

Ann-Christine Ehlis

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

9,347
citations

38742

50
h-index

53230

85
g-index

196
all docs

196
docs citations

196
times ranked

9289
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of gestures and visuospatial ability during learning about movements with dynamic visualizations – An fNIRS study. <i>Computers in Human Behavior</i> , 2022, 129, 107151.	8.5	8
2	The effects of hypnotherapy compared to cognitive behavioral therapy in depression: a NIRS-study using an emotional gait paradigm. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 729-739.	3.2	1
3	Training causes activation increase in temporo-parietal and parietal regions in children with mathematical disabilities. <i>Brain Structure and Function</i> , 2022, 227, 1757-1771.	2.3	5
4	Trait rumination and social anxiety separately influence stress-induced rumination and hemodynamic responses. <i>Scientific Reports</i> , 2022, 12, 5512.	3.3	5
5	Associations of Different Emotion Regulation Strategies with Coping-Efficacy, Rumination and Stress. <i>Cognitive Therapy and Research</i> , 2022, 46, 889-901.	1.9	2
6	Effects of aging on functional connectivity in a neurodegenerative risk cohort: resting state versus task measurement using near-infrared spectroscopy. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
7	Action Monitoring Alterations as Indicators of Predictive Deficits in Schizophrenia. <i>Topics in Cognitive Science</i> , 2021, 13, 142-163.	1.9	7
8	Diminished prefrontal cortex activation in patients with binge eating disorder associates with trait impulsivity and improves after impulsivity-focused treatment based on a randomized controlled IMPULS trial. <i>NeuroImage: Clinical</i> , 2021, 30, 102679.	2.7	24
9	Neural oscillatory responses to performance monitoring differ between high- and low-impulsive individuals, but are unaffected by TMS. <i>Human Brain Mapping</i> , 2021, 42, 2416-2433.	3.6	4
10	Mind the food: behavioural characteristics and imaging signatures of the specific handling of food objects. <i>Brain Structure and Function</i> , 2021, 226, 1169-1183.	2.3	1
11	The impact of TMS-enhanced cognitive control on forgiveness processes. <i>Brain and Behavior</i> , 2021, 11, e02131.	2.2	3
12	Age-related deterioration of performance and increase of cortex activity comparing time- versus item-controlled fNIRS measurement. <i>Scientific Reports</i> , 2021, 11, 6766.	3.3	3
13	Examining the relevance of basic numerical skills for mathematical achievement in secondary school using a within-task assessment approach. <i>Acta Psychologica</i> , 2021, 215, 103289.	1.5	2
14	To Regulate or Not to Regulate: Emotion Regulation in Participants With Low and High Impulsivity. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 645052.	2.0	3
15	A randomized-controlled neurofeedback trial in adult attention-deficit/hyperactivity disorder. <i>Scientific Reports</i> , 2021, 11, 16873.	3.3	11
16	A Common CDH13 Variant Is Associated with Low Agreeableness and Neural Responses to Working Memory Tasks in ADHD. <i>Genes</i> , 2021, 12, 1356.	2.4	7
17	Abnormally reduced frontal cortex activity during Trail-Making-Test in prodromal parkinson's disease – a fNIRS study. <i>Neurobiology of Aging</i> , 2021, 105, 148-158.	3.1	6
18	Insights from a laboratory and naturalistic investigation on stress, rumination and frontal brain functioning in MDD: An fNIRS study. <i>Neurobiology of Stress</i> , 2021, 15, 100344.	4.0	10

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19	Evidence of fNIRS-Based Prefrontal Cortex Hypoactivity in Obesity and Binge-Eating Disorder. <i>Brain Sciences</i> , 2021, 11, 19.	2.3	20
20	Monitoring Processes and Their Neuronal Correlates as the Basis of Auditory Verbal Hallucinations in a Non-clinical Sample. <i>Frontiers in Psychiatry</i> , 2021, 12, 644052.	2.6	0
21	<i>KCNJ6</i> variants modulate reward-related brain processes and impact executive functions in attention-deficit/hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 247-257.	1.7	9
22	Neural correlates of mindful emotion regulation in high and low ruminators. <i>Scientific Reports</i> , 2020, 10, 15617.	3.3	9
23	Neuronal correlates of spider phobia in a combined fNIRS-EEG study. <i>Scientific Reports</i> , 2020, 10, 12597.	3.3	11
24	The Neural Bases of Tinnitus: Lessons from Deafness and Cochlear Implants. <i>Journal of Neuroscience</i> , 2020, 40, 7190-7202.	3.6	65
25	Amplitude of low frequency fluctuations (ALFF) of spontaneous and induced rumination in major depression: An fNIRS study. <i>Scientific Reports</i> , 2020, 10, 21520.	3.3	14
26	Predictors of neurofeedback training outcome: A systematic review. <i>NeuroImage: Clinical</i> , 2020, 27, 102301.	2.7	40
27	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020, 143, 1674-1685.	7.6	188
28	Cortical oxygenation during exposure therapy "in situ fNIRS measurements in arachnophobia. <i>NeuroImage: Clinical</i> , 2020, 26, 102219.	2.7	10
29	Frontal brain activity in individuals at risk for schizophrenic psychosis and bipolar disorder during the emotional Stroop task "an fNIRS study. <i>NeuroImage: Clinical</i> , 2020, 26, 102232.	2.7	9
30	Individual Differences in Math Ability Determine Neurocognitive Processing of Arithmetic Complexity: A Combined fNIRS-EEG Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 227.	2.0	18
31	Disinhibited Revenge "An fNIRS Study on Forgiveness and Cognitive Control. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 223.	2.0	10
32	The neural dynamics of hierarchical Bayesian causal inference in multisensory perception. <i>Nature Communications</i> , 2019, 10, 1907.	12.8	118
33	Oscillatory EEG Changes During Arithmetic Learning in Children. <i>Developmental Neuropsychology</i> , 2019, 44, 325-338.	1.4	14
34	Math Anxiety in Combination With Low Visuospatial Memory Impairs Math Learning in Children. <i>Frontiers in Psychology</i> , 2019, 10, 89.	2.1	22
35	Interoceptive awareness in patients with attention-deficit/hyperactivity disorder (ADHD). <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2019, 11, 395-401.	1.7	18
36	No Difference in the Neural Underpinnings of Number and Letter Copying in Children: Bayesian Analysis of Functional Near-Infrared Spectroscopy Data. <i>Mind, Brain, and Education</i> , 2019, 13, 313-325.	1.9	3

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37	Do students learn better when seated close to the teacher? A virtual classroom study considering individual levels of inattention and hyperactivity-impulsivity. <i>Learning and Instruction</i> , 2019, 61, 138-147.	3.2	32
38	Feasibility of NIRS-based neurofeedback training in social anxiety disorder: behavioral and neural correlates. <i>Journal of Neural Transmission</i> , 2019, 126, 1175-1185.	2.8	24
39	Reducing auditory verbal hallucinations by means of fNIRS neurofeedback – A case study with a paranoid schizophrenic patient. <i>Schizophrenia Research</i> , 2019, 204, 401-403.	2.0	12
40	Excessive bodybuilding as pathology? A first neurophysiological classification. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 626-636.	2.6	16
41	Stress-related dysfunction of the right inferior frontal cortex in high ruminators: An fNIRS study. <i>NeuroImage: Clinical</i> , 2018, 18, 510-517.	2.7	49
42	The neural circuits of number and letter copying: an fNIRS study. <i>Experimental Brain Research</i> , 2018, 236, 1129-1138.	1.5	7
43	Reduction but no shift in brain activation after arithmetic learning in children: A simultaneous fNIRS-EEG study. <i>Scientific Reports</i> , 2018, 8, 1707.	3.3	41
44	Food specific inhibitory control under negative mood in binge-eating disorder: Evidence from a multimethod approach*. <i>International Journal of Eating Disorders</i> , 2018, 51, 112-123.	4.0	47
45	Cortical hemodynamic changes during the Trier Social Stress Test: An fNIRS study. <i>NeuroImage</i> , 2018, 171, 107-115.	4.2	45
46	Cue Reactivity Essentials: Event-Related Potentials During Identification of Visual Alcoholic Stimuli in Social Drinkers. <i>Journal of Studies on Alcohol and Drugs</i> , 2018, 79, 137-147.	1.0	8
47	The neural correlates of arithmetic difficulty depend on mathematical ability: evidence from combined fNIRS and ERP. <i>Brain Structure and Function</i> , 2018, 223, 2561-2574.	2.3	30
48	Meditation and the brain – Neuronal correlates of mindfulness as assessed with near-infrared spectroscopy. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 24-33.	1.8	24
49	Disrupted prefrontal functional connectivity during post-stress adaption in high ruminators. <i>Scientific Reports</i> , 2018, 8, 15588.	3.3	18
50	Forgiveness and cognitive control – Provoking revenge via theta-burst-stimulation of the DLPFC. <i>NeuroImage</i> , 2018, 183, 769-775.	4.2	32
51	Near-Infrared Spectroscopy as a New Tool for Neurofeedback Training: Applications in Psychiatry and Methodological Considerations. <i>Japanese Psychological Research</i> , 2018, 60, 225-241.	1.1	31
52	Neurophysiological correlates of the attention training technique: A component study. <i>NeuroImage: Clinical</i> , 2018, 19, 1018-1024.	2.7	17
53	The neural correlates of mental arithmetic in adolescents: a longitudinal fNIRS study. <i>Behavioral and Brain Functions</i> , 2018, 14, 5.	3.3	45
54	Functionally disconnected: A look at how study design influences neurofeedback data and mechanisms in attention-deficit/hyperactivity disorder. <i>PLoS ONE</i> , 2018, 13, e0200931.	2.5	15

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55	Identification of neurophysiological biotypes in attention deficit hyperactivity disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 836-848.	1.8	14
56	The Positive Brain â€“ Resting State Functional Connectivity in Highly Vital and Flourishing Individuals. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 540.	2.0	11
57	Comparison of speed versus complexity effects on the hemodynamic response of the trail making test in block designs. <i>Neurophotonics</i> , 2018, 5, 1.	3.3	9
58	Performance monitoring and post-error adjustments in adults with attention-deficit/hyperactivity disorder: an EEG analysis. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 396-406.	2.4	14
59	Cue Reactivity Essentials: Event-Related Potentials During Identification of Visual Alcoholic Stimuli in Social Drinkers. <i>Journal of Studies on Alcohol and Drugs</i> , 2018, 79, 137-147.	1.0	1
60	Cue Reactivity Essentials: Event-Related Potentials During Identification of Visual Alcoholic Stimuli in Social Drinkers. <i>Journal of Studies on Alcohol and Drugs</i> , 2018, 79, 137-147.	1.0	4
61	Prefrontal functional connectivity measured with nearâ€infrared spectroscopy during smoking cue exposure. <i>Addiction Biology</i> , 2017, 22, 513-522.	2.6	21
62	<i>SLC2A3</i> singleâ€nucleotide polymorphism and duplication influence cognitive processing and populationâ€specific risk for attentionâ€deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 798-809.	5.2	25
63	NIRS-based neurofeedback training in a virtual reality classroom for children with attention-deficit/hyperactivity disorder: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 41.	1.6	57
64	Increased arithmetic complexity is associated with domain-general but not domain-specific magnitude processing in children: A simultaneous fNIRS-EEG study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 724-736.	2.0	30
65	EMG biofeedback training in adult attention-deficit/hyperactivity disorder: An active (control) training?. <i>Behavioural Brain Research</i> , 2017, 329, 58-66.	2.2	20
66	Aberrant functional connectivity in depression as an index of state and trait rumination. <i>Scientific Reports</i> , 2017, 7, 2174.	3.3	53
67	Functional brain imaging of walking while talking â€“ An fNIRS study. <i>Neuroscience</i> , 2017, 343, 85-93.	2.3	54
68	Neurobiological and clinical effects of fNIRS-controlled rTMS in patients with panic disorder/agoraphobia during cognitive-behavioural therapy. <i>NeuroImage: Clinical</i> , 2017, 16, 668-677.	2.7	29
69	Near-Infrared Spectroscopy-Based Frontal Lobe Neurofeedback Integrated in Virtual Reality Modulates Brain and Behavior in Highly Impulsive Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 425.	2.0	50
70	The Temporal Muscle of the Head Can Cause Artifacts in Optical Imaging Studies with Functional Near-Infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 456.	2.0	34
71	Dual Tasking for the Differentiation between Depression and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 235.	3.4	14
72	Near-Infrared Spectroscopy based Neurofeedback of Prefrontal Cortex Activity: A Proof-of-Concept Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 633.	2.0	30

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73	Brain activation in frontotemporal and Alzheimer's dementia: a functional near-infrared spectroscopy study. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 56.	6.2	38
74	Task-dependent and polarity-specific effects of prefrontal transcranial direct current stimulation on cortical activation during word fluency. <i>NeuroImage</i> , 2016, 140, 134-140.	4.2	41
75	State-dependent altered connectivity in late-life depression: a functional near-infrared spectroscopy study. <i>Neurobiology of Aging</i> , 2016, 39, 57-68.	3.1	38
76	Alleged Approach-Avoidance Conflict for Food Stimuli in Binge Eating Disorder. <i>PLoS ONE</i> , 2016, 11, e0152271.	2.5	35
77	Emotional Distraction and Bodily Reaction: Modulation of Autonomous Responses by Anodal tDCS to the Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 482.	3.7	13
78	Neurofeedback as a nonpharmacological treatment for adults with attention-deficit/hyperactivity disorder (ADHD): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 174.	1.6	35
79	Electrophysiological evidence of a typical cognitive distortion in bipolar disorder. <i>Cortex</i> , 2015, 66, 103-114.	2.4	6
80	The relation of SMI and the VSEP in a risk sample for neurodegenerative disorders. <i>Journal of Neural Transmission</i> , 2015, 122, 1167-1174.	2.8	8
81	Haemodynamic and electrophysiological markers of pragmatic language comprehension in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 398-410.	2.6	19
82	Effects of cholinesterase inhibitor on brain activation in Alzheimer's patients measured with functional near-infrared spectroscopy. <i>Psychopharmacology</i> , 2015, 232, 4383-4391.	3.1	11
83	Watching corresponding gestures facilitates learning with animations by activating human mirror-neurons: An fNIRS study. <i>Learning and Instruction</i> , 2015, 36, 27-37.	3.2	48
84	Age and Vascular Burden Determinants of Cortical Hemodynamics Underlying Verbal Fluency. <i>PLoS ONE</i> , 2015, 10, e0138863.	2.5	21
85	Replication of the correlation between natural mood states and working memory-related prefrontal activity measured by near-infrared spectroscopy in a German sample. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 37.	2.0	27
86	Does rTMS Alter Neurocognitive Functioning in Patients with Panic Disorder/Agoraphobia? An fNIRS-Based Investigation of Prefrontal Activation during a Cognitive Task and Its Modulation via Sham-Controlled rTMS. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	31
87	NIRS in motion: unraveling the neurocognitive underpinnings of embodied numerical cognition. <i>Frontiers in Psychology</i> , 2014, 5, 743.	2.1	10
88	Prefrontal correlates of approach preferences for alcohol stimuli in alcohol dependence. <i>Addiction Biology</i> , 2014, 19, 497-508.	2.6	56
89	Influence of Different Stimulation Parameters on the Somatosensory Evoked Potentials of the Nervus Vagus: How Varied Stimulation Parameters Affect VSEP. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 143-148.	1.7	13
90	Activation during the Trail Making Test measured with functional near-infrared spectroscopy in healthy elderly subjects. <i>NeuroImage</i> , 2014, 85, 583-591.	4.2	60

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91	Show me how you walk and I tell you how you feel – A functional near-infrared spectroscopy study on emotion perception based on human gait. <i>NeuroImage</i> , 2014, 85, 380-390.	4.2	47
92	Imaging genetics in adult attention-deficit/hyperactivity disorder (ADHD): a way towards pathophysiological understanding?. <i>Borderline Personality Disorder and Emotion Dysregulation</i> , 2014, 1, 6.	2.6	8
93	Beyond the N400: Complementary access to early neural correlates of novel metaphor comprehension using combined electrophysiological and haemodynamic measurements. <i>Cortex</i> , 2014, 53, 45-59.	2.4	35
94	Implicit emotion regulation in the presence of threat: Neural and autonomic correlates. <i>NeuroImage</i> , 2014, 85, 372-379.	4.2	60
95	Application of functional near-infrared spectroscopy in psychiatry. <i>NeuroImage</i> , 2014, 85, 478-488.	4.2	228
96	Near-infrared spectroscopy (NIRS) neurofeedback as a treatment for children with attention deficit hyperactivity disorder (ADHD) – a pilot study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1038.	2.0	75
97	Revise the revised? New dimensions of the neuroanatomical hypothesis of panic disorder. <i>Journal of Neural Transmission</i> , 2013, 120, 3-29.	2.8	147
98	Inhibitory transcranial magnetic theta burst stimulation attenuates prefrontal cortex oxygenation. <i>Human Brain Mapping</i> , 2013, 34, 150-157.	3.6	53
99	A novel approach to probabilistic biomarker-based classification using functional near-infrared spectroscopy. <i>Human Brain Mapping</i> , 2013, 34, 1102-1114.	3.6	30
100	Variability of (functional) hemodynamics as measured with simultaneous fNIRS and fMRI during intertemporal choice. <i>NeuroImage</i> , 2013, 71, 125-134.	4.2	87
101	Genetic Variation in MAOA Modulates Prefrontal Cortical Regulation of Approach-Avoidance Reactions. <i>Neuropsychobiology</i> , 2013, 67, 168-180.	1.9	5
102	Aging-related cortical reorganization of verbal fluency processing: a functional near-infrared spectroscopy study. <i>Neurobiology of Aging</i> , 2013, 34, 439-450.	3.1	77
103	Working Memory and Response Inhibition as One Integral Phenotype of Adult ADHD? A Behavioral and Imaging Correlational Investigation. <i>Journal of Attention Disorders</i> , 2013, 17, 470-482.	2.6	34
104	COMT – DRD4 Epistasis Impacts Prefrontal Cortex Function Underlying Response Control. <i>Cerebral Cortex</i> , 2013, 23, 1453-1462.	2.9	34
105	N1 and N2 ERPs reflect the regulation of automatic approach tendencies to positive stimuli. <i>Neuroscience Research</i> , 2013, 75, 239-249.	1.9	44
106	Influence of a Latrophilin 3 (LPHN3) risk haplotype on event-related potential measures of cognitive response control in attention-deficit hyperactivity disorder (ADHD). <i>European Neuropsychopharmacology</i> , 2013, 23, 458-468.	0.7	35
107	Neuropeptide S receptor gene: Fear-specific modulations of prefrontal activation. <i>NeuroImage</i> , 2013, 66, 353-360.	4.2	28
108	Prefrontal activation patterns of automatic and regulated approach-avoidance reactions – A functional near-infrared spectroscopy (fNIRS) study. <i>Cortex</i> , 2013, 49, 131-142.	2.4	64

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109	Is There a Negative Interpretation Bias in Depressed Patients An Affective Startle Modulation Study. <i>Neuropsychobiology</i> , 2013, 67, 201-209.	1.9	4
110	The impact of task relevance and degree of distraction on stimulus processing. <i>BMC Neuroscience</i> , 2013, 14, 107.	1.9	16
111	Quetiapine and flupentixol differentially improve anterior cingulate cortex function in schizophrenia patients: an event-related potential study. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1911-1925.	2.1	9
112	The Modulation of Error Processing in the Medial Frontal Cortex by Transcranial Direct Current Stimulation. <i>Neuroscience Journal</i> , 2013, 2013, 1-10.	2.5	25
113	Vagus Somatosensory Evoked Potentials – A Possibility for Diagnostic Improvement in Patients with Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 33, 289-296.	1.5	12
114	Functional near Infrared Spectroscopy in Psychiatry: A Critical Review. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 93-105.	1.5	27
115	Neural correlates of the emotional Stroop task in panic disorder patients: An event-related fMRI study. <i>Journal of Psychiatric Research</i> , 2012, 46, 1627-1634.	3.1	53
116	Hypofrontality in schizophrenic patients and its relevance for the choice of antipsychotic medication: An event-related potential study. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 188-199.	2.6	12
117	Reliability of the emotional Stroop task: An investigation of patients with panic disorder. <i>Journal of Psychiatric Research</i> , 2012, 46, 1243-1248.	3.1	26
118	Biomarkers for attention-deficit/hyperactivity disorder (ADHD). A consensus report of the WFSBP task force on biological markers and the World Federation of ADHD. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 379-400.	2.6	108
119	Controlled attention allocation mediates the relation between goal-oriented pursuit and approach-avoidance reactions to negative stimuli. <i>Biological Psychology</i> , 2012, 91, 312-320.	2.2	12
120	Randomness of resting-state brain oscillations encodes Gray's personality trait. <i>NeuroImage</i> , 2012, 59, 1842-1845.	4.2	49
121	Differential prefrontal and frontotemporal oxygenation patterns during phonemic and semantic verbal fluency. <i>Neuropsychologia</i> , 2012, 50, 1565-1569.	1.6	66
122	Reduced prefrontal oxygenation during object and spatial visual working memory in unipolar and bipolar depression. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 378-384.	1.8	54
123	Vagus nerve somatosensory evoked potentials in Parkinson's disease. <i>Journal of Neurology</i> , 2011, 258, 2276-2277.	3.6	16
124	Neural correlates of spontaneous panic attacks. <i>Journal of Neural Transmission</i> , 2011, 118, 263-269.	2.8	30
125	Influence of a genetic variant of the neuronal growth associated protein Stathmin 1 on cognitive and affective control processes: An event-related potential study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 291-302.	1.7	31
126	A functional promoter polymorphism of neuronal nitric oxide synthase moderates prefrontal functioning in schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 887-897.	2.1	38

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127	Simulation of Near-Infrared Light Absorption Considering Individual Head and Prefrontal Cortex Anatomy: Implications for Optical Neuroimaging. PLoS ONE, 2011, 6, e26377.	2.5	200
128	Integrating Neurobiological Markers of Depression. Archives of General Psychiatry, 2010, 68, 361.	12.3	130
129	Reduced NoGo-anteriorisation during continuous performance test in deletion syndrome 22q11.2. Journal of Psychiatric Research, 2010, 44, 768-774.	3.1	7
130	DTNBP1 (dysbindin) gene variants modulate prefrontal brain function in schizophrenic patients â€“ support for the glutamate hypothesis of schizophrenias. Genes, Brain and Behavior, 2010, 9, 489-497.	2.2	23
131	Neural correlates of performance monitoring in adult patients with attention deficit hyperactivity disorder (ADHD). World Journal of Biological Psychiatry, 2010, 11, 457-464.	2.6	47
132	Dopamine Transporter (SLC6A3) Genotype Impacts Neurophysiological Correlates of Cognitive Response Control in an Adult Sample of Patients with ADHD. Neuropsychopharmacology, 2010, 35, 2193-2202.	5.4	37
133	Altered Parietal Brain Oxygenation in Alzheimer's Disease as Assessed With Near-Infrared Spectroscopy. American Journal of Geriatric Psychiatry, 2010, 18, 433-441.	1.2	47
134	Functional Amygdala-Hippocampus Connectivity During Anticipation of Aversive Events is Associated with Gray's Trait â€œSensitivity to Punishmentâ€•. Biological Psychiatry, 2010, 68, 459-464.	1.3	49
135	The time course of temporal discrimination: An ERP study. Clinical Neurophysiology, 2010, 121, 43-52.	1.5	49
136	Influence of muscle activity on brain oxygenation during verbal fluency assessed with functional near-infrared spectroscopy. Neuroscience, 2010, 171, 434-442.	2.3	39
137	Neural correlates of performance monitoring in adult patients with attention deficit hyperactivity disorder (ADHD). World Journal of Biological Psychiatry, 2010, 11, 1-8.	2.6	30
138	Panic disorder and a possible treatment approach by means of high-frequency rTMS: A case report. World Journal of Biological Psychiatry, 2009, 10, 991-997.	2.6	37
139	Influence of Functional Variant of Neuronal Nitric Oxide Synthase on Impulsive Behaviors in Humans. Archives of General Psychiatry, 2009, 66, 41.	12.3	136
140	Changes in cortical blood oxygenation during arithmetical tasks measured by near-infrared spectroscopy. Journal of Neural Transmission, 2009, 116, 267-273.	2.8	28
141	Auricular vagus somatosensory evoked potentials in vascular dementia. Journal of Neural Transmission, 2009, 116, 473-477.	2.8	14
142	Far field potentials from brain stem after transcutaneous Vagus nerve stimulation: optimization of stimulation and recording parameters. Journal of Neural Transmission, 2009, 116, 1237-1242.	2.8	78
143	Arithmetic tasks in different formats and their influence on behavior and brain oxygenation as assessed with near-infrared spectroscopy (NIRS): a study involving primary and secondary school children. Journal of Neural Transmission, 2009, 116, 1689-1700.	2.8	28
144	Tph2 gene variants modulate response control processes in adult ADHD patients and healthy individuals. Molecular Psychiatry, 2009, 14, 1032-1039.	7.9	74

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145	Cortical correlates of auditory sensory gating: A simultaneous near-infrared spectroscopy event-related potential study. <i>Neuroscience</i> , 2009, 159, 1032-1043.	2.3	61
146	The effect of ADHD symptoms on performance monitoring in a non-clinical population. <i>Psychiatry Research</i> , 2009, 169, 144-148.	3.3	32
147	Neural response to reward anticipation is modulated by Gray's impulsivity. <i>NeuroImage</i> , 2009, 46, 1148-1153.	4.2	118
148	Enhancement of activity of the primary visual cortex during processing of emotional stimuli as measured with event-related functional near-infrared spectroscopy and event-related potentials. <i>Human Brain Mapping</i> , 2008, 29, 28-35.	3.6	91
149	Reduced lateral prefrontal activation in adult patients with attention-deficit/hyperactivity disorder (ADHD) during a working memory task: A functional near-infrared spectroscopy (fNIRS) study. <i>Journal of Psychiatric Research</i> , 2008, 42, 1060-1067.	3.1	179
150	Diminished prefrontal oxygenation with normal and above-average verbal fluency performance in adult ADHD. <i>Journal of Psychiatric Research</i> , 2008, 43, 98-106.	3.1	61
151	Functional near-infrared spectroscopy: A long-term reliable tool for measuring brain activity during verbal fluency. <i>NeuroImage</i> , 2008, 43, 147-155.	4.2	156
152	Reduced Prefrontal Oxygenation in Alzheimer Disease During Verbal Fluency Tasks. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 125-135.	1.2	70
153	Impact of Catechol-O-Methyltransferase on Prefrontal Brain Functioning in Schizophrenia Spectrum Disorders. <i>Neuropsychopharmacology</i> , 2007, 32, 162-170.	5.4	54
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