	The impact of physical exercise on hippocampus, in physiological condition and ageing-related decline: current evidence from animal and human studies. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, .	0.9	6
863	The effects of interval training on peripheral brain derived neurotrophic factor (BDNF) in young adults: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 8937.	1.6	15
864	Multiple Roles in Neuroprotection for the Exercise Derived Myokine Irisin. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 649929.	1.7	44
865	Peripheral BDNF correlated with miRNA in BD-II patients. <i>Journal of Psychiatric Research</i> , 2021, 136, 184-189.	1.5	9
866	Physical Exercise-Induced Myokines in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5795.	1.8	23
867	Effects of Aerobic Exercise Training on Systemic Biomarkers and Cognition in Late Middle-Aged Adults at Risk for Alzheimer's Disease. <i>Frontiers in Endocrinology</i> , 2021, 12, 660181.	1.5	55
868	Frontotemporal Transcranial Direct Current Stimulation Decreases Serum Mature Brain-Derived Neurotrophic Factor in Schizophrenia. <i>Brain Sciences</i> , 2021, 11, 662.	1.1	6

#	ARTICLE	IF	CITATIONS
869	New Horizon: Exercise and a Focus on Tissue-Brain Crosstalk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2147-2163.	1.8	15
870	Current Methodological Pitfalls and Caveats in the Assessment of Exercise-Induced Changes in Peripheral Brain-Derived Neurotrophic Factor: How Result Reproducibility Can Be Improved. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	0.6	0
871	Peptides Derived from Growth Factors to Treat Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6071.	1.8	10
872	Altered levels of interleukins and neurotrophic growth factors in mood disorders and suicidality: an analysis from periphery to central nervous system. <i>Translational Psychiatry</i> , 2021, 11, 341.	2.4	20
873	Higher Serum Brain-Derived Neurotrophic Factor Levels Are Associated With a Lower Risk of Cognitive Decline: A 2-Year Follow Up Study in Community-Dwelling Older Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 641608.	1.0	5
874	BDNF as a Biomarker of Cognition in Schizophrenia/Psychosis: An Updated Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 662407.	1.3	33
875	Comparison of the effects of open- and closed-skill exercise on cognition and peripheral proteins: A cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0251907.	1.1	11
876	Sex Differences in the Association of HOMA-IR Index and BDNF in Han Chinese Patients With Chronic Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 656230.	1.3	6
877	Expression of brain-derived neurotrophic factor in rapid ejaculator rats: A further study. <i>Andrologia</i> , 2021, 53, e14134.	1.0	4
878	Decreased Serum Brain-Derived Neurotrophic Factor Concentrations 72 Hours Following Marathon Running. <i>Frontiers in Physiology</i> , 2021, 12, 668454.	1.3	3
879	Plasma level of brain-derived neurotrophic factor (BDNF) in patients with postpartum depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110245.	2.5	10
880	Kinetics of serum brain-derived neurotrophic factor (BDNF) concentration levels in epileptic patients after generalized tonic-clonic seizures. <i>Epilepsy Research</i> , 2021, 173, 106612.	0.8	9
881	Serum proBDNF Is Associated With Changes in the Ketone Body β -Hydroxybutyrate and Shows Superior Repeatability Over Mature BDNF: Secondary Outcomes From a Cross-Over Trial in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 716594.	1.7	10
882	Variable alterations in plasma erythropoietin and brain-derived neurotrophic factor levels in patients with major depressive disorder with and without a history of suicide attempt. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110324.	2.5	5
883	New Avenues for the Treatment of Huntington's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8363.	1.8	55
884	Association Between Components of Cognitive Reserve and Serum BDNF in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 725914.	1.7	9
885	Moderate Exercise Combined with Enriched Environment Enhances Learning and Memory through BDNF/TrkB Signaling Pathway in Rats. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8283.	1.2	13
886	The Central Mechanisms of Resistance Training and Its Effects on Cognitive Function. <i>Sports Medicine</i> , 2021, 51, 2483-2506.	3.1	20

#	ARTICLE	IF	CITATIONS
887	Relationship between cytokines and brain-derived neurotrophic factor (BDNF) in trajectories of cancer-related cognitive impairment. <i>Cytokine</i> , 2021, 144, 155556.	1.4	21
888	Brain-derived neurotrophic factor in relation to central obesity in children with sleep disordered breathing. <i>Archives of Medical Science</i> , 2021, 17, 1332-1339.	0.4	4
889	Endogenous Deficiency of Brain-Derived Neurotrophic Factor Induces the Downregulation of Tryptophan Hydroxylase-2 Expression in Raphe Nuclei of Rapid Ejaculator Rats. <i>Journal of Sexual Medicine</i> , 2021, 18, 1491-1499.	0.3	3
890	Acute effects of high-intensity interval training and moderate-intensity continuous exercise on BDNF and irisin levels and neurocognitive performance in late middle-aged and older adults. <i>Behavioural Brain Research</i> , 2021, 413, 113472.	1.2	29
891	BDNF genotype Val66Met interacts with acute plasma BDNF levels to predict fear extinction and recall. <i>Behaviour Research and Therapy</i> , 2021, 145, 103942.	1.6	4
892	Exergame training-induced neuroplasticity and cognitive improvement in institutionalized older adults: A preliminary investigation. <i>Physiology and Behavior</i> , 2021, 241, 113589.	1.0	7
893	DNA methylations of brain-derived neurotrophic factor exon VI are associated with major depressive disorder and antidepressant-induced remission in females. <i>Journal of Affective Disorders</i> , 2021, 295, 101-107.	2.0	17
894	Peripheral BDNF levels in psychiatric patients with and without a history of suicide attempt: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110342.	2.5	20
895	Neuroimaging Biomarkers in Pediatric Mood Disorders. , 2021, , 28-38.		0
896	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus. , 2021, , 7-15.		0
897	Functional Connectome in Bipolar Disorder. , 2021, , 59-82.		0
898	Resting-State Functional Connectivity in Unipolar Depression. , 2021, , 49-58.		0
899	Imaging Genetic and Epigenetic Markers in Mood Disorders. , 2021, , 135-150.		0
900	fMRI Neurofeedback as Treatment for Depression. , 2021, , 151-165.		0
901	Bicarbonate supplementation via lactate efflux improves anaerobic and cognitive performance in elite combat sport athletes. <i>Biology of Sport</i> , 2021, 38, 545-553.	1.7	3
902	Humoral Factors in Humans Participating in Different Types of Exercise and Training. , 2012, , 169-196.		2
903	Blood-Brain Barrier Drug Targeting Enables Neuroprotection in Brain Ischemia Following Delayed Intravenous Administration of Neurotrophins. <i>Advances in Experimental Medicine and Biology</i> , 2003, 513, 397-430.	0.8	60
904	Peptide transport across the blood-brain barrier. , 2003, 61, 79-100.		16

#	ARTICLE	IF	CITATIONS
905	Biochemical Markers. , 2016, , 155-176.		2
906	BDNF influences neural cue-reactivity to food stimuli and food craving in obesity. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 963-974.	1.8	11
907	Blood brain-derived neurotrophic factor as a biomarker of Alzheimer's disease. , 2020, , 281-296.		1
908	Permeability of the Bloodâ€”Brain Barrier to Neurotrophic Peptides. , 2006, , 1435-1441.		2
909	Transport of Cytokines and Neurotrophins across the Bloodâ€”Brain Barrier and Their Regulation after Spinal Cord Injury. , 2004, , 395-407.		8
910	Association of Plasma DPP4 Activity and Brain-Derived Neurotrophic Factor With Moderate to Severe Depressive Symptoms in Patients With Type 2 Diabetes: Results From a Cross-Sectional Study. Psychosomatic Medicine, 2020, 82, 350-358.	1.3	11
911	Combination of dextromethorphan and memantine in treating bipolar spectrum disorder: a 12-week double-blind randomized clinical trial. International Journal of Bipolar Disorders, 2020, 8, 11.	0.8	7
912	Tachykinins and Tachykinin Receptor Antagonists in Depression: Therapeutic Implications. , 2011, , 350-357.		7
913	Peripheral administration of brain-derived neurotrophic factor to Rett syndrome animal model: A possible approach for the treatment of Rett syndrome. Medical Science Monitor, 2012, 18, HY33-HY36.	0.5	10
914	BDNF as a biomarker in the course and treatment of schizophrenia. Psychiatria Polska, 2015, 49, 1149-1158.	0.2	35
915	Biomarker Development for Brain-Based Disorders: Recent Progress in Psychiatry. Journal of Neurology and Psychology, 2013, 01, 7.	2.0	11
916	Circulating Brain-Derived Neurotrophic Factor and Indices of Metabolic and Cardiovascular Health: Data from the Baltimore Longitudinal Study of Aging. PLoS ONE, 2010, 5, e10099.	1.1	180
917	Brain-Derived Neurotrophic Factor Ameliorates Brain Stem Cardiovascular Dysregulation during Experimental Temporal Lobe Status Epilepticus. PLoS ONE, 2012, 7, e33527.	1.1	23
918	Rescue of Retinal Function by BDNF in a Mouse Model of Glaucoma. PLoS ONE, 2014, 9, e115579.	1.1	103
919	Blood BDNF Level Is Gender Specific in Severe Depression. PLoS ONE, 2015, 10, e0127643.	1.1	73
920	Cell-Penetrating Peptides Selectively Cross the Blood-Brain Barrier In Vivo. PLoS ONE, 2015, 10, e0139652.	1.1	161
921	Brain-Derived Neurotrophic Factor and Antidepressive Effect of Electroconvulsive Therapy: Systematic Review and Meta-Analyses of the Preclinical and Clinical Literature. PLoS ONE, 2015, 10, e0141564.	1.1	87
922	Quorum Sensing Peptides Selectively Penetrate the Blood-Brain Barrier. PLoS ONE, 2015, 10, e0142071.	1.1	42

#	ARTICLE	IF	CITATIONS
923	Neurogenic Effects of Cell-Free Extracts of Adipose Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0148691.	1.1	6
924	Improvement in resilience and stress-related blood markers following ten months yoga practice in Antarctica. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 201-207.	0.4	7
925	Determining the Intracortical Responses After a Single Session of Aerobic Exercise in Young Healthy Individuals: A Systematic Review and Best Evidence Synthesis. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 562-575.	1.0	10
926	Daily serum and salivary BDNF levels correlate with morning-evening personality type in women and are affected by light therapy. <i>Rivista Di Psichiatria</i> , 2012, 47, 527-34.	0.6	23
927	The influence of brain-derived neurotrophic factor (BDNF) in the pathogenesis of chronic tension-type headache. <i>Russian Journal of Pain</i> , 2020, 18, 5.	0.2	2
928	Treadmill Exercise Prevents Learning and Memory Impairment in Alzheimer's Disease-Like Pathology. <i>Current Alzheimer Research</i> , 2013, 10, 507-515.	0.7	83
929	Clinical and Environmental Correlates of Serum BDNF: A Descriptive Study with Plausible Implications for AD Research. <i>Current Alzheimer Research</i> , 2017, 14, 722-730.	0.7	12
930	Distinctive Effects of Aerobic and Resistance Exercise Modes on Neurocognitive and Biochemical Changes in Individuals with Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2019, 16, 316-332.	0.7	82
931	Blood Brain Barrier and Alzheimer's Disease: Similarity and Dissimilarity of Molecular Alerts. <i>Current Neuropharmacology</i> , 2018, 16, 769-785.	1.4	19
932	Brain Derived Neurotrophic Factor and Cognitive Status: The Delicate Balance Among People Living with HIV, with and without Alcohol Abuse. <i>Current HIV Research</i> , 2014, 12, 254-264.	0.2	11
933	Irisin protects the substantia nigra dopaminergic neurons in the rat model of Parkinson's disease. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 722-728.	1.0	15
934	The effect of 12-weeks concurrent training on the serum levels NGF, BDNF, and VDBP in women with multiple sclerosis. <i>International Journal of Applied Exercise Physiology</i> , 2018, 7, 77-86.	0.4	10
935	Brain-Derived Neurotrophic Factor Treatment Increases the Skeletal Muscle Glucose Transporter 4 Protein Expression in Mice. <i>Physiological Research</i> , 2010, 59, 619-623.	0.4	18
936	Brain-Derived Neurotrophic Factor (BDNF) protein levels in anxiety disorders: systematic review and meta-regression analysis. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 55.	1.0	166
937	Níveis Séricos do BDNF na Proteção Cardiovascular e em Resposta ao Exercício. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 263-269.	0.3	13
938	Neuroinflammation and microglia/macrophage phenotype modulate the molecular background of post-stroke depression: A literature review. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 2510-2523.	0.8	22
939	Discordant peripheral levels of brain-derived neurotrophic factor and serotonin are associated with enhanced emotional intelligence in men.. <i>Psychology and Neuroscience</i> , 2014, 7, 609-618.	0.5	4
940	Risk and Resilience: The Role of Brain-derived Neurotrophic Factor in Alcohol Use Disorder. <i>AIMS Neuroscience</i> , 2016, 3, 398-432.	1.0	10

#	ARTICLE	IF	CITATIONS
941	Marijuana use among adolescents is associated with deleterious alterations in mature BDNF. <i>AIMS Public Health</i> , 2019, 6, 4-14.	1.1	9
942	Brain-Derived Neurotrophic Factor and Initial Antidepressant Response to an <i>N</i> -Methyl-D-Aspartate Antagonist. <i>Journal of Clinical Psychiatry</i> , 2009, 70, 1662-1666.	1.1	131
943	Effects of Rapastinel (Formerly GLYX-13) on Serum Brain-Derived Neurotrophic Factor in Obsessive-Compulsive Disorder. <i>Journal of Clinical Psychiatry</i> , 2018, 79, 17111824.	1.1	4
944	Cognitive training in neurodegenerative diseases: a way to boost neuroprotective molecules?. <i>Neural Regeneration Research</i> , 2015, 10, 1754.	1.6	3
945	A review of peripheral brain-derived neurotrophic factor levels in alcohol-dependent patients: Current understanding. <i>Indian Journal of Psychiatry</i> , 2020, 62, 15.	0.4	7
946	Differences in BDNF Serum Levels in Patients with Alzheimer's Disease and Mild Cognitive Impairment. <i>African Journal of Psychiatry</i> , 2015, 18, .	0.1	2
947	Decreased Serum Brain-Derived Neurotrophic Factor Levels in Elderly Korean with Dementia. <i>Psychiatry Investigation</i> , 2009, 6, 299.	0.7	94
948	Brain-Derived Neurotrophic Factor Gene Val66Met Polymorphism Is a Risk Factor for Attention-Deficit Hyperactivity Disorder in a Turkish Sample. <i>Psychiatry Investigation</i> , 2016, 13, 518.	0.7	8
949	Decreased Plasma BDNF Levels of Patients with Somatization Disorder. <i>Psychiatry Investigation</i> , 2016, 13, 526.	0.7	7
950	Effects of a Psychobiotic Supplement on Serum Brain-derived Neurotrophic Factor Levels in Depressive Patients: A Post Hoc Analysis of a Randomized Clinical Trial. <i>Journal of Neurogastroenterology and Motility</i> , 2020, 26, 486-495.	0.8	42
951	Brain-derived neurotrophic factor as a potential biomarker of cognitive recovery in schizophrenia. <i>World Journal of Psychiatry</i> , 2013, 3, 93.	1.3	4
952	Serum Brain-Derived Neurotrophic Factor Levels Are Associated with Dysomnia in Females, but not Males, among Japanese Workers. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 649-654.	1.4	14
953	Running-induced Functional Mobility Improvement in the Elderly Males is Driven by Enhanced Plasma BDNF Levels and the Modulation of Global Histone H4 Acetylation Status. <i>Middle East Journal of Rehabilitation and Health Studies</i> , 2017, In Press, .	0.1	5
954	The Relationship Between Brain-derived Neurotrophic Factor, Serotonin, Physical Fitness, Energy Expenditure and Exercise Intensity in Children. <i>The Korean Journal of Obesity</i> , 2013, 22, 107.	0.2	1
955	Brain-derived neurotrophic factor serum levels in genetically isolated populations: gender-specific association with anxiety disorder subtypes but not with anxiety levels or Val66Met polymorphism. <i>PeerJ</i> , 2015, 3, e1252.	0.9	18
956	You can't fix what isn't broken: eight weeks of exercise do not substantially change cognitive function and biochemical markers in young and healthy adults. <i>PeerJ</i> , 2018, 6, e4675.	0.9	16
957	A Review of Brain-derived Neurotrophic Factor as a Candidate Biomarker in Schizophrenia. <i>Clinical Psychopharmacology and Neuroscience</i> , 2012, 10, 61-70.	0.9	65
958	Therapeutic Modalities for Treatment Resistant Depression: Focus on Vagal Nerve Stimulation and Ketamine. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 83-93.	0.9	29

#	ARTICLE	IF	CITATIONS
959	Physical Exercise and Brain-Derived Neurotrophic Factor Concentration in Children and Adolescents: A Systematic Review With Meta-Analysis. <i>Pediatric Exercise Science</i> , 2022, 34, 44-53.	0.5	7
960	Increased plasma brain-derived neurotrophic factor (BDNF) as a potential biomarker for and compensatory mechanism in mild cognitive impairment: a case-control study. <i>Aging</i> , 2021, 13, 22666-22689.	1.4	11
961	Epigenetic studies in suicidal ideation and behavior. <i>Psychiatric Genetics</i> , 2021, Publish Ahead of Print, 205-215.	0.6	4
962	Meningitis in a view of Cytokines. <i>Japanese Journal of Clinical Immunology</i> , 2000, 23, 1-11.	0.0	0
963	State of Art of Serum Brain-Derived Neurotrophic Factor in Schizophrenia. , 0, , .		1
965	Effects of Acute Soccer Game on Serum Levels of Neurotrophins and Neurocognitive Functions in Male Adolescents. <i>Journal of Life Science</i> , 2012, 22, 1444-1450.	0.2	2
966	Blood Brain-Derived Neurotrophic Factor Levels and Mood Disorders. , 2014, , 1633-1642.		0
967	Serum Brain-derived Neurotrophic Factor Levels Following Electroconvulsive Therapy in Treatment-resistant Depressed Patients. <i>Journal of St Marianna University</i> , 2015, 6, 253-261.	0.1	0
968	Alteration of Brain-Derived Neurotrophic Factor Levels in Panic Disorder. <i>Journal of Korean Neuropsychiatric Association</i> , 2015, 54, 482.	0.2	1
969	â€ˆTwo Hitâ€™ Neurodevelopmental Mechanisms in Schizophrenia: Focus on Animal Models and the Role of BDNF. , 2015, , 335-351.		1
970	The contents of neurospecific enolase and neurotrophic growth factor in the cord blood of healthy full-term newborns elective planned caesarean section surgery and spontaneous delivery. <i>Journal of Obstetrics and Women's Diseases</i> , 2015, 64, 38-42.	0.0	2
971	Wachstumsfaktoren unter besonderer BerÃ¼cksichtigung des muskuloskelettalen Systems. , 2018, , 171-228.		0
972	Exercise-induced time-dependent changes in plasma BDNF levels in people with schizophrenia. <i>Journal of Novel Physiotherapy and Physical Rehabilitation</i> , 2018, 5, 001-006.	0.1	1
973	Low BDNF concentrations in schizophrenia may be caused by non-linearity of BDNF correlation with age caused by its interaction with sex. <i>Alcoholism and Psychiatry Research</i> , 2018, 54, 21-32.	0.3	1
974	The Role of Brain-Derived Neurotrophic Factor in Mediating the Action of Antidepressants in the Treatment of Depression. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2019, 74, 20-28.	0.2	1
975	EducaÃ§Ã£o fÃsica e o fator neurotrÃ³fico derivado do cÃ©rebro (BDNF) na aprendizagem escolar. , 0, 17, e019005.		2
976	Effects of Antipsychotic Treatment on S100B and Oxidative Stress in Patients with Schizophrenia. <i>Global Clinical and Translational Research</i> , 2019, , 120-127.	0.4	0
977	Blood-brain barrier transport kinetics of NOTA-modified proteins: the somatropin case. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 64, 105-114.	0.4	0

#	ARTICLE	IF	CITATIONS
978	Brain-Derived Neurotrophic Factor Up-Regulation by the Methanol Extract of Foxtail Millet in Human Peripheral Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2020, 66, 284-288.	0.2	4
979	An Intense, But Ecologically Valid, Resistance Exercise Session Does Not Alter Growth Factors Associated With Cognitive Health. <i>Journal of Aging and Physical Activity</i> , 2020, 28, 605-612.	0.5	2
980	The Role of Brain-Derived Neurotrophic Factor and Glial Cell Line-Derived Neurotrophic Factor in Chronic Fetal Oxygen Deprivation. <i>Sovremennyye Tehnologii V Medicine</i> , 2020, 12, 25.	0.4	2
981	The Relationship between Serum Brain-Derived Neurotrophic Level and Neurocognitive Functions in Chronic Methamphetamine Users. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
982	The Utility of BDNF Detection in Assessing Severity of Huntingtonâ€™s Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 5181.	1.0	3
983	The Effects of Acute Cardiovascular Exercise on Memory and Its Associations With Exercise-Induced Increases in Neurotrophic Factors. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 750401.	1.7	1
984	Relationship between levels of physical activity and brain derived neurotrophic factor in peripheral blood of monozygotic twins. <i>Comparative Exercise Physiology</i> , 2020, 16, 319-324.	0.3	0
987	Serum brain-derived neurotrophic factor and peripheral indicators of the serotonin system in underweight and weight-recovered adolescent girls and women with anorexia nervosa. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 323-9.	1.4	35
993	Role of brain-derived neurotrophic factor in the molecular neurobiology of major depressive disorder. <i>Translational Perioperative and Pain Medicine</i> , 2017, 4, 20-30.	0.0	5
994	Changes in white matter microstructure and MRI-derived cerebral blood flow after 1-week of exercise training. <i>Scientific Reports</i> , 2021, 11, 22061.	1.6	9
995	Tai chi effects on balance in older adults: the role of sustained attention and myokines. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.4	3
996	Comparison of the effects of open vs. closed skill exercise on the acute and chronic BDNF, IGF-1 and IL-6 response in older healthy adults. <i>BMC Neuroscience</i> , 2021, 22, 71.	0.8	11
997	Accelerometer-Measured, Habitual Physical Activity and Circulating Brain-Derived Neurotrophic Factor: A Cross-Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 805-814.	1.2	2
998	Effects of plateletâ€™rich plasma on the memory impairment, apoptosis, and hippocampal synaptic plasticity in a rat model of hepatic encephalopathy. <i>Brain and Behavior</i> , 2022, 12, e32447.	1.0	6
999	Muscle-brain communication in pain: The key role of myokines. <i>Brain Research Bulletin</i> , 2022, 179, 25-35.	1.4	7
1000	MTORC1 signaling as a biomarker in major depressive disorder and its pharmacological modulation by novel rapid-acting antidepressants. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532110368.	1.2	7
1001	Neurotrophin-3 and neurotrophin-4: The unsung heroes that lies behind the meninges. <i>Neuropeptides</i> , 2022, 92, 102226.	0.9	14
1002	Brain-derived neurotrophic factor and inflammation in depression: Pathogenic partners in crime?. <i>World Journal of Psychiatry</i> , 2022, 12, 77-97.	1.3	46

#	ARTICLE	IF	CITATIONS
1003	Risk of neurodegeneration among residents of electronic waste recycling areas. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113132.	2.9	2
1004	TGF- β 1 in plasma and cerebrospinal fluid can be used as a biological indicator of chronic pain in patients with osteoarthritis. <i>PLoS ONE</i> , 2022, 17, e0262074.	1.1	5
1005	The role of plasticity in the recovery of consciousness. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022, 184, 375-395.	1.0	9
1006	Alteration of cerebral perfusion and cortical thickness in depression episodes: a comparative MRI study. <i>Journal of Health Sciences and Medicine</i> , 2022, 5, 38-44.	0.0	0
1007	Elevated Peripheral Brain-Derived Neurotrophic Factor Level Associated With Decreasing Insulin Secretion May Forecast Memory Dysfunction in Patients With Long-Term Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2021, 12, 686838.	1.3	2
1008	Profiling classical neuropsychiatric biomarkers across biological fluids and following continuous lumbar puncture: A guide to sample type and time. <i>Comprehensive Psychoneuroendocrinology</i> , 2022, 10, 100116.	0.7	1
1009	Association between brain-derived neurotrophic factor (BDNF), high-sensitivity C-reactive protein (hs-CRP) and psychiatric symptoms in medicated and unmedicated patients. <i>BMC Psychiatry</i> , 2022, 22, 84.	1.1	6
1010	Tai chi improves depressive symptoms among community-dwelling older persons by mediating BDNF methylation: A preliminary study. <i>Geriatric Nursing</i> , 2022, 44, 137-142.	0.9	3
1011	Structure-activity relationship and bioactivity studies of neurotrophic <i>trans</i> -banglene. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2187-2193.	1.5	0
1012	Exercise to spot the differences: a framework for the effect of exercise on hippocampal pattern separation in humans. <i>Reviews in the Neurosciences</i> , 2022, 33, 555-582.	1.4	4
1013	Effects of high-intensity interval training on blood lactate levels and cognition in healthy adults: protocol for systematic review and network meta-analyses. <i>Systematic Reviews</i> , 2022, 11, 31.	2.5	4
1014	Cognitive Improvement After Aerobic and Resistance Exercise Is Not Associated With Peripheral Biomarkers. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 853150.	1.0	7
1015	Peripheral Blood Levels of Brain-Derived Neurotrophic Factor in Patients with First Episode Psychosis: A Systematic Review and Meta-Analysis. <i>Brain Sciences</i> , 2022, 12, 414.	1.1	3
1016	Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients. <i>Gut Microbes</i> , 2022, 14, 2007042.	4.3	15
1017	Plasma BDNF and Cytokines Correlated with Protein Biomarkers for Bipolar II Disorder. <i>Journal of Personalized Medicine</i> , 2021, 11, 1282.	1.1	3
1018	Altered protein secretion in Batten disease. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	16
1019	Brain-derived neurotrophic factor in war veterans with or without a history of suicide attempt. <i>Journal of Affective Disorders</i> , 2022, 308, 160-165.	2.0	3
1034	The role of neurotrophins related to stress in saliva and salivary glands. <i>Histology and Histopathology</i> , 2010, 25, 1317-30.	0.5	31

#	ARTICLE	IF	CITATIONS
1035	Serum Levels of Brain Derived Neurotrophic Factor, Nerve Growth Factor, Neurotrophin 3, and Glial Derived Neurotrophic Factor in Children with Specific Learning Disorder. <i>Noropsikiyatri Arsivi</i> , 2022, , .	0.2	0
1036	Comparison of brain-derived neurotrophic factor among subtypes of exudative age-related macular degeneration. <i>European Journal of Ophthalmology</i> , 2022, , 112067212210994.	0.7	0
1037	Hippocampal Volume and Plasma Brain-Derived Neurotrophic Factor Levels in Patients With Depression and Healthy Controls. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	8
1038	BDNF and Pro-BDNF in Amyotrophic Lateral Sclerosis: A New Perspective for Biomarkers of Neurodegeneration. <i>Brain Sciences</i> , 2022, 12, 617.	1.1	8
1039	Effect of Single Bout of Moderate and High Intensity Interval Exercise on Brain Derived Neurotrophic Factor and Working Memory in Young Adult Females. <i>Brain Plasticity</i> , 2022, , 1-8.	1.9	1
1040	Cannabinoids and the endocannabinoid system in fibromyalgia: A review of preclinical and clinical research. , 2022, 240, 108216.		13
1042	Evidence of brain-derived neurotrophic factor in ameliorating cancer-related cognitive impairment: A systematic review of human studies. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103748.	2.0	9
1043	Unraveling protein dynamics to understand the brain â€“ the next molecular frontier. <i>Molecular Neurodegeneration</i> , 2022, 17, .	4.4	5
1044	The change of serum and CSF BDNF level as a prognosis predictor in traumatic brain injury cases: A systematic review. , 0, 13, 250.		1
1045	Blood levels of brain-derived neurotrophic factor (BDNF) in people with multiple sclerosis (MS): A systematic review and meta-analysis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 65, 103984.	0.9	16
1046	The Athleteâ€™s Paradox: Adaptable Depression. <i>Sports</i> , 2022, 10, 105.	0.7	3
1047	PEG-Free Polyion Complex Nanocarriers for Brain-Derived Neurotrophic Factor. <i>Pharmaceutics</i> , 2022, 14, 1391.	2.0	2
1048	Is Brain-Derived Neurotrophic Factor a Metabolic Hormone in Peripheral Tissues?. <i>Biology</i> , 2022, 11, 1063.	1.3	7
1049	A Brief Overview on BDNF-Trk Pathway in the Nervous System: A Potential Biomarker or Possible Target in Treatment of Multiple Sclerosis?. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	15
1050	Brain Derived Neurotrophic Factor as a Non-invasive Biomarker for Detection of Endometriosis. <i>Journal of Reproduction and Infertility</i> , 0, , .	1.0	1
1051	Association between plasma levels of BDNF and GDNF and the diagnosis, treatment response in first-episode MDD. <i>Journal of Affective Disorders</i> , 2022, 315, 190-197.	2.0	13
1052	Is BDNF related to spatial-temporal gait parameters in people with multiple sclerosis? An observational study. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 66, 104064.	0.9	1
1053	The Neurobiological Links between Stress and Traumatic Brain Injury: A Review of Research to Date. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9519.	1.8	0

#	ARTICLE	IF	CITATIONS
1054	Association of serum brain-derived neurotrophic factor with hepatic enzymes, AST/ALT ratio, and FIB-4 index in middle-aged and older women. <i>PLoS ONE</i> , 2022, 17, e0273056.	1.1	1
1055	Cellular and Molecular Regulation of Exerciseâ€™A Neuronal Perspective. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1551-1571.	1.7	7
1056	Longitudinal alterations in mRNA expression of the BDNF neurotrophin signaling cascade in blood correlate with changes in depression scores in patients undergoing electroconvulsive therapy. <i>European Neuropsychopharmacology</i> , 2022, 63, 60-70.	0.3	6
1057	Features of headache in young persons with different phenotypes of masked arterial hypertension. <i>Russian Journal of Pain</i> , 2022, 20, 10.	0.2	0
1058	Effects of Music Therapy on Neuroplasticity, Welfare, and Performance of Piglets Exposed to Music Therapy in the Intra- and Extra-Uterine Phases. <i>Animals</i> , 2022, 12, 2211.	1.0	4
1060	Acute effects of two different work-to-rest ratio of high-intensity interval training on brain-derived neurotrophic factor in untrained young men. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	0
1061	Association between descending pain modulatory system and cognitive impairment in fibromyalgia: A cross-sectional exploratory study. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	4
1063	Structural changes and neurotrophic factors upregulation in submandibular gland in a rat model of depression: proposed correlation with stress indicators during and after the relief of depression. <i>Anatomical Science International</i> , 0, , .	0.5	0
1065	Weak Social Networks in Late Life Predict Incident Alzheimerâ€™s Disease: The Kuakini Honolulu-Asia Aging Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 0, , .	1.7	3
1066	Exploring the association between brain-derived neurotrophic factor levels and longitudinal psychopathological and cognitive changes in Sardinian psychotic patients. <i>European Psychiatry</i> , 2022, 65, .	0.1	0
1067	Association of plasma brain-derived neurotrophic factor levels and frailty in community-dwelling older adults. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
1068	Association of plasma brain-derived neurotrophic factor with Alzheimerâ€™s disease and its influencing factors in Chinese elderly population. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
1069	THE EFFECT OF AN 8-WEEK ANAEROBIC GYMNASTICS TRAINING ON BDNF, VEGF, AND SOME PHYSIOLOGICAL CHARACTERISTICS IN CHILDREN. <i>Science of Gymnastics Journal</i> , 2020, 12, 381-394.	0.2	0
1070	BDNF as a potential predictive biomarker for patients with pediatric cerebral palsy. <i>F1000Research</i> , 0, 11, 1347.	0.8	0
1071	Impaired synaptic plasticity in an animal model of autism exhibiting early hippocampal GABAergic-BDNF/TrkB signaling alterations. <i>IScience</i> , 2023, 26, 105728.	1.9	8
1072	Effects of neuronavigation-guided rTMS on serum BDNF, TrkB and VGF levels in depressive patients with suicidal ideation. <i>Journal of Affective Disorders</i> , 2023, 323, 617-623.	2.0	5
1073	Islamic praying changes stress-related hormones and genes. <i>Journal of Medicine and Life</i> , 2022, 15, 483-488.	0.4	0
1074	The physiological mechanism and effect of resistance exercise on cognitive function in the elderly people. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	7

#	ARTICLE	IF	CITATIONS
1075	An integrated cytokine and kynurenine network as the basis of neuroimmune communication. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	12
1076	Alcohol Withdrawal and the Associated Mood Disorders—A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14912.	1.8	3
1077	Brain-derived neurotrophic factor (BDNF) in perinatal depression: Side show or pivotal factor?. <i>Drug Discovery Today</i> , 2023, 28, 103467.	3.2	9
1078	Converging Evidence Points to BDNF as Biomarker of Depressive Symptoms in Schizophrenia-Spectrum Disorders. <i>Brain Sciences</i> , 2022, 12, 1666.	1.1	7
1079	Increase in Effect of Citrus natsudaidai on Brain-Derived Neurotrophic Factor. <i>Journal of Oleo Science</i> , 2023, , .	0.6	2
1080	Fasting for 20h does not affect exercise-induced increases in circulating BDNF in humans. <i>Journal of Physiology</i> , 2023, 601, 2121-2137.	1.3	8
1081	Difference in Methylation and Expression of Brain-Derived Neurotrophic Factor in Alzheimer's Disease and Mild Cognitive Impairment. <i>Biomedicines</i> , 2023, 11, 235.	1.4	4
1082	Suicide and Neurotrophin Factors: A Systematic Review of the Correlation between BDNF and GDNF and Self-Killing. <i>Healthcare (Switzerland)</i> , 2023, 11, 78.	1.0	3
1083	The Role of Brain-Derived Neurotrophic Factor (BDNF) in Diagnosis and Treatment of Epilepsy, Depression, Schizophrenia, Anorexia Nervosa and Alzheimer's Disease as Highly Drug-Resistant Diseases: A Narrative Review. <i>Brain Sciences</i> , 2023, 13, 163.	1.1	10
1084	Peripheral brain-derived neurotrophic factor (BDNF) and salivary cortisol levels in college students with different levels of academic stress. Study protocol. <i>PLoS ONE</i> , 2023, 18, e0282007.	1.1	6
1085	Combined Training Improves Executive Functions Without Changing Brain-Derived Neurotrophic Factor Levels of Middle-Aged and Older Adults with Type 2 Diabetes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2023, 131, 345-353.	0.6	0
1086	Effect of acupuncture in the acute phase of intracerebral hemorrhage on the prognosis and serum BDNF: a randomized controlled trial. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
1087	The role of the brain-derived neurotrophic factor (BDNF) in anorexia nervosa. <i>Psychoneuroendocrinology</i> , 2023, 151, 106069.	1.3	4
1088	Interpolyelectrolyte Complexes as an Emerging Technology for Pharmaceutical Delivery of Polypeptides. <i>Reviews and Advances in Chemistry</i> , 2022, 12, 137-162.	0.2	1
1089	Initial and ongoing tobacco smoking elicits vascular damage and distinct inflammatory response linked to neurodegeneration. <i>Brain, Behavior, & Immunity - Health</i> , 2023, 28, 100597.	1.3	3
1090	BDNF as a biomarker for neuropathic pain: Consideration of mechanisms of action and associated measurement challenges. <i>Brain and Behavior</i> , 2023, 13, .	1.0	10
1091	Physical activity for cognitive health promotion: An overview of the underlying neurobiological mechanisms. <i>Ageing Research Reviews</i> , 2023, 86, 101868.	5.0	22
1092	Aerobic exercise in the treatment of PTSD: An examination of preclinical and clinical laboratory findings, potential mechanisms, clinical implications, and future directions. <i>Journal of Anxiety Disorders</i> , 2023, 94, 102680.	1.5	10

#	ARTICLE	IF	CITATIONS
1093	Serum and cerebrospinal fluid BDNF concentrations are associated with neurological and cognitive improvement in multiple sclerosis: A pilot study. <i>Multiple Sclerosis and Related Disorders</i> , 2023, 71, 104567.	0.9	1
1094	Longitudinal Changes in BDNF and MMP-9 Protein Plasma Levels in Children after Cochlear Implantation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3714.	1.8	1
1095	Relationship Between Serum Levels of Brain-Derived Neurotrophic Factor (BDNF) and Hearing Loss and Tinnitus. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2023, 75, 507-513.	0.3	1
1096	The Influence of Conventional and Innovative Rehabilitation Methods on Brain Plasticity Induction in Patients with Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2023, 12, 1880.	1.0	4
1097	Mechanisms underlying the effect of voluntary running on adult hippocampal neurogenesis. <i>Hippocampus</i> , 2023, 33, 373-390.	0.9	5
1098	Perspectives on pain in Down syndrome. <i>Medicinal Research Reviews</i> , 2023, 43, 1411-1437.	5.0	0
1099	Serum brain-derived neurotrophic factor as diagnosis clue for Alzheimer's disease: A cross-sectional observational study in the elderly. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	3
1100	Brain-derived neurotrophic factor (BDNF) in schizophrenia research: a quantitative review and future directions. <i>AIMS Neuroscience</i> , 2023, 10, 5-32.	1.0	2
1101	Oxidative stress and inflammatory process in borderline personality disorder (BPD): a narrative review. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 56, .	0.7	3
1102	Relationship between Brain-Derived Neurotrophic Factor and Cognitive Decline in Patients with Mild Cognitive Impairment and Dementia. <i>Biomolecules</i> , 2023, 13, 570.	1.8	6
1103	Safflower seed oil, a rich source of linoleic acid, stimulates hypothalamic neurogenesis <i>in vivo</i> . <i>Anatomy and Cell Biology</i> , 2023, 56, 219-227.	0.5	1
1104	Glia-Neurotrophic Factor Relationships: Possible Role in Pathobiology of Neuroinflammation-Related Brain Disorders. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6321.	1.8	2
1105	Effects of recreational SCUBA diving practiced once a week on neurohormonal response and myokines-mediated communication between muscles and the brain. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	0
1106	Serum BDNF levels increase during early drug withdrawal in alcohol and crack cocaine addiction. <i>Alcohol</i> , 2023, , .	0.8	0
1107	Modulation of neurotrophic factors in the treatment of dementia, stroke and TBI: Effects of Cerebrolysin. <i>Medicinal Research Reviews</i> , 2023, 43, 1668-1700.	5.0	7
1108	Maternal exposure to fine particulate matter and brain-derived neurotrophic factor (BDNF) in the fetus: A prospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2023, 257, 114912.	2.9	1
1140	Pharmaceutics and new material. , 2024, , 603-685.		0