

Henning Budde

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

3,041
citations

218677

26
h-index

197818

49
g-index

140
all docs

140
docs citations

140
times ranked

3954
citing authors

#	ARTICLE	IF	CITATIONS
1	The Endocannabinoid System as a Biomarker for Diagnostic and Therapeutic Applications in Depression and Anxiety. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 417-430.	1.4	2
2	Effects of Manual Therapies and Resistance Exercise on Postexercise Hypotension in Women With Normal Blood Pressure. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 948-954.	2.1	1
3	Electroencephalography power spectra and electroencephalography functional connectivity in sleep. , 2022, , 111-134.		0
4	Clinical psychoinformatics. , 2022, , 255-279.		0
5	Can regular physical exercise be a treatment for panic disorder? A systematic review. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 53-64.	2.8	2
6	Decreased Resting State Inter- and Intra-Network Functional Connectivity Is Associated with Perceived Stress in a Sample of University Students: An eLORETA Study. <i>Neuropsychobiology</i> , 2022, 81, 286-295.	1.9	3
7	Effect of acute game-based exercises on steroid hormones and cognitive performance in adolescents. <i>Acta Psychologica</i> , 2022, 226, 103584.	1.5	2
8	Physical-Exercise-Induced Antioxidant Effects on the Brain and Skeletal Muscle. <i>Antioxidants</i> , 2022, 11, 826.	5.1	8
9	Itâ€™s About Time: The Circadian Network as Time-Keeper for Cognitive Functioning, Locomotor Activity and Mental Health. <i>Frontiers in Physiology</i> , 2022, 13, 873237.	2.8	16
10	Mental health and social isolation under repeated mild lockdowns in Japan. <i>Scientific Reports</i> , 2022, 12, 8452.	3.3	17
11	The Computer Simulation for Triggering Anxiety in Panic Disorder Patients Modulates the EEG Alpha Power during an Oddball Task. <i>NeuroSci</i> , 2022, 3, 332-346.	1.2	0
12	Event-related potential (P300): the effects of levetiracetam in cognitive performance. <i>Neurological Sciences</i> , 2021, 42, 2309-2316.	1.9	8
13	A randomized controlled trial on the influence of two types of exercise training vs control on visuospatial processing and mathematical skills: The role of cortisol. <i>Physiology and Behavior</i> , 2021, 229, 113213.	2.1	2
14	Neurocognitive processes mediate the relation between childrenâ€™s motor skills, cardiorespiratory fitness and response inhibition: Evidence from source imaging. <i>Psychophysiology</i> , 2021, 58, e13716.	2.4	5
15	Natural Cannabinoids as Templates for Sleep Disturbances Treatments. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1297, 133-141.	1.6	3
16	Methylphenidate decreases the EEG mu power in the right primary motor cortex in healthy adults during motor imagery and execution. <i>Brain Structure and Function</i> , 2021, 226, 1185-1193.	2.3	1
17	Sleep-wake cycle disturbances and NeuN-altered expression in adult rats after cannabidiol treatments during adolescence. <i>Psychopharmacology</i> , 2021, 238, 1437-1447.	3.1	11
18	Effects of chronic exercise on the inhibitory control of children and adolescents: A systematic review and metaâ€™analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1196-1208.	2.9	16

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19	Physical Activity, Boredom and Fear of COVID-19 Among Adolescents in Germany. <i>Frontiers in Psychology</i> , 2021, 12, 624206.	2.1	24
20	Repetitive transcranial magnetic stimulation changes cognitive/motor tasks performance: An absolute alpha and beta power study. <i>Neuroscience Letters</i> , 2021, 753, 135866.	2.1	2
21	Causes and Consequences of Interindividual Response Variability: A Call to Apply a More Rigorous Research Design in Acute Exercise-Cognition Studies. <i>Frontiers in Physiology</i> , 2021, 12, 682891.	2.8	16
22	The synthetic CB1 cannabinoid receptor selective agonists: Putative medical uses and their legalization. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110301.	4.8	8
23	The Role of Peroxisome Proliferator-Activated Receptor in Addiction: A Novel Drug Target. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 964-975.	2.1	11
24	The Endocannabinoid System as Modulator of Exercise Benefits in Mental Health. <i>Current Neuropharmacology</i> , 2021, 19, 1304-1322.	2.9	4
25	In vivo brain levels of acetylcholine and 5-hydroxytryptamine after oleoylethanolamide or palmitoylethanolamide administrations are mediated by PPAR α engagement. <i>European Journal of Neuroscience</i> , 2021, 54, 5932-5950.	2.6	0
26	Effects of Different Types of Exercise Training on Fine Motor Skills and Testosterone Concentration in Adolescents: A Cluster Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8243.	2.6	0
27	Dysregulated brain salience within a triple network model in high trait anxiety individuals: A pilot EEG functional connectivity study. <i>International Journal of Psychophysiology</i> , 2020, 157, 61-69.	1.0	14
28	Physical Exercise and Immune System in the Elderly: Implications and Importance in COVID-19 Pandemic Period. <i>Frontiers in Psychology</i> , 2020, 11, 593903.	2.1	27
29	COVID-19 and Quarantine: Expanding Understanding of How to Stay Physically Active at Home. <i>Frontiers in Psychology</i> , 2020, 11, 566032.	2.1	5
30	Exercise is medicine: a new perspective for health promotion in bipolar disorder. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 1099-1107.	2.8	6
31	Perspective of Dose and Response for Individualized Physical Exercise and Training Prescription. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 48.	2.4	22
32	Effects of Cardiovascular Interval Training in Healthy Elderly Subjects: A Systematic Review. <i>Frontiers in Physiology</i> , 2020, 11, 739.	2.8	7
33	The effects of an exercise training on steroid hormones in preadolescent children – a moderator for enhanced cognition?. <i>Physiology and Behavior</i> , 2020, 227, 113168.	2.1	5
34	The retinoid X receptor: a nuclear receptor that modulates the sleep-wake cycle in rats. <i>Psychopharmacology</i> , 2020, 237, 2055-2073.	3.1	1
35	Assessing the Management of Excessive Daytime Sleepiness by Napping Benefits. <i>Sleep and Vigilance</i> , 2020, 4, 117-123.	0.8	0
36	Systematic Review of Meta-Analyses: Exercise Effects on Depression in Children and Adolescents. <i>Frontiers in Psychiatry</i> , 2020, 11, 81.	2.6	75

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37	Physical Exercise Potentials Against Viral Diseases Like COVID-19 in the Elderly. <i>Frontiers in Medicine</i> , 2020, 7, 379.	2.6	24
38	A Discussion on Different Approaches for Prescribing Physical Interventions – Four Roads Lead to Rome, but Which One Should We Choose?. <i>Journal of Personalized Medicine</i> , 2020, 10, 55.	2.5	27
39	Benefits of physical activity and physical exercise in the time of pandemic.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2020, 12, S264-S266.	2.1	50
40	Dopaminergic drugs alter beta coherence during motor imagery and motor execution in healthy adults. <i>Arquivos De Neuro-Psiquiatria</i> , 2020, 78, 199-205.	0.8	4
41	The Endocannabinoid System May Modulate Sleep Disorders in Aging. <i>Current Neuropharmacology</i> , 2020, 18, 97-108.	2.9	18
42	Editorial: Neuromodulation of Exercise: Impact on Different Kinds of Behavior. <i>Frontiers in Neuroscience</i> , 2020, 14, 455.	2.8	6
43	Standardization of exercise intensity and consideration of a dose–response is essential. Commentary on “Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimer's models”, by Lourenco et al., published 2019 in <i>Nature Medicine</i> . <i>Journal of Sport and Health Science</i> , 2019, 8, 353-354.	6.5	30
44	Effects of Different Types of Exercise Training on the Cortisol Awakening Response in Children. <i>Frontiers in Endocrinology</i> , 2019, 10, 463.	3.5	18
45	Blueberry intake included in hypocaloric diet decreases weight, glucose, cholesterol, triglycerides and adenosine levels in obese subjects. <i>Journal of Functional Foods</i> , 2019, 60, 103409.	3.4	3
46	Sleep Disorders and Genes. , 2019, , 143-158.		0
47	Sleep and Neurochemical Modulation by DZNep and GSK-J1: Potential Link With Histone Methylation Status. <i>Frontiers in Neuroscience</i> , 2019, 13, 237.	2.8	6
48	A Randomized Controlled Trial on the Effects of Aerobic and Coordinative Training on Neural Correlates of Inhibitory Control in Children. <i>Journal of Clinical Medicine</i> , 2019, 8, 184.	2.4	19
49	A Non-linear Relationship Between Selective Attention and Associated ERP Markers Across the Lifespan. <i>Frontiers in Psychology</i> , 2019, 10, 30.	2.1	22
50	Commentary: Physical Exercise as Personalized Medicine for Dementia Prevention?. <i>Frontiers in Physiology</i> , 2019, 10, 1358.	2.8	16
51	Fighting obesity: Non-pharmacological interventions. <i>Clinical Nutrition ESPEN</i> , 2018, 25, 50-55.	1.2	21
52	Alternative Strategies for Managing Insomnia: The Case of Physical Exercise and Transcranial Direct Current Stimulation. A Narrative Review. <i>Sleep and Vigilance</i> , 2018, 2, 39-44.	0.8	0
53	Does intensity or youth affect the neurobiological effect of exercise on major depressive disorder?. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 492-494.	6.1	15
54	The End of Snoring? Application of CRISPR/Cas9 Genome Editing for Sleep Disorders. <i>Sleep and Vigilance</i> , 2018, 2, 13-21.	0.8	1

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55	An Overview of the Clinical Uses, Pharmacology, and Safety of Modafinil. <i>ACS Chemical Neuroscience</i> , 2018, 9, 151-158.	3.5	69
56	Acute effects of single dose transcranial direct current stimulation on muscle strength: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0209513.	2.5	43
57	Increasing exercise's effect on mental health: Exercise intensity does matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11890-E11891.	7.1	26
58	The impact of an exercise training intervention on cortisol levels and post-traumatic stress disorder in juveniles from an Ugandan refugee settlement: study protocol for a randomized control trial. <i>Trials</i> , 2018, 19, 364.	1.6	21
59	CRISPR/Cas9, the Powerful New Genome-Editing Tool for Putative Therapeutics in Obesity. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 10-16.	2.3	9
60	Effects of Aerobic Exercise on Anxiety Symptoms and Cortical Activity in Patients with Panic Disorder: A Pilot Study. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2018, 14, 11-25.	1.2	21
61	Systemic Injections of Cannabidiol Enhance Acetylcholine Levels from Basal Forebrain in Rats. <i>Neurochemical Research</i> , 2018, 43, 1511-1518.	3.3	17
62	How high level of anxiety in Panic Disorder can interfere in working memory? A computer simulation and electrophysiological investigation. <i>Journal of Psychiatric Research</i> , 2017, 95, 238-246.	3.1	3
63	Role of N-Arachidonoyl-Serotonin (AA-5-HT) in Sleep-Wake Cycle Architecture, Sleep Homeostasis, and Neurotransmitters Regulation. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 152.	2.9	26
64	Relationship Among Body Image, Anthropometric Parameters and Mental Health in Physical Education Students. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2016, 12, 177-187.	1.2	10
65	Acute Affective Responses and Frontal Electroencephalographic Asymmetry to Prescribed and Self-selected Exercise. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2016, 12, 108-119.	1.2	12
66	Acute Exercise and Cognition in Children and Adolescents. , 2016, , 283-294.		3
67	Neuroscience of Exercise: Neuroplasticity and Its Behavioral Consequences. <i>Neural Plasticity</i> , 2016, 2016, 1-3.	2.2	33
68	Brief Rewarming Blunts Hypothermia-Induced Alterations in Sensation, Motor Drive and Cognition. <i>Frontiers in Physiology</i> , 2016, 7, 592.	2.8	15
69	Effects of Motor versus Cardiovascular Exercise Training on Children's Working Memory. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1144-1152.	0.4	106
70	Commentaries on Viewpoint: Reappraisal of the acute, moderate intensity exercise-catecholamines interaction effect on speed of cognition: Role of the vagal/NTS afferent pathway. <i>Journal of Applied Physiology</i> , 2016, 120, 659-660.	2.5	2
71	Electrical mapping in bipolar disorder patients during the oddball paradigm. <i>Journal of Psychiatric Research</i> , 2016, 72, 64-71.	3.1	11
72	Revealing the role of the endocannabinoid system modulators, SR141716A, URB597 and VDM-11, in sleep homeostasis. <i>Neuroscience</i> , 2016, 339, 433-449.	2.3	30

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73	Low-frequency rTMS over the Parieto-â€œfrontal network during a sensorimotor task: The role of absolute beta power in the sensorimotor integration. <i>Neuroscience Letters</i> , 2016, 611, 1-5.	2.1	14
74	The need for differentiating between exercise, physical activity, and training. <i>Autoimmunity Reviews</i> , 2016, 15, 110-111.	5.8	53
75	Alpha power oscillation in the frontal cortex under Bromazepam and Modafinil effects. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 918-923.	0.8	2
76	Physical Activity Interventions in Schools for Improving Lifestyle in European Countries. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2015, 11, 77-101.	1.2	49
77	The cortisol response to exercise in young adults. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 13.	2.0	39
78	Effortless Attention as a Biomarker for Experienced Mindfulness Practitioners. <i>PLoS ONE</i> , 2015, 10, e0138561.	2.5	10
79	Feasibility of an Exercise Program for Older Depressive Inpatients. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2015, 28, 163-171.	0.5	7
80	Comparative Study of Subcortical Atrophy in Patients with Frontotemporal Dementia and Dementia with Extrapyrarnidal Signs. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2015, 11, 125-129.	1.2	2
81	Is Mental Practice an Effective Adjunct Therapeutic Strategy for Upper Limb Motor Restoration After Stroke? A Systematic Review and Meta- Analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 567-575.	1.4	20
82	Comparison Among Aerobic Exercise and Other Types of Interventions to Treat Depression: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1171-1183.	1.4	21
83	Effects of Aerobic Exercise on Anxiety Disorders: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1184-1193.	1.4	29
84	Potential Therapeutic Effects of Physical Exercise for Bipolar Disorder. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1255-1259.	1.4	14
85	The implicit power motive and adolescentsâ€™ salivary cortisol responses to acute psychosocial stress and exercise in school. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1219-1224.	1.4	10
86	Aerobic Exercise Does Not Predict Brain Derived Neurotrophic Factor And Cortisol Alterations in Depressed Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1116-1128.	1.4	4
87	From Mind to Body: Is Mental Practice Effective on Strength Gains? A Meta-Analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1145-1151.	1.4	8
88	Effects of Exercise on Physical and Mental Health, and Cognitive and Brain Functions in Schizophrenia: Clinical and Experimental Evidence. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1244-1254.	1.4	35
89	Effects of Exercise on Anxiety and Depression Disorders: Review of Meta- Analyses and Neurobiological Mechanisms. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1002-1014.	1.4	306
90	The implicit affiliation motive moderates cortisol responses to acute psychosocial stress in high school students. <i>Psychoneuroendocrinology</i> , 2014, 48, 162-168.	2.7	20

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91	Integrative parietal cortex processes: Neurological and psychiatric aspects. <i>Journal of the Neurological Sciences</i> , 2014, 338, 12-22.	0.6	52
92	The Effect of Acute Exercise and Psychosocial Stress on Fine Motor Skills and Testosterone Concentration in the Saliva of High School Students. <i>PLoS ONE</i> , 2014, 9, e92953.	2.5	28
93	Psychosocial Stress But Not Exercise Increases Cortisol and Reduces State Anxiety Levels in School Classes - Results from a Stressor Applicable in Large Group Settings. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1015-1020.	1.4	15
94	Influence of acute and chronic physical activity on cognitive performance and saliva testosterone in preadolescent school children. <i>Mental Health and Physical Activity</i> , 2013, 6, 197-204.	1.8	35
95	Saccadic eye movement applications for psychiatric disorders. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1393.	2.2	46
96	Cortical Reorganization after Hand Immobilization: The beta qEEG Spectral Coherence Evidences. <i>PLoS ONE</i> , 2013, 8, e79912.	2.5	18
97	Repetitive Transcranial Magnetic Stimulation (rTMS) to Treat Social Anxiety Disorder: Case Reports and a Review of the Literature. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2013, 9, 180-188.	1.2	26
98	Alpha-band power in the left frontal cortex discriminates the execution of fixed stimulus during saccadic eye movement. <i>Neuroscience Letters</i> , 2012, 523, 148-153.	2.1	5
99	Intermittent Maximal Exercise Improves Attentional Performance Only in Physically Active Students. <i>Archives of Medical Research</i> , 2012, 43, 125-131.	3.3	47
100	Steroidhormones in the saliva of children after acute physical stress in school. <i>FASEB Journal</i> , 2012, 26, 1094.1.	0.5	0
101	The effects of bromazepam over the temporo-parietal areas during the performance of a visuomotor task: A qEEG study. <i>Neuroscience Letters</i> , 2011, 496, 116-120.	2.1	5
102	Sensorimotor integration and psychopathology: Motor control abnormalities related to psychiatric disorders. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 560-573.	2.6	24
103	Gamma band oscillations in parietooccipital areas during performance of a sensorimotor integration task: a qEEG coherence study. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 304-309.	0.8	3
104	Effects of Methylphenidate on performance of a practical pistol shooting task: a quantitative electroencephalography (qEEG) study. <i>International Archive of Medicine</i> , 2011, 4, 6.	1.2	4
105	The Value of Repetitive Transcranial Magnetic Stimulation (rTMS) for the Treatment of Anxiety Disorders: An Integrative Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 610-620.	1.4	38
106	Terapia-espelho aplicada à recuperação funcional de pacientes Pós-Acidente Vascular Cerebral. <i>Revista Neurociencias</i> , 2011, 19, 171-175.	0.0	3
107	Estimulação magnética transcraniana. <i>Revista Neurociencias</i> , 2011, 19, 339-348.	0.0	1
108	Serotonin transporter promoter polymorphism and dopaminergic sensitivity in alcoholics. <i>Journal of Neural Transmission</i> , 2010, 117, 133-138.	2.8	6

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109	Steroid hormones in the saliva of adolescents after different exercise intensities and their influence on working memory in a school setting. <i>Psychoneuroendocrinology</i> , 2010, 35, 382-391.	2.7	96
110	EEG-based Brain-Computer Interfaces: An Overview of Basic Concepts and Clinical Applications in Neurorehabilitation. <i>Reviews in the Neurosciences</i> , 2010, 21, 451-68.	2.9	94
111	Nicotine Dependence Is Characterized by Disordered Reward Processing in a Network Driving Motivation. <i>Biological Psychiatry</i> , 2010, 67, 745-752.	1.3	172
112	Gamma band oscillations under influence of bromazepam during a sensorimotor integration task: An EEG coherence study. <i>Neuroscience Letters</i> , 2010, 469, 145-149.	2.1	18
113	Changes of somatomotor and parietal regions produced by different amounts of electrical stimulation. <i>Neuroscience Letters</i> , 2010, 469, 150-154.	2.1	1
114	Hormonal responses to physical and cognitive stress in a school setting. <i>Neuroscience Letters</i> , 2010, 474, 131-134.	2.1	44
115	Saliva cortisol in school children after acute physical exercise. <i>Neuroscience Letters</i> , 2010, 483, 16-19.	2.1	30
116	Gamma-band oscillations in fronto-central areas during performance of a sensorimotor integration task: A qEEG coherence study. <i>Neuroscience Letters</i> , 2010, 483, 114-117.	2.1	5
117	Draft for Clinical Practice and Epidemiology in Mental Health Neurobiological Alterations Induced by Exercise and Their Impact on Depressive Disorders. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010, 1, 115-125.	1.2	9
118	Effects of bromazepam in frontal theta activity on the performance of a sensorimotor integration task: A quantitative electroencephalography study. <i>Neuroscience Letters</i> , 2009, 451, 181-184.	2.1	6
119	Interface cérebro-computador. <i>Revista Neurociencias</i> , 2009, 17, 329-235.	0.0	5
120	Aplicações terapêuticas da estimulação cerebral por corrente contínua na neuroreabilitação clínica. <i>Revista Neurociencias</i> , 2009, 17, 298-300.	0.0	2
121	Acute coordinative exercise improves attentional performance in adolescents. <i>Neuroscience Letters</i> , 2008, 441, 219-223.	2.1	408
122	Integration of cortical areas during performance of a catching ball task. <i>Neuroscience Letters</i> , 2008, 446, 7-10.	2.1	10
123	Responsiveness of sensorimotor cortex during pharmacological intervention with bromazepam. <i>Neuroscience Letters</i> , 2008, 448, 33-36.	2.1	11
124	Apomorphine-Induced Growth Hormone Response Is Attenuated by Ethanol but Not Dextromethorphan. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 100-103.	2.4	4
125	Neuroendocrinological and neuropsychological correlates of dopaminergic function in nicotine dependence. <i>Psychopharmacology</i> , 2004, 175, 374-381.	3.1	21
126	The Exercise Effect on Mental Health. , 0, , .		9

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127	Neural Efficiency of Volleyball Players During a Saccadic Eye Movement: Task Using EEG. SSRN Electronic Journal, 0, , .	0.4	0