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The impact of age, weight and gender on BDNF levels in human platelets and plasma

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#	Paper	IF	Citations
656	Human umbilical cord blood progenitors: the potential of these hematopoietic cells to become neural. <b>2005</b> , 23, 1560-70		106
655	Brain-derived neurotrophic factor in platelets and airflow limitation in asthma. <b>2005</b> , 171, 115-20		94
654	Regulation of brain-derived neurotrophic factor (BDNF) during sleep apnoea treatment. <b>2005</b> , 60, 688-92		23
653	High concentrations of plasma brain-derived neurotrophic factor in methamphetamine users. <b>2005</b> , 388, 112-5		70
652	Neurotrophins in clinical diagnostics: pathophysiology and laboratory investigation. <b>2005</b> , 352, 49-74		51
651	Serum brain-derived neurotrophic factor is decreased in bipolar disorder during depressive and manic episodes. <b>2006</b> , 398, 215-9		311
650	Brain-derived neurotrophic factor (BDNF) changes in the serum of depressed women. <b>2006</b> , 30, 1256-60		159
649	Reduced serum levels of brain-derived neurotrophic factor in adult male patients with autism. <b>2006</b> , 30, 1529-31		94
648	Restoration of long-term potentiation in middle-aged hippocampus after induction of brain-derived neurotrophic factor. <b>2006</b> , 96, 677-85		124
647	Effect of repetitive transcranial magnetic stimulation on serum brain derived neurotrophic factor in drug resistant depressed patients. <b>2006</b> , 91, 83-6		118
646	Acute BDNF and cortisol response to low intensity exercise and following ramp incremental exercise to exhaustion in humans. <b>2006</b> , 1121, 59-65		238
645	Associations between serum brain-derived neurotrophic factor levels and clinical phenotypes in schizophrenia patients. <b>2006</b> , 40, 664-8		100
644	Maternal serum concentrations of BDNF and depression in the perinatal period. <b>2006</b> , 31, 388-94		83
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641	Letter regarding article by Ejiri et al, "possible role of brain-derived neurotrophic factor in the pathogenesis of coronary artery disease". <b>2006</b> , 113, e724; author reply e724-5		7
640	The effect of acute exercise on serum brain-derived neurotrophic factor levels and cognitive function. <b>2007</b> , 39, 728-34		555

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621	Neurobiology of depression: an integrated view of key findings. <b>2007</b> , 61, 2030-40	222
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617	Maternal nerve growth factor serum levels in the perinatal period. <b>2007</b> , 74, 170-3	15
616	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. <b>2007</b> , 50, 431-8	463
615	Plasma concentrations of brain-derived neurotrophic factor in patients undergoing minor surgery: a randomized controlled trial. <b>2008</b> , 33, 1325-31	12
614	Serum brain-derived neurotrophic factor is associated with reduced appetite in healthy older adults. <b>2008</b> , 12, 183-5	17
613	Evaluation of the effect of caloric restriction on serum BDNF in overweight and obese subjects: preliminary evidences. <b>2008</b> , 33, 300-4	77
612	Increase of BDNF serum concentration during donepezil treatment of patients with early Alzheimer's disease. <b>2008</b> , 258, 124-8	91
611	Serum brain-derived neurotrophic factor in patients with type 2 diabetes mellitus: Relationship to glucose metabolism and biomarkers of insulin resistance. <b>2008</b> , 41, 812-7	111
610	New insights into brain BDNF function in normal aging and Alzheimer disease. <b>2008</b> , 59, 201-20	406
609	Plasma and serum brain-derived neurotrophic factor (BDNF) in depressed patients during 1 year of antidepressant treatments. <b>2008</b> , 105, 279-83	160
608	Serum brain-derived neurotrophic factor levels in patients with major depression: effects of antidepressants. <b>2008</b> , 42, 521-5	125
607	A systematic review and meta-analysis of clinical studies on major depression and BDNF levels: implications for the role of neuroplasticity in depression. <b>2008</b> , 11, 1169-80	644
606	Low plasma brain-derived neurotrophic factor and childhood physical neglect are associated with verbal memory impairment in major depression--a preliminary report. <b>2008</b> , 64, 281-5	92
605	Brain-derived neurotrophic factor gene expression in pediatric bipolar disorder: effects of treatment and clinical response. <b>2008</b> , 47, 1077-85	78
604	Diurnal variation of plasma brain-derived neurotrophic factor (BDNF) in humans: an analysis of sex differences. <b>2008</b> , 25, 819-26	84

603	Exercise and brain health--implications for multiple sclerosis: Part 1--neuronal growth factors. <b>2008</b> , 38, 91-100		75
602	Influence of exercise on serum brain-derived neurotrophic factor concentrations in healthy human subjects. <b>2008</b> , 431, 62-5		184
601	Relationship of serum brain-derived neurotrophic factor (BDNF) and health-related lifestyle in healthy human subjects. <b>2008</b> , 447, 124-8		67
600	Impact of exercise on neuroplasticity-related proteins in spinal cord injured humans. <b>2008</b> , 153, 1064-70		44
599	BDNF is a novel marker of cognitive function in ageing women: the DR's EXTRA Study. <i>Neurobiology of Learning and Memory</i> , <b>2008</b> , 90, 596-603	3.1	237
598	Effect of treatment on serum glial cell line-derived neurotrophic factor in depressed patients. <b>2008</b> , 32, 886-90		62
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596	Effect of BDNF val66met polymorphism on age-related amygdala volume changes in healthy subjects. <b>2008</b> , 32, 1652-5		39
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594	Serum brain-derived neurotrophic factor response to aerobic exercise in multiple sclerosis. <b>2008</b> , 269, 85-91		99
593	Brain-derived neurotrophic factor and obesity in the WAGR syndrome. <b>2008</b> , 359, 918-27		241
592	Plasma brain-derived neurotrophic factor as a peripheral marker for the action mechanism of antidepressants. <b>2008</b> , 57, 194-9		100
591	Biomarkers for Huntington's disease. <b>2008</b> , 2, 47-62		6
590	No influence of noradrenaline manipulation on acute exercise-induced increase of brain-derived neurotrophic factor. <b>2008</b> , 40, 1990-6		42
589	Ethnic differences in brain-derived neurotrophic factor Val66Met polymorphism in Croatian and Korean healthy participants. <b>2009</b> , 50, 43-8		68
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587	Correlations and discrepancies between serum and brain tissue levels of neurotrophins after electroconvulsive treatment in rats. <b>2009</b> , 42, 270-6		205
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585	Adverse effects of salmeterol in asthma: a neuronal perspective. <b>2009</b> , 64, 763-9	28
584	Sustained release of neuron-specific enolase to serum in amateur boxers. <b>2009</b> , 23, 723-6	48
583	Changes in BDNF serum levels in patients with major depression disorder (MDD) after 6 months treatment with sertraline, escitalopram, or venlafaxine. <b>2009</b> , 43, 247-54	189
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581	The BDNF Val66Met polymorphism: relation to familiar risk of affective disorder, BDNF levels and salivary cortisol. <b>2009</b> , 34, 1380-9	43
580	The NGF saga: from animal models of psychosocial stress to stress-related psychopathology. <b>2009</b> , 30, 379-95	113
579	[Brain-Derived Neurotrophic Factor (BDNF): role of this neurotrophin in cardiovascular physiopathology]. <b>2009</b> , 58, 99-103	5
578	Identification of pro- and mature brain-derived neurotrophic factor in human saliva. <b>2009</b> , 54, 689-95	31
577	Effects of escitalopram on the regulation of brain-derived neurotrophic factor and nerve growth factor protein levels in a rat model of chronic stress. <b>2009</b> , 87, 2551-60	40
576	Correlations between peripheral blood mononuclear cell production of BDNF, TNF-alpha, IL-6, IL-10 and cognitive performances in multiple sclerosis patients. <b>2010</b> , 88, 1106-12	64
575	Evidence for a release of brain-derived neurotrophic factor from the brain during exercise. <b>2009</b> , 94, 1062-9	559
574	Cognitive function and serum levels of brain-derived neurotrophic factor in patients with bipolar disorder. <b>2009</b> , 11, 663-71	70
573	Brain-derived neurotrophic factor predicts mortality risk in older women. <b>2009</b> , 57, 1447-52	56
572	Serum brain-derived neurotrophic factor and platelet activation evaluated by soluble P-selectin and soluble CD-40-ligand in patients with acute myocardial infarction. <b>2010</b> , 24, 525-30	30
571	Early life stress as a risk factor for mental health: role of neurotrophins from rodents to non-human primates. <b>2009</b> , 33, 573-85	170
570	Relation between plasma brain-derived neurotrophic factor and nerve growth factor in the male patients with alcohol dependence. <b>2009</b> , 43, 265-9	45
569	Plasma brain-derived neurotrophic factor in women after bariatric surgery: a pilot study. <b>2009</b> , 91, 1544-8	21
568	Plasma BDNF is reduced among middle-aged and elderly women with impaired insulin function: evidence of a compensatory mechanism. <b>2009</b> , 71, 147-52	21

567	Effects of fluoxetine and venlafaxine on serum brain derived neurotrophic factor levels in depressed patients. <b>2009</b> , 33, 281-5	62
566	Higher plasma interleukin-6 (IL-6) level is associated with SSRI- or SNRI-refractory depression. <b>2009</b> , 33, 722-6	145
565	Reduced platelet BDNF level in patients with major depression. <b>2009</b> , 33, 849-53	90
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563	Decreased serum BDNF levels in chronic institutionalized schizophrenia on long-term treatment with typical and atypical antipsychotics. <b>2009</b> , 33, 1508-12	121
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560	Changes in CREB phosphorylation and BDNF plasma levels during psychotherapy of depression. <b>2009</b> , 78, 187-92	50
559	Plasma Brain-Derived Neurotrophic Factor in treatment-resistant depressed patients receiving electroconvulsive therapy. <b>2009</b> , 19, 349-55	83
558	Accelerated age-related decrease in brain-derived neurotrophic factor levels in bipolar disorder. <b>2009</b> , 12, 137-9	41
557	Peripheral brain-derived neurotrophic factor (BDNF) as a biomarker for affective disorders?. <b>2010</b> , 13, 1-4	47
556	Acute exercise ameliorates reduced brain-derived neurotrophic factor in patients with panic disorder. <b>2010</b> , 35, 364-8	93
555	Gene therapy in Alzheimer's disease - potential for disease modification. <b>2010</b> , 14, 741-57	45
554	Plasma BDNF concentration, Val66Met genetic variant and depression-related personality traits. <b>2010</b> , 9, 512-8	48
553	Increased BDNF levels and NTRK2 gene association suggest a disruption of BDNF/TrkB signaling in autism. <b>2010</b> , 9, 841-8	91
552	Meta-analysis of the BDNF Val66Met polymorphism in major depressive disorder: effects of gender and ethnicity. <b>2010</b> , 15, 260-71	341
551	Brain-Derived Neurotrophic Factor in Plasma of Women with Endometriosis. <b>2010</b> , 2, 144-150	14
550	Minimal peroxide exposure of neuronal cells induces multifaceted adaptive responses. <b>2010</b> , 5, e14352	50

549	Effects of aerobic exercise on mild cognitive impairment: a controlled trial. <b>2010</b> , 67, 71-9	730
548	Brain-derived neurotrophic factor is associated with age-related decline in hippocampal volume. <b>2010</b> , 30, 5368-75	352
547	Chronic stress affects the expression of brain-derived neurotrophic factor in rat salivary glands. <b>2010</b> , 13, 53-60	27
546	Associations between brain-derived neurotrophic factor plasma levels and severity of the illness, recurrence and symptoms in depressed patients. <b>2010</b> , 62, 207-12	45
545	Endurance training enhances BDNF release from the human brain. <b>2010</b> , 298, R372-7	290
544	Salivary glands as the source of plasma brain-derived neurotrophic factor in stressed rats engaged in biting behavior. <b>2010</b> , 13, 238-47	15
543	Different patterns of longitudinal changes in plasma levels of catecholamine metabolites and brain-derived neurotrophic factor after administration of atypical antipsychotics in first episode untreated schizophrenic patients. <b>2010</b> , 11, 256-61	31
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538	The effect of depression, BDNF gene val66met polymorphism and gender on serum BDNF levels. <b>2010</b> , 81, 61-5	91
537	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. <b>2010</b> , 34, 308-12	35
536	Serum brain-derived neurotrophic factor in patients with trauma psychopathology. <b>2010</b> , 34, 459-62	57
535	Higher serum tropomyosin-related kinase B protein level in major depression. <b>2010</b> , 34, 610-2	11
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531	A close correlation between plasma and serum levels of brain-derived neurotrophic factor (BDNF) in healthy volunteers. <b>2010</b> , 14, 220-2	15
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528	Changes in plasma mllerian-inhibiting substance and brain-derived neurotrophic factor after chemotherapy in premenopausal women. <b>2011</b> , 95, 1790-3	6
527	Brain derived neurotrophic factor, cardiopulmonary fitness and cognition in patients with coronary artery disease. <b>2011</b> , 25, 1264-71	32
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521	Diurnal variation and gender differences of plasma brain-derived neurotrophic factor in healthy human subjects. <b>2011</b> , 186, 427-30	41
520	Effects of antipsychotics on the serum BDNF levels in schizophrenia. <b>2011</b> , 189, 327-30	36
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518	Brain-derived neurotrophic factor as a biomarker in primary open-angle glaucoma. <b>2011</b> , 88, 80-5	45
517	Neuroticism, depressive symptoms, and serum BDNF. <b>2011</b> , 73, 638-42	61
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499	Serum brain-derived neurotrophic factor and antidepressant-naive major depression after lung cancer diagnosis. <b>2011</b> , 41, 1233-7	7
498	A meta-analysis of circulating BDNF concentrations in anorexia nervosa. <b>2011</b> , 12, 444-54	49
497	Impaired adaptive cellular responses to oxidative stress and the pathogenesis of Alzheimer's disease. <b>2011</b> , 14, 1519-34	49
496	Brain derived neurotrophic factor (BDNF) in cardiometabolic physiology and diseases. <b>2012</b> , 12, 684-8	16

495	Airway hyperresponsiveness: new insights into the pathogenesis. <b>2012</b> , 33, 579-87	26
494	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. <b>2012</b> , 2, 65-74	36
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492	Activation of TrkB by 7,8-dihydroxyflavone prevents fear memory defects and facilitates amygdalar synaptic plasticity in aging. <b>2012</b> , 31, 765-78	52
491	The aging hippocampus: interactions between exercise, depression, and BDNF. <b>2012</b> , 18, 82-97	283
490	Decreased levels of brain-derived neurotrophic factor in the remitted state of unipolar depressive disorder. <b>2012</b> , 126, 157-64	11
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488	Brain-derived neurotrophic factor plasma levels are associated with mortality in critically ill patients even in the absence of brain injury. <b>2012</b> , 16, R234	13
487	Plasma concentrations but not serum concentrations of brain-derived neurotrophic factor are related to pro-inflammatory cytokines in patients undergoing major abdominal surgery. <b>2012</b> , 45, 631-6	20
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481	7,8-dihydroxyflavone rescues spatial memory and synaptic plasticity in cognitively impaired aged rats. <b>2012</b> , 122, 800-11	58
480	Vascular BDNF expression and oxidative stress during aging and the development of chronic hypertension. <b>2012</b> , 26, 227-34	17
479	Various levels of plasma brain-derived neurotrophic factor in patients with tinnitus. <b>2012</b> , 510, 73-7	21
478	Do levels of brain-derived neurotrophic factor (BDNF) in plasma correlate with psychopathology in healthy subjects?. <b>2012</b> , 512, 72-7	10

477	The concentrations of serum, plasma and platelet BDNF are all increased by treadmill VO <sub>2</sub> max performance in healthy college men. <b>2012</b> , 519, 78-83	95
476	Could decitabine treatment impair memory functions in humans?. <b>2012</b> , 79, 639-41	3
475	BDNF and DYRK1A are variable and inversely correlated in lymphoblastoid cell lines from Down syndrome patients. <b>2012</b> , 46, 297-303	13
474	Impaired cognition in bipolar I disorder: the roles of the serotonin transporter and brain-derived neurotrophic factor. <b>2012</b> , 143, 131-7	24
473	BDNF function as a potential mediator of bipolar disorder and post-traumatic stress disorder comorbidity. <b>2012</b> , 17, 22-35	82
472	Evaluation of brain-derived neurotrophic factor in menstrual blood and its identification in human endometrium. <b>2012</b> , 28, 492-5	9
471	Functional Neuroimaging in Exercise and Sport Sciences. <b>2012</b> ,	10
470	Serum brain-derived neurotrophic factor, nerve growth factor and neurotrophin-3 levels in dementia. <b>2012</b> , 112, 255-60	17
469	Hemodialysis decreases serum brain-derived neurotrophic factor concentration in humans. <b>2012</b> , 37, 2715-24	18
468	Stage-dependent association of BDNF and TGF- $\beta$ with lung function in stable COPD. <b>2012</b> , 13, 116	28
467	Plasma BDNF is associated with age-related white matter atrophy but not with cognitive function in older, non-demented adults. <b>2012</b> , 7, e35217	77
466	Plasma BDNF levels vary in relation to body weight in females. <b>2012</b> , 7, e39358	61
465	Possible involvement of brain-derived neurotrophic factor in eating disorders. <b>2012</b> , 64, 355-61	19
464	Duration of last depressive episode may influence serum BDNF levels in remitted patients with major depression. <b>2012</b> , 29, 775-9	10
463	[The development of depression: the role of brain-derived neurotrophic factor]. <b>2012</b> , 83, 869-77	7
462	Human platelet concentrates: a source of solvent/detergent-treated highly enriched brain-derived neurotrophic factor. <b>2012</b> , 52, 1721-8	23
461	Childhood trauma and platelet brain-derived neurotrophic factor (BDNF) after a three month follow-up in patients with major depressive disorder. <b>2012</b> , 46, 966-72	22
460	Brain-derived neurotrophic factor in post-partum depressive mothers. <b>2012</b> , 37, 583-7	31

459	The skinny on brain-derived neurotrophic factor: evidence from animal models to GWAS. <b>2013</b> , 91, 1241-7		14
458	Reduced neuroplasticity in aged rats: a role for the neurotrophin brain-derived neurotrophic factor. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 2768-76	5.6	61
457	The Val66Met polymorphism of the BDNF gene in anorexia nervosa: new data and a meta-analysis. <b>2013</b> , 14, 441-51		27
456	Serum brain-derived neurotrophic factor and nerve growth factor concentrations change after alcohol withdrawal: preliminary data of a case-control comparison. <b>2013</b> , 19, 98-104		25
455	Effects of physical exercise on plasma levels of brain-derived neurotrophic factor and depressive symptoms in elderly women--a randomized clinical trial. <b>2013</b> , 94, 1443-50		51
454	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. <b>2013</b> , 209, 150-4		37
453	Bridging animal and human models of exercise-induced brain plasticity. <b>2013</b> , 17, 525-44		567
452	Are variations in whole blood BDNF level associated with the BDNF Val66Met polymorphism in patients with first episode depression?. <b>2013</b> , 210, 102-8		12
451	BDNF Val66Met homozygosity does not influence plasma BDNF levels in healthy human subjects. <b>2013</b> , 43, 185-7		8
450	BDNF Val 66 Met and 5-HTTLPR genotype moderate the impact of early psychosocial adversity on plasma brain-derived neurotrophic factor and depressive symptoms: a prospective study. <b>2013</b> , 23, 902-9		20
449	Changes in plasma Brain-derived neurotrophic factor (BDNF) levels induced by methylphenidate in children with Attention deficit-hyperactivity disorder (ADHD). <b>2013</b> , 47, 20-4		31
448	Senescent-induced dysregulation of cAMP/CREB signaling and correlations with cognitive decline. <b>2013</b> , 1516, 93-109		21
447	Serum level of brain-derived neurotrophic factor in fibromyalgia syndrome correlates with depression but not anxiety. <b>2013</b> , 62, 281-6		24
446	Role of TrkB expression in rat adrenal gland during acute immobilization stress. <b>2013</b> , 124, 224-32		15
445	Steroid hormones and BDNF. <b>2013</b> , 239, 271-9		102
444	Involvement of brain-derived neurotrophic factor in late-life depression. <i>American Journal of Geriatric Psychiatry</i> , <b>2013</b> , 21, 433-49	6.5	50
443	Serum levels of brain-derived neurotrophic factor are unchanged after transcranial direct current stimulation in treatment-resistant depression. <b>2013</b> , 150, 659-63		22
442	Effect of exercise on circulating levels of brain-derived neurotrophic factor (BDNF) in overweight and obese subjects. <b>2013</b> , 45, 541-4		26

441	Antidepressants and anti-inflammatory drugs differentially reduce the release of NGF and BDNF from rat platelets. <b>2013</b> , 46, 29-34	26
440	Association of obesity-mediated insulin resistance and hypothalamic volumes: possible sex differences. <b>2013</b> , 35, 249-59	11
439	Effect of dexmedetomidine on plasma brain-derived neurotrophic factor: A double-blind, randomized and placebo-controlled study. <b>2013</b> , 118, 235-9	12
438	Electroconvulsive therapy improves clinical manifestation with plasma BDNF levels unchanged in treatment-resistant depression patients. <b>2013</b> , 68, 110-5	23
437	The efficacy and safety of long-term Norditropin <sup>®</sup> treatment in children with Prader-Willi syndrome. <b>2013</b> , 45, 532-6	11
436	Plasma brain-derived neurotrophic factor and prefrontal white matter integrity in late-onset depression and normal aging. <b>2013</b> , 128, 387-96	17
435	Decreased plasma concentrations of brain-derived neurotrophic factor (BDNF) in patients with functional hypothalamic amenorrhea. <b>2013</b> , 29, 817-20	9
434	Effects of antipsychotics on the BDNF in schizophrenia. <b>2013</b> , 20, 345-50	7
433	Decreased plasma brain-derived neurotrophic factor and vascular endothelial growth factor concentrations during military training. <b>2014</b> , 9, e89455	25
432	Depression, 5HTTLPR and BDNF Val66Met polymorphisms, and plasma BDNF levels in hemodialysis patients with chronic renal failure. <b>2014</b> , 10, 1235-41	7
431	A double-blind, rct testing beneficial modulation of BDNF in middle-aged, life style-stressed subjects: a clue to brain protection?. <b>2014</b> , 8, MC01-6	1
430	Effect of yoga on pain, brain-derived neurotrophic factor, and serotonin in premenopausal women with chronic low back pain. <b>2014</b> , 2014, 203173	31
429	Neurotrophic factors in women with crack cocaine dependence during early abstinence: the role of early life stress. <b>2014</b> , 39, 206-14	25
428	Brain-derived neurotrophic factor plasma levels in patients with Turner syndrome. <b>2014</b> , 30, 245-9	7
427	Brain-derived neurotrophic factor is expressed in rat and human placenta and its serum levels are similarly regulated throughout pregnancy in both species. <b>2014</b> , 81, 141-51	34
426	Serum brain-derived neurotrophic factor levels in epilepsy. <b>2014</b> , 21, 57-64	28
425	Differential regulation of brain-derived neurotrophic factor in term and preterm preeclampsia. <b>2014</b> , 21, 230-5	21
424	Decreased serum brain-derived neurotrophic factor in Chinese patients with Type 2 diabetes mellitus. <b>2014</b> , 46, 426-7	17

423	BDNF mediates improvements in executive function following a 1-year exercise intervention. <b>2014</b> , 8, 985	151
422	Decreased plasma levels of brain-derived neurotrophic factor and its relationship with obesity and birth weight in obese Japanese children. <b>2014</b> , 8, e63-9	30
421	BDNF secretion by human pulmonary artery endothelial cells in response to hypoxia. <b>2014</b> , 68, 89-97	47
420	Gene-gene-gender interaction of BDNF and COMT genotypes associated with panic disorder. <b>2014</b> , 51, 119-25	12
419	Serum brain-derived neurotrophic factor (BDNF) levels in attention deficit-hyperactivity disorder (ADHD). <b>2014</b> , 23, 173-7	31
418	Peripheral brain derived neurotrophic factor (BDNF) in bulimia nervosa: a systematic review. <b>2014</b> , 28, 108-13	5
417	High baseline BDNF serum levels and early psychopathological improvement are predictive of treatment outcome in major depression. <b>2014</b> , 231, 2955-65	49
416	Altered peripheral BDNF mRNA expression and BDNF protein concentrations in blood of children and adolescents with autism spectrum disorder. <b>2014</b> , 121, 1117-28	42
415	Comparison of serum BDNF levels in deficit and nondeficit chronic schizophrenia and healthy controls. <b>2014</b> , 220, 197-200	15
414	Age-related changes in cardiovascular system, autonomic functions, and levels of BDNF of healthy active males: role of yogic practice. <b>2014</b> , 36, 9683	56
413	Neurotrophic factors, clinical features and gender differences in depression. <b>2014</b> , 39, 1571-8	63
412	"Platelet-associated regulatory system (PARS)" with particular reference to female reproduction. <b>2014</b> , 7, 55	9
411	Levels of brain derived neurotrophic factors across gestation in women with preeclampsia. <b>2014</b> , 37, 36-40	24
410	Relationship between brain-derived neurotrophic factor and stress in saliva and salivary glands. <b>2014</b> , 26, 379-389	3
409	Long term habitual exercise is associated with lower resting level of serum BDNF. <b>2014</b> , 566, 304-8	37
408	Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <b>2014</b> , 47, 199-211	40
407	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. <b>2014</b> , 217, 191-7	23
406	Alterations in BDNF (brain derived neurotrophic factor) and GDNF (glial cell line-derived neurotrophic factor) serum levels in bipolar disorder: The role of lithium. <b>2014</b> , 166, 193-200	50

405	Effect of phosphodiesterase-5 inhibition on apoptosis and beta amyloid load in aged mice. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 520-31	5.6	66
404	The effects of physical activity and exercise on brain-derived neurotrophic factor in healthy humans: A review. <b>2014</b> , 24, 1-10		251
403	The Effects of 12 Weeks Regular Aerobic Exercise on Brain-derived Neurotrophic Factor and Inflammatory Factors in Juvenile Obesity and Type 2 Diabetes Mellitus. <b>2014</b> , 26, 1199-204		40
402	Neurocognitive functioning in overweight and obese patients with bipolar disorder: data from the Systematic Treatment Optimization Program for Early Mania (STOP-EM). <b>2014</b> , 59, 639-48		17
401	Effect of Exercise on the Aging Brain. <b>2015</b> , 253-266		
400	A Novel, Stable, Estradiol-Stimulating, Osteogenic Yam Protein with Potential for the Treatment of Menopausal Syndrome. <b>2015</b> , 5, 10179		13
399	Role of the central nervous system and adipose tissue BDNF/TrkB axes in metabolic regulation. <b>2015</b> , 1, 15009		29
398	Decreased serum levels of brain-derived neurotrophic factor in schizophrenic patients with deficit syndrome. <b>2015</b> , 11, 865-72		9
397	Neurotrophic factors in tension-type headache. <b>2015</b> , 73, 420-4		3
396	Impact of age-related neuroglial cell responses on hippocampal deterioration. <b>2015</b> , 7, 57		60
395	Association of serum brain-derived neurotrophic factor (BDNF) and tumor necrosis factor-alpha (TNF- $\alpha$ ) with diagnosis of delirium in oncology inpatients. <b>2015</b> , 37, 197-202		7
394	Brain-derived neurotrophic factor and its clinical implications. <b>2015</b> , 11, 1164-78		332
393	Relevance of Post-Stroke Circulating BDNF Levels as a Prognostic Biomarker of Stroke Outcome. Impact of rt-PA Treatment. <b>2015</b> , 10, e0140668		24
392	. <b>2015</b> ,		4
391	Cardioprotective Role of Omega-3 Polyunsaturated Fatty Acids Through the Regulation of Lipid Metabolism. <b>2015</b> , 563-588		0
390	Downregulation of BDNF Expression by PKC and by TNF- $\beta$ in Human Endothelial Cells. <b>2015</b> , 96, 1-10		25
389	Temporal regulation of peripheral BDNF levels during cocaine and morphine withdrawal: comparison with a natural reward. <b>2014</b> , 18,		8
388	Chronic adjunction of 1-deoxynojirimycin protects from age-related behavioral and biochemical changes in the SAMP8 mice. <b>2015</b> , 37, 102		19



387	Modeling of Age-Dependent Epileptogenesis by Differential Homeostatic Synaptic Scaling. <b>2015</b> , 35, 13448-62	16
386	High-intensity interval training evokes larger serum BDNF levels compared with intense continuous exercise. <b>2015</b> , 119, 1363-73	111
385	Diurnal Variation of Plasma Brain-Derived Neurotrophic Factor Levels in Women with Functional Hypothalamic Amenorrhea. <b>2015</b> , 101, 256-62	5
384	Cross-sex hormone treatment in male-to-female transsexual persons reduces serum brain-derived neurotrophic factor (BDNF). <b>2015</b> , 25, 95-9	20
383	Anxiolytic effects of ketamine in animal models of posttraumatic stress disorder. <b>2015</b> , 232, 663-72	62
382	Brain-Derived Neurotrophic Factor in Alzheimer's Disease: Risk, Mechanisms, and Therapy. <b>2015</b> , 52, 1477-1493	132
381	The effects of acute aerobic exercise on the primary motor cortex. <b>2015</b> , 47, 328-39	46
380	Cognitive function and exercise training for chronic renal disease patients: A literature review. <b>2015</b> , 19, 509-15	7
379	Peripheral BDNF: a candidate biomarker of healthy neural activity during learning is disrupted in schizophrenia. <b>2015</b> , 45, 841-54	18
378	Electroconvulsive therapy improves clinical manifestations of treatment-resistant depression without changing serum BDNF levels. <b>2015</b> , 227, 171-8	22
377	Autoimmune Profiling Reveals Peroxiredoxin 6 as a Candidate Traumatic Brain Injury Biomarker. <b>2015</b> , 32, 1805-14	20
376	Brain-derived neurotrophic factor and substrate utilization following acute aerobic exercise in obese individuals. <b>2015</b> , 27, 370-6	16
375	Lack of an association of BDNF Val66Met polymorphism and plasma BDNF with hippocampal volume and memory. <b>2015</b> , 15, 625-43	34
374	Tyrosine kinase receptor B protects against coronary artery disease and promotes adult vasculature integrity by regulating Ets1-mediated VE-cadherin expression. <b>2015</b> , 35, 580-8	20
373	Remote limb ischemic conditioning enhances motor learning in healthy humans. <b>2015</b> , 113, 3708-19	23
372	Comparison of efficacy, safety and brain derived neurotrophic factor (BDNF) levels in patients of major depressive disorder, treated with fluoxetine and desvenlafaxine. <b>2015</b> , 18, 37-41	18
371	Plasma BDNF levels associate with Pittsburgh compound B binding in the brain. <b>2015</b> , 1, 187-193	17
370	Correlation of plasma brain-derived neurotrophic factor and metabolic profiles in drug-naïve patients with bipolar II disorder after a twelve-week pharmacological intervention. <b>2015</b> , 131, 120-8	12

369	Dose-and gender-specific effects of resistance training on circulating levels of brain derived neurotrophic factor (BDNF) in community-dwelling older adults. <b>2015</b> , 70, 144-9	41
368	Improved Alertness Is Associated with Early Increase in Serum Brain-Derived Neurotrophic Factor and Antidepressant Treatment Outcome in Major Depression. <b>2015</b> , 72, 16-28	19
367	Brain-derived neurotrophic factor correlates with functional and cognitive impairment in non-disabled older individuals. <b>2015</b> , 72, 129-37	15
366	Acupuncture for sleep quality, BDNF levels and immunosenescence: a randomized controlled study. <b>2015</b> , 587, 35-40	9
365	Adding fuel to the fire: the impact of stress on the ageing brain. <b>2015</b> , 38, 13-25	84
364	May BDNF Be Implicated in the Exercise-Mediated Regulation of Inflammation? Critical Review and Synthesis of Evidence. <b>2015</b> , 17, 521-39	23
363	Brain-derived neurotrophic factor plasma levels: relationship with dementia and diabetes in the elderly population. <b>2015</b> , 70, 294-302	40
362	Decreased plasma levels of brain-derived neurotrophic factor (BDNF) during mixed episodes of bipolar disorder. <b>2015</b> , 171, 167-70	21
361	Association between smoking, nicotine dependence, and BDNF Val66Met polymorphism with BDNF concentrations in serum. <b>2015</b> , 17, 323-9	47
360	Chronic depression is associated with a pronounced decrease in serum brain-derived neurotrophic factor over time. <b>2015</b> , 20, 602-8	81
359	Peripheral brain-derived neurotrophic factor in schizophrenia and the role of antipsychotics: meta-analysis and implications. <b>2015</b> , 20, 1108-19	158
358	Biotechnology and Bioforensics. <b>2015</b> ,	1
357	Serum BDNF levels in unaffected first-degree relatives of patients with bipolar disorder. <b>2016</b> , 38, 197-200	7
356	High-flavonoid intake induces cognitive improvements linked to changes in serum brain-derived neurotrophic factor: Two randomised, controlled trials. <b>2016</b> , 4, 81-93	61
355	Peripheral brain-derived neurotrophic factor is related to cardiovascular risk factors in active and inactive elderly men. <b>2016</b> , 49,	25
354	Are the changes in the peripheral brain-derived neurotrophic factor levels due to platelet activation?. <b>2016</b> , 6, 84-101	76
353	Role of exercise on the brain. <b>2016</b> , 12, 380-385	35
352	Cognitive and Physical Aging. <b>2016</b> , 125-146	2

351	A Lack of Correlation between Brain-Derived Neurotrophic Factor Serum Level and Verbal Memory Performance in Healthy Polish Population. <b>2016</b> , 10, 39	2
350	Altered Episodic Memory in Introverted Young Adults Carrying the BDNF Allele. <b>2016</b> , 17,	2
349	Age Effects on Cognitive and Physiological Parameters in Familial Caregivers of Alzheimer's Disease Patients. <b>2016</b> , 11, e0162619	9
348	BDNF Responses in Healthy Older Persons to 35 Minutes of Physical Exercise, Cognitive Training, and Mindfulness: Associations with Working Memory Function. <b>2017</b> , 55, 645-657	85
347	Hypothalamic-pituitary-adrenal axis hyperactivity is associated with decreased brain-derived neurotrophic factor in female suicide attempters. <b>2016</b> , 70, 575-81	19
346	Age-related differences in plasma BDNF levels after prolonged bed rest. <b>2016</b> , 120, 1118-23	13
345	Serum BDNF concentration after delivery is associated with development of postpartum depression: A 3-month follow up study. <b>2016</b> , 200, 25-30	17
344	Gender differences in platelet brain derived neurotrophic factor in patients with cardiovascular disease and depression. <b>2016</b> , 78, 72-7	6
343	Exercise-induced neuroprotective effects on neurodegenerative diseases: the key role of trophic factors. <b>2016</b> , 16, 723-34	36
342	Plasma brain-derived neurotrophic factor levels are increased in patients with tinnitus and correlated with therapeutic effects. <b>2016</b> , 622, 15-8	13
341	Plasma BDNF levels following weight recovery in anorexia nervosa. <b>2016</b> , 165, 300-3	11
340	Clinical correlates of plasma brain-derived neurotrophic factor in post-traumatic stress disorder spectrum after a natural disaster. <b>2016</b> , 244, 165-70	16
339	Serum brain-derived neurotrophic factor (BDNF) across pregnancy and postpartum: Associations with race, depressive symptoms, and low birth weight. <b>2016</b> , 74, 69-76	33
338	The plasma levels of brain-derived neurotrophic factor are positively associated with emergence agitation in the elderly after gastrointestinal surgery. <b>2016</b> , 30, 811-6	7
337	Decreased Brain-Derived Neurotrophic Factor Serum Concentrations in Chronic Post-Stroke Subjects. <b>2016</b> , 25, 2968-2974	21
336	Reduced serum concentrations of brain-derived neurotrophic factor (BDNF) in transsexual Brazilian men. <b>2016</b> , 630, 109-113	3
335	Brain-Derived Neurotrophic Factor in Children and Adolescents with Cirrhosis Due to Biliary Atresia. <b>2016</b> , 69, 1-8	4
334	Genetic factors moderate everyday physical activity effects on executive functions in aging: Evidence from the Victoria Longitudinal Study. <b>2016</b> , 30, 6-17	26

333	Reversal of the Detrimental Effects of Post-Stroke Social Isolation by Pair-Housing is Mediated by Activation of BDNF-MAPK/ERK in Aged Mice. <b>2016</b> , 6, 25176	27
332	The Association of Brain-Derived Neurotrophic Factor Gene Polymorphism with Obstructive Sleep Apnea Syndrome and Obesity. <b>2016</b> , 194, 839-46	4
331	The effect of serum BDNF levels on central serotonin transporter availability in obese versus non-obese adults: A [(11)C]DASB positron emission tomography study. <b>2016</b> , 110, 530-536	12
330	The relationship between brain-derived neurotrophic factor, irisin and cognitive skills of endurance athletes. <b>2016</b> , 44, 290-6	40
329	Role of Serum Brain Derived Neurotrophic Factor and Central N-Acetylaspartate for Clinical Response under Antidepressive Pharmacotherapy. <b>2016</b> , 24, 1-14	15
328	Serum brain-derived neurotrophic factor (BDNF) is not regulated by testosterone in transmen. <b>2016</b> , 7, 1	16
327	The effects of motor rehabilitation training on clinical symptoms and serum BDNF levels in Parkinson's disease subjects. <b>2016</b> , 94, 455-61	33
326	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <b>2016</b> , 11, 11-23	40
325	Serum Levels of Brain-Derived Neurotrophic Factor Are Associated with Diabetes Risk, Complications, and Obesity: a Cohort Study from Chinese Patients with Type 2 Diabetes. <b>2016</b> , 53, 5492-9	45
324	Neurotrophic growth factor responses to lower body resistance training in older adults. <b>2016</b> , 41, 315-23	23
323	Could BDNF be involved in compensatory mechanisms to maintain cognitive performance despite acute sleep deprivation? An exploratory study. <b>2016</b> , 99, 96-102	19
322	Serum levels of brain-derived neurotrophic factor (BDNF) and neurotrophin-3 (NT-3) in depressed patients with schizophrenia. <b>2016</b> , 70, 267-71	34
321	Brain-Derived Neurotrophic Factor (BDNF) in Traumatic Brain Injury-Related Mortality: Interrelationships Between Genetics and Acute Systemic and Central Nervous System BDNF Profiles. <b>2016</b> , 30, 83-93	66
320	Determinants of brain-derived neurotrophic factor (BDNF) in umbilical cord and maternal serum. <b>2016</b> , 63, 191-7	23
319	Preliminary Associations Between Brain-Derived Neurotrophic Factor, Memory Impairment, Functional Cognition, and Depressive Symptoms Following Severe TBI. <b>2016</b> , 30, 419-30	39
318	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. <b>2016</b> , 33, 215-25	88
317	Peripheral blood brain-derived neurotrophic factor in bipolar disorder: a comprehensive systematic review and meta-analysis. <b>2016</b> , 21, 216-28	91
316	Additive clinical value of serum brain-derived neurotrophic factor for prediction of chronic heart failure outcome. <b>2016</b> , 31, 535-44	23

315	Is it important to consider the sex of the patient when using lithium or valproate to treat the bipolar disorder?. <b>2017</b> , 152, 105-111	4
314	Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. <b>2017</b> , 49, 55-63	26
313	Brain-derived neurotrophic factor (BDNF) plasma concentration in patients diagnosed with premature ovarian insufficiency (POI). <b>2017</b> , 33, 413-417	3
312	Molecular mechanisms of brain-derived neurotrophic factor in neuro-protection: Recent developments. <b>2017</b> , 1665, 1-21	68
311	Brain-derived neurotrophic factor (BDNF) serum basal levels is not affected by power training in mobility-limited older adults - A randomized controlled trial. <b>2017</b> , 93, 29-35	11
310	The effect of acute exercise on blood concentrations of brain-derived neurotrophic factor in healthy adults: a meta-analysis. <b>2017</b> , 46, 1635-1646	135
309	Effect of Interval and Continuous Aerobic Training on Basal Serum and Plasma Brain-Derived Neurotrophic Factor Values in Seniors: A Systematic Review of Intervention Studies. <b>2017</b> , 20, 473-483	17
308	Upregulation of neurotrophins by S 47445, a novel positive allosteric modulator of AMPA receptors in aged rats. <b>2017</b> , 121, 59-69	13
307	The effects of aging in the hippocampus and cognitive decline. <b>2017</b> , 79, 66-86	186
306	Cognitive impairment and BDNF serum levels. <b>2017</b> , 51, 24-32	55
305	Parental brain-derived neurotrophic factor genotype, child prosociality, and their interaction as predictors of parents' warmth. <b>2017</b> , 7, e00685	7
304	Brain-Derived Neurotrophic Factor Expression in Individuals With Schizophrenia and Healthy Aging: Testing the Accelerated Aging Hypothesis of Schizophrenia. <b>2017</b> , 19, 36	26
303	Plasma but not serum brain-derived neurotrophic factor concentration is decreased by oral glucose tolerance test-induced hyperglycemia in children. <b>2017</b> , 30, 525-530	3
302	Effect of a Comprehensive Intervention on Plasma BDNF in Patients with Alzheimer's Disease. <b>2017</b> , 57, 37-43	13
301	Aging and estradiol effects on gene expression in the medial preoptic area, bed nucleus of the stria terminalis, and posterodorsal medial amygdala of male rats. <b>2017</b> , 442, 153-164	5
300	Predicting postoperative brain function from the blood: is there a role for biomarkers?. <b>2017</b> , 119, 291-293	4
299	Plasma BDNF Level in Major Depression: Biomarker of the Val66Met BDNF Polymorphism and of the Clinical Course in Met Carrier Patients. <b>2017</b> , 75, 39-45	16
298	Decrease in brain-derived neurotrophic factor at plasma level but not in serum concentrations in suicide behavior: A systematic review and meta-analysis. <b>2017</b> , 7, e00706	21

297	Cytokine profiling in the prefrontal cortex of Parkinson's Disease and Multiple System Atrophy patients. <b>2017</b> , 106, 269-278	31
296	Multimodal physical activity increases brain-derived neurotrophic factor levels and improves cognition in institutionalized older women. <b>2017</b> , 39, 407-417	25
295	Apigenin attenuates isoflurane-induced cognitive dysfunction via epigenetic regulation and neuroinflammation in aged rats. <b>2017</b> , 73, 29-36	31
294	The effect of childhood trauma on serum BDNF in bipolar depression is modulated by the serotonin promoter genotype. <b>2017</b> , 656, 177-181	12
293	Correlates of early pregnancy serum brain-derived neurotrophic factor in a Peruvian population. <b>2017</b> , 20, 777-785	3
292	Brain-derived neurotrophic factor serum and plasma levels in the treatment of acute schizophrenia with olanzapine or risperidone: 6-week prospective study. <b>2017</b> , 71, 513-520	14
291	Acute exercise has a general facilitative effect on cognitive function: A combined ERP temporal dynamics and BDNF study. <b>2017</b> , 54, 289-300	41
290	Peripheral Brain-Derived Neurotrophic Factor Levels in Alzheimer's Disease and Mild Cognitive Impairment: a Comprehensive Systematic Review and Meta-analysis. <b>2017</b> , 54, 7297-7311	24
289	Meta-Analysis of BDNF Levels in Autism. <b>2017</b> , 37, 949-954	36
288	Serum brain-derived neurotrophic factors in Taiwanese patients with drug-naïve first-episode schizophrenia: Effects of antipsychotics. <b>2017</b> , 18, 382-391	15
287	Human cells involved in atherosclerosis have a sex. <b>2017</b> , 228, 983-1001	18
286	Short-Duration Maximal and Long-Duration Submaximal Effort Forearm Exercise Achieve Elevations in Serum Brain-Derived Neurotrophic Factor. <b>2017</b> , 8, 746	15
285	Yoga, Meditation and Mind-Body Health: Increased BDNF, Cortisol Awakening Response, and Altered Inflammatory Marker Expression after a 3-Month Yoga and Meditation Retreat. <b>2017</b> , 11, 315	130
284	The Alteration of Irisin-Brain-Derived Neurotrophic Factor Axis Parallels Severity of Distress Disorder in Bronchial Asthma Patients. <b>2017</b> , 11, 653	8
283	Plasma Brain-Derived Neurotrophic Factor Levels in Newborn Infants with Neonatal Abstinence Syndrome. <b>2017</b> , 5, 238	8
282	The Effect of Aerobic Exercise on Brain-Derived Neurotrophic Factor in People with Neurological Disorders: A Systematic Review and Meta-Analysis. <b>2017</b> , 2017, 4716197	54
281	Brain-Derived Neurotrophic Factor, Depression, and Physical Activity: Making the Neuroplastic Connection. <b>2017</b> , 2017, 7260130	145
280	Exploring Serum Levels of Brain Derived Neurotrophic Factor and Nerve Growth Factor Across Glaucoma Stages. <b>2017</b> , 12, e0168565	36

279	The association between serum brain-derived neurotrophic factor and a cluster of cardiovascular risk factors in adolescents: The CHAMPS-study DK. <b>2017</b> , 12, e0186384	12
278	Meta-analyses of comparative efficacy of antidepressant medications on peripheral BDNF concentration in patients with depression. <b>2017</b> , 12, e0172270	85
277	Brain derived neurotrophic factor (BDNF), its tyrosine kinase receptor B (TrkB) and nicotine. <b>2018</b> , 65, 186-195	25
276	The effect of trabeculectomy on serum brain-derived neurotrophic factor levels in primary open-angle glaucoma. <b>2018</b> , 256, 1173-1178	9
275	Decreased Serum Levels of Ghrelin and Brain-Derived Neurotrophic Factor in Premenopausal Women With Metabolic Syndrome. <b>2018</b> , 49, 140-146	7
274	Candidate molecular pathways of white matter vulnerability in the brain of normal aging rhesus monkeys. <b>2018</b> , 40, 31-47	7
273	Plasticity after pediatric cochlear implantation: Implication from changes in peripheral plasma level of BDNF and auditory nerve responses. <b>2018</b> , 105, 103-110	2
272	Peripheral Blood Brain-Derived Neurotrophic Factor as a Biomarker of Alzheimer's Disease: Are There Methodological Biases?. <b>2018</b> , 55, 6661-6672	36
271	Neurotrophic factors hold promise for the future of Parkinson's disease treatment: is there a light at the end of the tunnel?. <b>2018</b> , 29, 475-489	29
270	Delayed increase of thrombocyte levels after a single sub-anesthetic dose of ketamine - A randomized trial. <b>2018</b> , 28, 701-709	6
269	A Critical Evaluation of Wet Biomarkers for Huntington's Disease: Current Status and Ways Forward. <b>2018</b> , 7, 109-135	17
268	The BDNF Val66Met polymorphism moderates the relationship between Posttraumatic Stress Disorder and fear extinction learning. <b>2018</b> , 91, 142-148	27
267	Brain-derived neurotrophic factor in adolescents smoking waterpipe: The Irbid TRY. <b>2018</b> , 67, 14-18	10
266	Altered cardiovascular function is related to reduced BDNF in Parkinson's disease. <b>2018</b> , 44, 232-245	2
265	The Effect of Obesity on the Availabilities of Dopamine and Serotonin Transporters. <b>2018</b> , 8, 4924	18
264	Differential expression of cord blood neurotrophins in gestational diabetes: the impact of fetal growth abnormalities. <b>2018</b> , 31, 278-283	9
263	Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. <b>2018</b> , 25, 452-462	3
262	Nicotine and cigarette smoke modulate Nrf2-BDNF-dopaminergic signal and neurobehavioral disorders in adult rat cerebral cortex. <b>2018</b> , 37, 540-556	7

261	Association of Brain-derived neurotrophic factor gene polymorphisms with body mass index: A systematic review and meta-analysis. <b>2018</b> , 63, 43-56	20
260	Peripheral brain-derived neurotrophic factor in attention-deficit/hyperactivity disorder: A comprehensive systematic review and meta-analysis. <b>2018</b> , 227, 298-304	16
259	Predicting the use of corporal punishment: Child aggression, parent religiosity, and the BDNF gene. <b>2018</b> , 44, 165-175	8
258	Exercise during pregnancy and its impact on mothers and offspring in humans and mice. <b>2018</b> , 9, 63-76	26
257	Measuring and Validating the Levels of Brain-Derived Neurotrophic Factor in Human Serum. <b>2018</b> , 5,	58
256	Neurologic benefits of sports and exercise. <b>2018</b> , 158, 463-471	6
255	Could a blood test for PTSD and depression be on the horizon?. <b>2018</b> , 15, 983-1006	13
254	The Impact of High-Intensity Interval Training on Brain Derived Neurotrophic Factor in Brain: A Mini-Review. <b>2018</b> , 12, 839	44
253	Stress Biomarkers in Biological Fluids and Their Point-of-Use Detection. <b>2018</b> , 3, 2025-2044	89
252	Selected Metabolic Markers in Girls with Turner Syndrome: A Pilot Study. <b>2018</b> , 2018, 9715790	2
251	Exercise training increases cardiac, hepatic and circulating levels of brain-derived neurotrophic factor and irisin in young and aged rats. <b>2018</b> , 36,	12
250	Brain-derived neurotrophic factor in substance use disorders: A systematic review and meta-analysis. <b>2018</b> , 193, 91-103	16
249	BDNF plasma levels and genotype in depression and the response to electroconvulsive therapy. <b>2018</b> , 11, 1123-1131	25
248	Exercise-induced changes in neurotrophic factors and markers of blood-brain barrier permeability are moderated by weight status in multiple sclerosis. <b>2018</b> , 70, 93-100	31
247	Critical Issues in Val66Met Genetic Studies of Neuropsychiatric Disorders. <b>2018</b> , 11, 156	57
246	Remodeling of myelinated fibers and internal capillaries in distal peripheral nerves following aerobic exercise in aged rats. <b>2018</b> , 125, 1051-1061	4
245	Acute Effects of High Intensity, Resistance, or Combined Protocol on the Increase of Level of Neurotrophic Factors in Physically Inactive Overweight Adults: The BrainFit Study. <b>2018</b> , 9, 741	26
244	Brain-Derived Neurotrophic Factor and Major Depressive Disorder: Evidence from Meta-Analyses. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 308	5 94



243	Association Between Objectively Measured Physical Activity and Plasma BDNF in Adolescents: DADOS Study. <b>2018</b> , 65, 467-471	5
242	Serial Changes of Cytokines in Children with Cerebral Palsy Who Received Intravenous Granulocyte-colony Stimulating Factor Followed by Autologous Mobilized Peripheral Blood Mononuclear Cells. <b>2018</b> , 33, e102	6
241	The Aerobic and Cognitive Exercise Study (ACES) for Community-Dwelling Older Adults With or At-Risk for Mild Cognitive Impairment (MCI): Neuropsychological, Neurobiological and Neuroimaging Outcomes of a Randomized Clinical Trial. <b>2018</b> , 10, 76	71
240	Mitochondria, Estrogen and Female Brain Aging. <b>2018</b> , 10, 124	40
239	Serum brain-derived neurotrophic factor predicting reduction in pulse pressure after a one-hour rest in nurses working night shifts. <b>2018</b> , 8, 5485	3
238	Association between Obesity and Circulating Brain-Derived Neurotrophic Factor (BDNF) Levels: Systematic Review of Literature and Meta-Analysis. <b>2018</b> , 19,	39
237	Brain-derived neurotrophic factor in serum as an animal welfare indicator of environmental enrichment in pigs. <b>2018</b> , 65, 67-70	12
236	The Serum BDNF Level Offers Minimum Predictive Value for Motor Function Recovery After Stroke. <b>2019</b> , 10, 342-351	21
235	Twelve weeks of resistance training does not influence peripheral levels of neurotrophic growth factors or homocysteine in healthy adults: a randomized-controlled trial. <b>2019</b> , 119, 2167-2176	5
234	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates $\beta$ Secretase by Upregulating C/EBP $\beta$ in Alzheimer's Disease. <b>2019</b> , 28, 655-669.e5	56
233	The Impact of Different Types of Exercise Training on Peripheral Blood Brain-Derived Neurotrophic Factor Concentrations in Older Adults: A Meta-Analysis. <b>2019</b> , 49, 1529-1546	34
232	Acute high-intensity aerobic exercise affects brain-derived neurotrophic factor in mild cognitive impairment: a randomised controlled study. <b>2019</b> , 5, e000499	15
231	The neuroprotective activity of heat-treated human platelet lysate biomaterials manufactured from outdated pathogen-reduced (amotosalen/UVA) platelet concentrates. <b>2019</b> , 26, 89	11
230	Therapeutic Potential of Neurotrophins for Repair After Brain Injury: A Helping Hand From Biomaterials. <b>2019</b> , 13, 790	50
229	Effects of Childhood Trauma on the Biological Correlates of Stress in Men and Women with Borderline Mental Disorders. <b>2019</b> , 49, 916-920	1
228	Differential Effects of Physical Exercise, Cognitive Training, and Mindfulness Practice on Serum BDNF Levels in Healthy Older Adults: A Randomized Controlled Intervention Study. <b>2019</b> , 71, 1245-1261	15
227	Single-Arm 8-Week Ad Libitum Self-Prepared Paleo Diet Reduces Cardiometabolic Disease Risk Factors in Overweight Adults.. <b>2021</b> , 15, 690-700	0
226	Physical activity in adolescents and children and relationship to metabolic health. <b>2019</b> , 26, 25-31	21

225	A Systematic Review on the Cognitive Benefits and Neurophysiological Correlates of Exergaming in Healthy Older Adults. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	40
224	Plasma Brain-Derived Neurotrophic Factor (BDNF) and serum cortisol levels in a sample of workers exposed to occupational stress and suffering from Adjustment Disorders. <b>2019</b> , 9, e01298		15
223	Serum level of nerve growth factor is a potential biomarker of conversion to bipolar disorder in women with major depressive disorder. <b>2019</b> , 73, 590-593		12
222	Dysregulation of BDNF in Prefrontal Cortex in Alzheimer's Disease. <b>2019</b> , 69, 1089-1097		11
221	Obsessive-compulsive disorder and growth factors: A comparative review. <i>Behavioural Brain Research</i> , <b>2019</b> , 372, 111967	3-4	1
220	Brain-derived neurotrophic factor as a possible predictor of electroconvulsive therapy outcome. <b>2019</b> , 9, 155		11
219	Exercise for Brain Health: An Investigation into the Underlying Mechanisms Guided by Dose. <b>2019</b> , 16, 580-599		36
218	Pathological and cognitive changes in patients with type 2 diabetes mellitus and comorbid MCI and protective hypoglycemic therapies: a narrative review. <b>2019</b> , 30, 757-770		1
217	Increased plasma Brain-Derived Neurotrophic Factor (BDNF) levels in females with schizophrenia. <b>2019</b> , 209, 212-217		5
216	The Effects of Biological Sex and Ovarian Hormones on Exercise-Induced Neuroplasticity. <b>2019</b> , 410, 29-40		13
215	Gross Motor Skills Training Leads to Increased Brain-Derived Neurotrophic Factor Levels in Healthy Older Adults: A Pilot Study. <b>2019</b> , 10, 410		11
214	BDNF Val66Met genetic variation and its plasma level in patients with morbid obesity: A case-control study. <b>2019</b> , 705, 51-54		6
213	Nerve Growth Factor Serum Levels Are Associated With Regional Gray Matter Volume Differences in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 275	5	10
212	Sex-based dimorphisms in expression of BDNF and BACE1 in bipolar patients. <b>2019</b> , 91, 29-33		3
211	A double-virally-inactivated (Intercept-solvent/detergent) human platelet lysate for in vitro expansion of human mesenchymal stromal cells. <b>2019</b> , 59, 2061-2073		9
210	Adult-Life Occupational Exposures: Enriched Environment or a Stressor for the Aging Brain?. <b>2019</b> , 5, 3-23		3
209	Self-Reported Physical Activity and Relations to Growth and Neurotrophic Factors in Diabetes Mellitus: The Framingham Offspring Study. <b>2019</b> , 2019, 2718465		5
208	Resistance Exercise-Induced Responses in Physiological Factors Linked with Cognitive Health. <b>2019</b> , 68, 39-64		17

207	Does a HIIT modulate BDNF levels, and epigenetic and muscle damage markers in postmenopausal obese women?. <b>2019</b> , 15, 243-251	3
206	Prognostic significance of brain-derived neurotrophic factor levels in patients with heart failure and reduced left ventricular ejection fraction. <b>2019</b> , 22, 309-316	4
205	Changes in Circulating BDNF in relation to Sex, Diet, and Exercise: A 12-Week Randomized Controlled Study in Overweight and Obese Participants. <b>2019</b> , 2019, 4537274	12
204	P.277 Physical activity and step-related behaviors, but not sedentary time, are associated with brain-derived neurotrophic factor in children with overweight/obesity. <b>2019</b> , 29, S205-S206	
203	Sedentarism, Physical Activity, Steps, and Neurotrophic Factors in Obese Children. <b>2019</b> , 51, 2325-2333	13
202	Chemosensory Function during Neurologically Healthy Aging. <b>2019</b> , 68-94	0
201	Association of Brain-Derived Neurotrophic Factor With Cognitive Function: An Investigation of Sex Differences in Patients With Type 2 Diabetes. <b>2019</b> , 81, 488-494	7
200	Metabolic Health-The Role of Adipo-Myokines. <b>2019</b> , 20,	23
199	BDNF, endurance activity, and mechanisms underlying the evolution of hominin brains. <b>2019</b> , 168 Suppl 67, 47-62	11
198	Mouse strains and sexual divergence in corneal innervation and nerve regeneration. <b>2019</b> , 33, 4598-4609	17
197	Sex difference in the association of body mass index and BDNF levels in Chinese patients with chronic schizophrenia. <b>2019</b> , 236, 753-762	19
196	Over-expression of TGF- $\beta$ gene in medication free Schizophrenia. <b>2019</b> , 99, 265-270	9
195	Mental health in familial caregivers of Alzheimer's disease patients: are the effects of chronic stress on cognition inevitable?. <b>2019</b> , 22, 83-92	6
194	Selective serotonin reuptake inhibitor effects on neural biomarkers of perinatal depression. <b>2019</b> , 22, 431-435	5
193	Serum Brain-Derived Neurotrophic Factor is Related to Platelet Reactivity and Metformin Treatment in Adult Patients With Type 2 Diabetes Mellitus. <b>2019</b> , 43, 19-26	12
192	Experiencing community and domestic violence is associated with epigenetic changes in DNA methylation of BDNF and CLPX in adolescents. <b>2020</b> , 57, e13382	5
191	Comparing the influence of exercise intensity on brain-derived neurotrophic factor serum levels in people with Parkinson's disease: a pilot study. <b>2020</b> , 32, 1731-1738	10
190	Short-term high-Intensity interval training increases systemic brain-derived neurotrophic factor (BDNF) in healthy women. <b>2020</b> , 20, 516-524	10

189	Chronic cannabis use and circulating biomarkers of neural health, stress, and inflammation in physically active individuals. <b>2020</b> , 45, 258-263		11
188	Ketamine-induced changes in plasma brain-derived neurotrophic factor (BDNF) levels are associated with the resting-state functional connectivity of the prefrontal cortex. <b>2020</b> , 21, 696-710		20
187	Comparison of serum brain-derived neurotrophic factor in dogs with and without separation anxiety. <b>2020</b> , 35, 14-18		2
186	Protective role of functional food in cognitive deficit in young and senile rats. <b>2020</b> , 31, 81-96		2
185	Exercise Intensity and Recovery on Circulating Brain-derived Neurotrophic Factor. <b>2020</b> , 52, 1210-1217		17
184	Association of High Serum Levels of Growth Factors with Good Outcome in Ischemic Stroke: a Multicenter Study. <b>2020</b> , 11, 653-663		10
183	Neonatal morphine exposure and maternal deprivation alter nociceptive response and central biomarkers' levels throughout the life of rats. <b>2020</b> , 738, 135350		1
182	The Effect of Exogenous Ketone Monoester Ingestion on Plasma BDNF During an Oral Glucose Tolerance Test. <b>2020</b> , 11, 1094		6
181	Peripheral BDNF Response to Physical and Cognitive Exercise and Its Association With Cardiorespiratory Fitness in Healthy Older Adults. <b>2020</b> , 11, 1080		3
180	Neurotrophins as a reliable biomarker for brain function, structure and cognition: A systematic review and meta-analysis. <i>Neurobiology of Learning and Memory</i> , <b>2020</b> , 175, 107298	3.1	9
179	Physical exercise interventions have no effect on serum BDNF concentration in older adults living in long-term nursing homes. <b>2020</b> , 139, 111024		2
178	Induction of BDNF Expression in Layer II/III and Layer V Neurons of the Motor Cortex Is Essential for Motor Learning. <b>2020</b> , 40, 6289-6308		9
177	Beyond Haemostasis and Thrombosis: Platelets in Depression and Its Co-Morbidities. <b>2020</b> , 21,		9
176	Continuous environmental enrichment and aerobic exercise improves spatial memory: focus on rat hippocampal BDNF and NGF. <b>2020</b> , 16, 121-128		1
175	Increased serum levels of brain-derived neurotrophic factor following wheelchair half marathon race in individuals with spinal cord injury. <b>2020</b> , 1-6		2
174	Plasma Brain-Derived Neurotrophic Factor (BDNF) Concentration and / Gene Polymorphisms in Croatian Adults with Asthma. <b>2020</b> , 10,		2
173	Is there a relationship between morphological and functional platelet changes and depressive disorder?. <b>2020</b> , 1-34		0
172	Antidepressants Promote and Prevent Cancers. <b>2020</b> , 38, 572-598		2

171	Platelets Selectively Regulate the Release of BDNF, But Not That of Its Precursor Protein, proBDNF. <b>2020</b> , 11, 575607		13
170	Factors affecting stability of plasma brain-derived neurotrophic factor. <b>2020</b> , 10, 20232		2
169	Investigating the link between serum concentrations of brain-derived neurotrophic factor and behavioral measures in anxious alcohol-dependent individuals. <b>2020</b> , 89, 75-83		0
168	Effects of exercise modalities on BDNF and IL-1 $\beta$ content in circulating total extracellular vesicles and particles obtained from aged rats. <b>2020</b> , 142, 111124		5
167	BDNF Val66Met polymorphism alters food intake and hypothalamic BDNF expression in mice. <b>2020</b> , 235, 9667-9675		4
166	Brain-derived neurotrophic factor (BDNF) expression and function in the mammalian reproductive Tract. <b>2020</b> , 26, 545-564		15
165	Effects of Exercise on Cognitive Performance in Older Adults: A Narrative Review of the Evidence, Possible Biological Mechanisms, and Recommendations for Exercise Prescription. <b>2020</b> , 2020, 1407896		15
164	Towards an understanding of the physical activity-BDNF-cognition triumvirate: A review of associations and dosage. <b>2020</b> , 60, 101044		20
163	Cannabis use influence on peripheral brain-derived neurotrophic factor levels in antipsychotic-naïve first-episode psychosis. <b>2020</b> , 270, 851-858		1
162	BDNF Serum Levels are Associated With White Matter Microstructure in Schizophrenia - A Pilot Study. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 31	5	0
161	Acute increases in brain-derived neurotrophic factor in plasma following physical exercise relates to subsequent learning in older adults. <b>2020</b> , 10, 4395		30
160	GG Affects the BDNF System in Brain Samples of Wistar Rats with Pepsin-Trypsin-Digested Gliadin (PTG)-Induced Enteropathy. <b>2020</b> , 12,		2
159	Improvements to Healthspan Through Environmental Enrichment and Lifestyle Interventions: Where Are We Now?. <b>2020</b> , 14, 605		13
158	Negative association between left prefrontal GABA concentration and BDNF serum concentration in young adults. <i>Heliyon</i> , <b>2020</b> , 6, e04025	3.6	2
157	Early changes of serum BDNF and SSRI response in adolescents with major depressive disorder. <b>2020</b> , 265, 325-332		10
156	Evaluation of Biochemical and Epigenetic Measures of Peripheral Brain-Derived Neurotrophic Factor (BDNF) as a Biomarker in Huntington's Disease Patients. <b>2019</b> , 12, 335		15
155	Effects of aquatic exercise on insulin-like growth factor-1, brain-derived neurotrophic factor, vascular endothelial growth factor, and cognitive function in elderly women. <b>2020</b> , 132, 110842		9
154	Among Adolescents, BDNF and Pro-BDNF Lasting Changes with Alcohol Use Are Stage Specific. <b>2020</b> , 2020, 3937627		5

153	Novel metabolic role for BDNF in pancreatic $\beta$ cell insulin secretion. <b>2020</b> , 11, 1950	21
152	Molecular aspects of regeneration and neuroprotection in neurodegenerative diseases. <b>2021</b> , 225-255	
151	Cerebral Hemodynamic and Neurotrophic Factor Responses Are Dependent on the Type of Exercise. <b>2020</b> , 11, 609935	3
150	Neuroprotective Effects of Heat-Killed <i>Lactobacillus plantarum</i> 200655 Isolated from Kimchi Against Oxidative Stress. <b>2021</b> , 13, 788-795	3
149	Effects of nutritional interventions on BDNF concentrations in humans: a systematic review. <b>2021</b> , 1-12	7
148	Blood Brain-Derived Neurotrophic Factor (BDNF) and Major Depression: Do We Have a Translational Perspective?. <b>2021</b> , 15, 626906	16
147	Brain-derived neurotrophic factor in cerebrospinal fluid and plasma is not a biomarker for Huntington's disease. <b>2021</b> , 11, 3481	3
146	Taurine supplementation reduces myeloperoxidase and matrix-metalloproteinase-9 levels and improves the effects of exercise in cognition and physical fitness in older women. <b>2021</b> , 53, 333-345	7
145	Brain-derived neurotrophic factor levels in newly diagnosed patients with bipolar disorder, their unaffected first-degree relatives and healthy controls. <b>2021</b> , 7, e55	3
144	Is High-Intensity Interval Training Suitable to Promote Neuroplasticity and Cognitive Functions after Stroke?. <b>2021</b> , 22,	2
143	Expression of Selected Genes Involved in Neurogenesis in the Etiopathogenesis of Depressive Disorders. <b>2021</b> , 11,	0
142	The Relationship Between Plasma BDNF and Pain in Older Adults With Knee Osteoarthritis. <b>2021</b> , 23, 629-636	2
141	Effect of four different forms of high intensity training on BDNF response to Wingate and Graded Exercise Test. <b>2021</b> , 11, 8599	3
140	Brain-Derived Neurotrophic Factor and Immune Cells in Osteoarthritis, Chronic Low Back Pain, and Chronic Widespread Pain Patients: Association with Anxiety and Depression. <b>2021</b> , 57,	2
139	Association of Serum Level and DNA Methylation Status of Brain-Derived Neurotrophic Factor with the Severity of Coronary Artery Disease.. <b>2022</b> , 37, 159-168	0
138	Placental neurotrophin levels in gestational diabetes mellitus. <b>2021</b> , 81, 352-363	1
137	Frontotemporal Transcranial Direct Current Stimulation Decreases Serum Mature Brain-Derived Neurotrophic Factor in Schizophrenia. <b>2021</b> , 11,	1
136	Plasma brain-derived neurotrophic factor (BDNF) in Egyptian children with attention deficit hyperactivity disorder. <b>2021</b> , 28,	0

135	Current Methodological Pitfalls and Caveats in the Assessment of Exercise-Induced Changes in Peripheral Brain-Derived Neurotrophic Factor: How Result Reproducibility Can Be Improved. <b>2021</b> , 2,		
134	Brain-Derived Neurotrophic Factor Signaling in Depression and Antidepressant Action. <b>2021</b> , 90, 128-136		31
133	Plasma level of brain-derived neurotrophic factor (BDNF) in patients with postpartum depression. <b>2021</b> , 109, 110245		1
132	BDNF Impact on Biological Markers of Depression-Role of Physical Exercise and Training. <b>2021</b> , 18,		2
131	A systematic review and meta-analysis of association between brain-derived neurotrophic factor and type 2 diabetes and glycemic profile. <b>2021</b> , 11, 13773		4
130	Brain-Derived Neurotrophic Factor, Vascular Endothelial Growth Factor and Matrix Metalloproteinases as Markers of Metabolic Status in Non-Growth Hormone-Treated Girls With Turner Syndrome. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 722199	5-7	0
129	Curiosity-Based Interventions Increase Everyday Functioning Score But Not Serum BDNF Levels in a Cohort of Healthy Older Adults. <b>2021</b> , 2,		
128	Association Between Components of Cognitive Reserve and Serum BDNF in Healthy Older Adults. <b>2021</b> , 13, 725914		2
127	Ramadan Fasting in Germany (17-18 h/Day): Effect on Cortisol and Brain-Derived Neurotrophic Factor in Association With Mood and Body Composition Parameters. <b>2021</b> , 8, 697920		1
126	An ultra-low dose of $\Delta^9$ -tetrahydrocannabinol improves Alzheimer's Disease-related cognitive deficits.		
125	Association between hippocampal structure and serum Brain-Derived Neurotrophic Factor (BDNF) in healthy adults: A registered report. <b>2021</b> , 236, 118011		4
124	Environmental Enrichment Mitigates Age-Related Metabolic Decline and Lewis Lung Carcinoma Growth in Aged Female Mice. <b>2021</b> , 14, 1075-1088		1
123	The Effect of IFN- $\beta$ Treatment on Plasma Levels of BDNF and IL-6 in Relapsing-Remitting Multiple Sclerosis Patients. <b>2021</b> , 28, 150-157		0
122	Humoral Factors in Humans Participating in Different Types of Exercise and Training. <b>2012</b> , 169-196		2
121	Blood brain-derived neurotrophic factor as a biomarker of Alzheimer's disease. <b>2020</b> , 281-296		1
120	A narrative review of brain-derived neurotrophic factor (BDNF) on cognitive performance in Alzheimer's disease. <b>2020</b> , 38, 210-225		2
119	Serum Brain-Derived Neurotrophic Factor is Related to Platelet Reactivity but not to Genetic Polymorphisms within BDNF Encoding Gene in Patients with Type 2 Diabetes. <b>2016</b> , 22, 69-76		17
118	Circulating brain-derived neurotrophic factor and indices of metabolic and cardiovascular health: data from the Baltimore Longitudinal Study of Aging. <b>2010</b> , 5, e10099		144

117	Brain-derived neurotrophic factor in patients with Huntington's disease. <b>2011</b> , 6, e22966	95
116	Association of brain-derived neurotrophic factor gene Val66Met polymorphism with primary dysmenorrhea. <b>2014</b> , 9, e112766	28
115	Role of Hypoxia-Induced Brain Derived Neurotrophic Factor in Human Pulmonary Artery Smooth Muscle. <b>2015</b> , 10, e0129489	13
114	The Effect of Exercise Training on Resting Concentrations of Peripheral Brain-Derived Neurotrophic Factor (BDNF): A Meta-Analysis. <b>2016</b> , 11, e0163037	134
113	[Brain-derived neurotrophic factor in multiple sclerosis]. <b>2019</b> , 119, 28-35	1
112	Measuring myokines with cardiovascular functions: pre-analytical variables affecting the analytical output. <b>2017</b> , 5, 299	6
111	Clinical and Environmental Correlates of Serum BDNF: A Descriptive Study with Plausible Implications for AD Research. <b>2017</b> , 14, 722-730	8
110	Brain derived neurotrophic factor and cognitive status: the delicate balance among people living with HIV, with and without alcohol abuse. <b>2014</b> , 12, 254-64	8
109	Resistance Exercise Intensity Does Not Influence Neurotrophic Factors Response in Equated Volume Schemes. <b>2020</b> , 74, 227-236	2
108	Effect of Exercise on Major Depressive Disorder and Schizophrenia: A BDNF Focused Approach. <b>2019</b> , 56, 302-310	7
107	Brain-Derived Neurotrophic Factor (BDNF) protein levels in anxiety disorders: systematic review and meta-regression analysis. <b>2013</b> , 7, 55	121
106	The Effects of Individual Psychotherapy in BDNF Levels of Patients With Mental Disorders: A Systematic Review. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 445	5 4
105	Serum Levels of BDNF in Cardiovascular Protection and in Response to Exercise. <b>2020</b> , 115, 263-269	3
104	Differences in Brain-Derived Neurotrophic Factor and Matrix Metalloproteinase-9 between Appropriate Neonates between Normal Birth Weight and Intrauterine Growth Restriction. <b>2019</b> , 7, 736-741	4
103	Brain-Derived Neurotrophic Factor Serum Level and Severity Symptom of Batakese Male Patients with Schizophrenia in North Sumatera, Indonesia. <b>2019</b> , 7, 1957-1961	6
102	Brain-derived neurotrophic factor and initial antidepressant response to an N-methyl-D-aspartate antagonist. <b>2009</b> , 70, 1662-6	107
101	Serum Levels of Brain-Derived Neurotrophic Factor at 4 Weeks and Response to Treatment with SSRIs. <b>2014</b> , 11, 84-8	11
100	Decreased Plasma BDNF Levels of Patients with Somatization Disorder. <b>2016</b> , 13, 526-530	5



- 99 Serum Brain-derived Neurotrophic Factor Levels among Euthymic Adolescents with Bipolar Disorder Type I. **2016**, 53, 267-271 5
- 98 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. **2015**, 3, e1252 8
- 97 Cardiorespiratory fitness is associated with depression symptom, blood BDNF, and cardiovascular disease risk factor in female obese adolescents. **2011**, 13, 105-113
- 96 Role of Brain-Derived Neurotrophic Factor as a Modulator of Synaptic Plasticity. **2012**, 37-47
- 95 Neurotrophic Factors and Ethanol Neurotoxicity. **2014**, 1671-1732
- 94 Blood Brain-Derived Neurotrophic Factor Levels and Mood Disorders. **2014**, 1633-1642
- 93 Association of BDNF Levels and Musculoskeletal Problems in Type 2 Diabetes. **2015**, 81-86
- 92 Serum Brain-derived Neurotrophic Factor Levels Following Electroconvulsive Therapy in Treatment-resistant Depressed Patients. **2015**, 6, 253-261
- 91 Aerobic Exercise. **2017**, 213-222
- 90 [Effects of childhood trauma on the biochemical correlates of stress in men and women with nonpsychotic mental disorders]. **2018**, 118, 10-14
- 89 Circulating brain-derived neurotrophic factor level in patients with primary open angle glaucoma. **2019**, 22, 164
- 88 Prognostic value of neurotrophic growth factor (BDNF) in patients with colorectal cancer during chemotherapy. **2019**, 73, 283-292
- 87 Modification of Serum Brain-Derived Neurotrophic Factor Levels Following Anti-HCV Therapy with Direct Antiviral Agents: A New Marker of Neurocognitive Disorders. **2020**, 20, 2
- 86 Effect of Aerobic Exercise on Brain-derived Neurotrophic Factor (BDNF) Serum Level in Stroke Subjects with Cognitive Function Impairment. **2020**, 2, 42
- 85 Correlaci3n del factor neurotr3fico derivado del cerebro con los componentes que integran el s3ndrome metab3lico infantil. **2020**, 69, 99-106
- 84 Brain-derived neurotrophic factor in cerebrospinal fluid and plasma is not a biomarker for Huntington's disease.
- 83 Serum brain-derived neurotrophic factor and peripheral indicators of the serotonin system in underweight and weight-recovered adolescent girls and women with anorexia nervosa. **2009**, 34, 323-9 33
- 82 Different circulating brain-derived neurotrophic factor responses to acute exercise between physically active and sedentary subjects. **2012**, 11, 83-8 45

81	Accelerometer-Measured, Habitual Physical Activity and Circulating Brain-Derived Neurotrophic Factor: A Cross-Sectional Study. <b>2021</b> ,	0
80	The ratio and interaction between neurotrophin and immune signaling during electroconvulsive therapy in late-life depression. <b>2021</b> , 18, 100389	0
79	A meta-analysis of the effects of physical exercise on peripheral levels of a brain-derived neurotrophic factor in the elderly.. <b>2022</b> , 1-10	2
78	Inflammatory markers, brain-derived neurotrophic factor, and the symptomatic course of adolescent bipolar disorder: A prospective repeated-measures study.. <b>2021</b> , 100, 278-286	2
77	Brain-derived Neurotrophic Factor and Mood in Perimenopausal Depression.. <b>2021</b> , 300, 145-145	
76	Brain-derived neurotrophic factor and inflammation in depression: Pathogenic partners in crime?. <b>2022</b> , 12, 77-97	3
75	Brain-derived neurotrophic factor in Alzheimer's disease and its pharmaceutical potential.. <b>2022</b> , 11, 4	8
74	Structural and functional brain alterations in patients with myasthenia gravis.. <b>2022</b> , 4, fcac018	0
73	The Role of Brain-Derived Neurotrophic Factor in Obstructive Sleep Apnea and Endothelial Function in a Pediatric Population With Obesity.. <b>2021</b> , 8, 835515	0
72	Tear Film-specific Biomarkers in Glaucoma Patients.. <b>2022</b> , 239, 165-168	
71	Forensic biomarkers of lethal traumatic brain injury.. <b>2022</b> , 136, 871	1
70	Age-varying association between depression and cognitive function among a national sample of older U.S. immigrant adults: the potential moderating role of physical activity.. <b>2022</b> , 1-10	1
69	Concurrent Training Increases Serum Brain-Derived Neurotrophic Factor in Older Adults Regardless of the Exercise Frequency.. <b>2022</b> , 14, 791698	0
68	High maternal BMI and low maternal blood BDNF may determine the limit of detection of amniotic fluid BDNF throughout gestation: Analysis of mother-fetus trios and literature review.. <b>2022</b> , 17, e0265186	
67	Short communication: Serum levels of brain-derived neurotrophic factor and association with pro-inflammatory cytokines in acute and recovered anorexia nervosa.. <b>2022</b> , 150, 34-39	2
66	Molecular markers of DNA repair and brain metabolism correlate with cognition in centenarians.. <b>2021</b> , 44, 103	1
65	Serum and plasma brain-derived neurotrophic factor concentration are elevated by systemic but not local passive heating. <b>2021</b> , 16, e0260775	0
64	DataSheet_1.pdf. <b>2020</b> ,	

63 Data\_Sheet\_1.PDF. 2020,

62 Data\_Sheet\_2.PDF. 2020,

61 Data\_Sheet\_3.pdf. 2020,

60 Table\_1.DOCX. 2020,

59 Table\_1.docx. 2019,

58 DataSheet\_1.pdf. 2020,

57 Table\_1.docx. 2018,

56 Exercise and cognition in aging. 2022, 437-450

55 Salivary Neurotrophins Brain-Derived Neurotrophic Factor and Nerve Growth Factor Associated with Childhood Obesity: A Multiplex Magnetic Luminescence Analysis. *Diagnostics*, 2022, 12, 1130 3.8

54 Female Carriers of the Met Allele of the BDNF Val66Met Polymorphism Develop Weaker Fear Memories in a Fear-Potentiated Startle Paradigm. *Journal of Behavioral and Brain Science*, 2022, 12, 211-235 6.3

53 Brain-Derived Neurotrophic Factor in Neurodegenerative Disorders. *Biomedicines*, 2022, 10, 1143 4.8 6

52 BDNF Val66Met Moderates the Effects of Hypertension on Executive Functioning in Older Adults Diagnosed with aMCI. *American Journal of Geriatric Psychiatry*, 2022, 6.5

51 Brain-Derived Neurotrophic Factor in Gestational Diabetes: Analysis of Maternal Serum and Cord Blood Pairs and Comparison of Dietary- and Insulin-Dependent GDM. *Metabolites*, 2022, 12, 482 5.6

50 Association of serum BDNF level and Val66Met polymorphism with response to treatment in patients of major depressive disease: A step towards personalized therapy. *Behavioural Brain Research*, 2022, 430, 113931 3.4

49 Plasma levels of BDNF and EGF are reduced in acute stroke patients. *Heliyon*, 2022, 8, e09661 3.6 1

48 The Effect of Endurance Training on Serum BDNF Levels in the Chronic Post-Stroke Phase: Current Evidence and Qualitative Systematic Review. *Journal of Clinical Medicine*, 2022, 11, 3556 5.1 0

47 Association between sex and Huntington's disease: an updated review on symptomatology and prognosis of neurodegenerative disorders. *Wiener Medizinische Wochenschrift*, 2.9 1

46 The Relationship Among BDNF Val66Met Polymorphism, Plasma BDNF Level, and Trait Anxiety in Chinese Patients With Panic Disorder. *Frontiers in Psychiatry*, 13, 5 0

45	Effect of Growth Hormone Treatment on the Concentration of Selected Metabolic Markers in Girls With Turner Syndrome. <i>Frontiers in Endocrinology</i> , 13,	5.7	
44	Brain derived neurotrophic factor in perioperative neurocognitive disorders: Current evidence and future directions. <i>Neurobiology of Learning and Memory</i> , <b>2022</b> , 193, 107656	3.1	1
43	An Ultra-Low Dose of $\Delta^9$ -Tetrahydrocannabinol Alleviates Alzheimer's Disease-Related Cognitive Impairments and Modulates TrkB Receptor Expression in a 5XFAD Mouse Model. <b>2022</b> , 23, 9449		1
42	Probiotics supplementation and brain-derived neurotrophic factor (BDNF): a systematic review and meta-analysis of randomized controlled trials. 1-11		3
41	Effects of different physical activities on brain-derived neurotrophic factor: A systematic review and bayesian network meta-analysis. 14,		0
40	Neuroprotective and metabotropic effect of aerobic exercise training in female patients with type 2 diabetes mellitus. <b>2022</b> ,		
39	The multi-domain exercise intervention for memory and brain function in late middle-aged and older adults at risk for Alzheimer's disease: A protocol for Western-Eastern Brain Fitness Integration Training trial. 14,		
38	Association of serum brain-derived neurotrophic factor with hepatic enzymes, AST/ALT ratio, and FIB-4 index in middle-aged and older women. <b>2022</b> , 17, e0273056		
37	Fermented <i>Laminaria japonica</i> improves working memory and antioxidant defense mechanism in healthy adults: a randomized, double-blind, and placebo-controlled clinical study. <b>2022</b> , 25, 450-461		0
36	Effects of Music Therapy on Neuroplasticity, Welfare, and Performance of Piglets Exposed to Music Therapy in the Intra- and Extra-Uterine Phases. <b>2022</b> , 12, 2211		0
35	Neurophysiological Markers for Monitoring Exercise and Recovery Cycles in Endurance Sports. 446-457		0
34	The Potential Role of Exercise-Induced Neurotrophic Factors for Mental Health.		0
33	Association between brain-derived neurotrophic factor levels and obstructive sleep apnea: a systematic review and meta-analysis.		1
32	Acute effects of two different work-to-rest ratio of high-intensity interval training on brain-derived neurotrophic factor in untrained young men. 13,		0
31	BDNF receptor TrkB as the mediator of the antidepressant drug action. 15,		3
30	Association of plasma brain-derived neurotrophic factor levels and frailty in community-dwelling older adults. <b>2022</b> , 12,		0
29	Preliminary results of the cross-sectional associations of sedentary behavior and physical activity with serum brain-derived neurotrophic factor in adults with coronary heart disease. <b>2022</b> , 12,		0
28	Association of plasma brain-derived neurotrophic factor with Alzheimer's disease and its influencing factors in Chinese elderly population. 14,		1

27	Forgetful, sad and old: Do vascular cognitive impairment and depression share a common pre-disease network and how is it impacted by ageing?. <b>2022</b> , 156, 611-627	1
26	The physiological mechanism and effect of resistance exercise on cognitive function in the elderly people. 10,	0
25	Evaluation of HIF-1 Involvement in the BDNF and ProBDNF Signaling Pathways among Obstructive Sleep Apnea Patients. <b>2022</b> , 23, 14876	1
24	Brain-derived neurotrophic factor (BDNF) in perinatal depression: Side show or pivotal factor?. <b>2022</b> , 103467	0
23	Proline-rich polypeptides (Colostrinin $\beta$ / COLOCO $\beta$ ) modulate BDNF concentration in blood affecting cognitive function in adults: A double-blind randomized placebo-controlled study.	0
22	Development and validation of brain-derived neurotrophic factor measurement in human urine samples as a non-invasive effect biomarker. 15,	0
21	Neurotrophins in the Neuropathophysiology, Course, and Complications of Obstructive Sleep Apnea Narrative Review. <b>2023</b> , 24, 1808	1
20	The Association between Brain-Derived Neurotrophic Factor (BDNF) Protein Level and Body Mass Index. <b>2023</b> , 59, 99	1
19	Decreased plasma levels of the brain-derived neurotrophic factor correlate with right heart congestion in pulmonary arterial hypertension. 00230-2022	0
18	Peripheral brain-derived neurotrophic factor (BDNF) and salivary cortisol levels in college students with different levels of academic stress. Study protocol. <b>2023</b> , 18, e0282007	0
17	The role of the brain-derived neurotrophic factor (BDNF) in anorexia nervosa. <b>2023</b> , 151, 106069	0
16	Aging and diabetic retinopathy: Inherently intertwined pathophysiological processes. <b>2023</b> , 175, 112138	0
15	Novel ketamine and zinc treatment for anorexia nervosa and the potential beneficial interactions with the gut microbiome. <b>2023</b> , 148, 105122	0
14	The role of BDNF in major depressive disorder, related clinical features, and antidepressant treatment: Insight from meta-analyses. <b>2023</b> , 149, 105159	0
13	BDNF as a biomarker for neuropathic pain: Consideration of mechanisms of action and associated measurement challenges. <b>2023</b> , 13,	0
12	Elevations in serum brain-derived neurotrophic factor following occupational heat stress are not influenced by age or common chronic disease. 1-11	0
11	Longitudinal Changes in BDNF and MMP-9 Protein Plasma Levels in Children after Cochlear Implantation. <b>2023</b> , 24, 3714	0
10	Training-induced impairment of endothelial function in track and field female athletes. <b>2023</b> , 13,	0

- 9 Serum brain-derived neurotrophic factor as diagnosis clue for Alzheimer's disease: A cross-sectional observational study in the elderly. 14,
- 8 Methylation of BDNF gene in association with episodic memory in women. 17,
- 7 Relationship between Brain-Derived Neurotrophic Factor and Cognitive Decline in Patients with Mild Cognitive Impairment and Dementia. **2023**, 13, 570
- 6 Associations of Plasma BDNF and BDNF Gene Polymorphism with Cardiometabolic Parameters in Thai Children: A Pilot Study. **2023**, 2023, 1-8
- 5 Cognitive Performance Deficits Are Associated with Clinically Significant Depression Symptoms in Older US Adults. **2023**, 20, 5290
- 4 Alteration of Circulating levels of BDNF, SPARC, FGF-21, and GDF-15 after 1 Year of Anti-Obesity Treatments and Their Association with 1-Year Weight Loss.
- 3 Serum proteins for monitoring and predicting visual function in patients with recent optic neuritis. **2023**, 13,
- 2 Brain-derived neurotrophic factor (BDNF) levels in children and adolescents before and after stimulant use a systematic review and metanalysis. **2023**, 125, 110761
- 1 Interactions of BDNF Val66met and dietary indices in relation to metabolic markers among patient with type 2 diabetes mellitus: a cross-sectional study. **2023**, 42,