

# Ann-Christine Ehlis

## List of Publications by Year in descending order

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Version: 2024-02-01

189  
papers

9,347  
citations

38720

50  
h-index

53190

85  
g-index

196  
all docs

196  
docs citations

196  
times ranked

9289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Source localization (LORETA) of the error-related-negativity (ERN/Ne) and positivity (Pe). <i>Cognitive Brain Research</i> , 2004, 20, 294-299.	3.3	353
2	Event-related functional near-infrared spectroscopy (fNIRS): Are the measurements reliable?. <i>NeuroImage</i> , 2006, 31, 116-124.	2.1	307
3	Model-based analysis of rapid event-related functional near-infrared spectroscopy (NIRS) data: A parametric validation study. <i>NeuroImage</i> , 2007, 35, 625-634.	2.1	244
4	Application of functional near-infrared spectroscopy in psychiatry. <i>NeuroImage</i> , 2014, 85, 478-488.	2.1	228
5	Consensus paper of the WFSBP Task Force on Biological Markers: Biological Markers in Depression. <i>World Journal of Biological Psychiatry</i> , 2007, 8, 141-174.	1.3	219
6	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006, 11, 286-300.	4.1	204
7	Simulation of Near-Infrared Light Absorption Considering Individual Head and Prefrontal Cortex Anatomy: Implications for Optical Neuroimaging. <i>PLoS ONE</i> , 2011, 6, e26377.	1.1	200
8	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020, 143, 1674-1685.	3.7	188
9	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.	1.5	179
10	Early stages (P100) of face perception in humans as measured with event-related potentials (ERPs). <i>Journal of Neural Transmission</i> , 2005, 112, 1073-1081.	1.4	175
11	Frontal activation during a verbal-fluency task as measured by near-infrared spectroscopy. <i>Brain Research Bulletin</i> , 2003, 61, 51-56.	1.4	173
12	Altered response control and anterior cingulate function in attention-deficit/hyperactivity disorder boys. <i>Clinical Neurophysiology</i> , 2004, 115, 973-981.	0.7	167
13	Far field potentials from the brain stem after transcutaneous vagus nerve stimulation. <i>Journal of Neural Transmission</i> , 2003, 110, 1437-1443.	1.4	157
14	Functional near-infrared spectroscopy: A long-term reliable tool for measuring brain activity during verbal fluency. <i>NeuroImage</i> , 2008, 43, 147-155.	2.1	156
15	Revise the revised? New dimensions of the neuroanatomical hypothesis of panic disorder. <i>Journal of Neural Transmission</i> , 2013, 120, 3-29.	1.4	147
16	Cerebral oxygenation changes in the prefrontal cortex: Effects of age and gender. <i>Neurobiology of Aging</i> , 2006, 27, 888-894.	1.5	144
17	Influence of Functional Variant of Neuronal Nitric Oxide Synthase on Impulsive Behaviors in Humans. <i>Archives of General Psychiatry</i> , 2009, 66, 41.	13.8	136
18	Integrating Neurobiological Markers of Depression. <i>Archives of General Psychiatry</i> , 2010, 68, 361.	13.8	130

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19	Multi-channel near-infrared spectroscopy detects specific inferior-frontal activation during incongruent Stroop trials. <i>Biological Psychology</i> , 2005, 69, 315-331.	1.1	122
20	Neural response to reward anticipation is modulated by Gray's impulsivity. <i>NeuroImage</i> , 2009, 46, 1148-1153.	2.1	118
21	The neural dynamics of hierarchical Bayesian causal inference in multisensory perception. <i>Nature Communications</i> , 2019, 10, 1907.	5.8	118
22	Cortical activation during two verbal fluency tasks in schizophrenic patients and healthy controls as assessed by multi-channel near-infrared spectroscopy. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 1-13.	0.9	114
23	Allelic Variation of Serotonin Transporter Function Modulates the Brain Electrical Response for Error Processing. <i>Neuropsychopharmacology</i> , 2004, 29, 1506-1511.	2.8	111
24	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.	1.3	108
25	Source Localization of Early Stages of Face Processing. <i>Brain Topography</i> , 2005, 18, 77-85.	0.8	107
26	Prefrontal activation through task requirements of emotional induction measured with NIRS. <i>Biological Psychology</i> , 2003, 64, 255-263.	1.1	105
27	Event-related functional near-infrared spectroscopy (fNIRS) based on craniocerebral correlations: Reproducibility of activation?. <i>Human Brain Mapping</i> , 2007, 28, 733-741.	1.9	99
28	The other-race effect for face perception: an event-related potential study. <i>Journal of Neural Transmission</i> , 2007, 114, 951-957.	1.4	98
29	Diminished prefrontal brain function in adults with psychopathology in childhood related to attention deficit hyperactivity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 157-169.	0.9	91
30	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.	1.9	91
31	Variability of (functional) hemodynamics as measured with simultaneous fNIRS and fMRI during intertemporal choice. <i>NeuroImage</i> , 2013, 71, 125-134.	2.1	87
32	DTNBP1 (Dysbindin) Gene Variants Modulate Prefrontal Brain Function in Healthy Individuals. <i>Neuropsychopharmacology</i> , 2006, 31, 2002-2010.	2.8	84
33	Optical topography during a Go/NoGo task assessed with multi-channel near-infrared spectroscopy. <i>Behavioural Brain Research</i> , 2005, 160, 135-140.	1.2	82
34	Far field potentials from brain stem after transcutaneous Vagus nerve stimulation: optimization of stimulation and recording parameters. <i>Journal of Neural Transmission</i> , 2009, 116, 1237-1242.	1.4	78
35	Ageing-related cortical reorganization of verbal fluency processing: a functional near-infrared spectroscopy study. <i>Neurobiology of Ageing</i> , 2013, 34, 439-450.	1.5	77
36	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.	1.0	75

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37	Tph2 gene variants modulate response control processes in adult ADHD patients and healthy individuals. <i>Molecular Psychiatry</i> , 2009, 14, 1032-1039.	4.1	74
38	Reduced Prefrontal Oxygenation in Alzheimer Disease During Verbal Fluency Tasks. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 125-135.	0.6	70
39	Differential prefrontal and frontotemporal oxygenation patterns during phonemic and semantic verbal fluency. <i>Neuropsychologia</i> , 2012, 50, 1565-1569.	0.7	66
40	The Neural Bases of Tinnitus: Lessons from Deafness and Cochlear Implants. <i>Journal of Neuroscience</i> , 2020, 40, 7190-7202.	1.7	65
41	Prefrontal activation patterns of automatic and regulated approach-avoidance reactions – A functional near-infrared spectroscopy (fNIRS) study. <i>Cortex</i> , 2013, 49, 131-142.	1.1	64
42	Diminished prefrontal oxygenation with normal and above-average verbal fluency performance in adult ADHD. <i>Journal of Psychiatric Research</i> , 2008, 43, 98-106.	1.5	61
43	Cortical correlates of auditory sensory gating: A simultaneous near-infrared spectroscopy event-related potential study. <i>Neuroscience</i> , 2009, 159, 1032-1043.	1.1	61
44	Activation during the Trail Making Test measured with functional near-infrared spectroscopy in healthy elderly subjects. <i>NeuroImage</i> , 2014, 85, 583-591.	2.1	60
45	Implicit emotion regulation in the presence of threat: Neural and autonomic correlates. <i>NeuroImage</i> , 2014, 85, 372-379.	2.1	60
46	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.	0.7	57
47	Prefrontal correlates of approach preferences for alcohol stimuli in alcohol dependence. <i>Addiction Biology</i> , 2014, 19, 497-508.	1.4	56
48	Age effect on far field potentials from the brain stem after transcutaneous vagus nerve stimulation. <i>International Journal of Psychophysiology</i> , 2005, 56, 37-43.	0.5	55
49	Impact of Catechol-O-Methyltransferase on Prefrontal Brain Functioning in Schizophrenia Spectrum Disorders. <i>Neuropsychopharmacology</i> , 2007, 32, 162-170.	2.8	54
50	Reduced prefrontal oxygenation during object and spatial visual working memory in unipolar and bipolar depression. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 378-384.	0.9	54
51	Functional brain imaging of walking while talking – An fNIRS study. <i>Neuroscience</i> , 2017, 343, 85-93.	1.1	54
52	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.	1.5	53
53	Inhibitory transcranial magnetic theta burst stimulation attenuates prefrontal cortex oxygenation. <i>Human Brain Mapping</i> , 2013, 34, 150-157.	1.9	53
54	Aberrant functional connectivity in depression as an index of state and trait rumination. <i>Scientific Reports</i> , 2017, 7, 2174.	1.6	53

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55	Cortical excitability in adult patients with attention-deficit/hyperactivity disorder (ADHD). <i>Neuroscience Letters</i> , 2007, 419, 137-141.	1.0	51
56	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.	1.0	50
57	Functional Amygdala-Hippocampus Connectivity During Anticipation of Aversive Events is Associated with Gray's Trait "Sensitivity to Punishment". <i>Biological Psychiatry</i> , 2010, 68, 459-464.	0.7	49
58	The time course of temporal discrimination: An ERP study. <i>Clinical Neurophysiology</i> , 2010, 121, 43-52.	0.7	49
59	Randomness of resting-state brain oscillations encodes Gray's personality trait. <i>NeuroImage</i> , 2012, 59, 1842-1845.	2.1	49
60	Stress-related dysfunction of the right inferior frontal cortex in high ruminators: An fNIRS study. <i>NeuroImage: Clinical</i> , 2018, 18, 510-517.	1.4	49
61	Watching corresponding gestures facilitates learning with animations by activating human mirror-neurons: An fNIRS study. <i>Learning and Instruction</i> , 2015, 36, 27-37.	1.9	48
62	Near-infrared optical topography to assess activation of the parietal cortex during a visuo-spatial task. <i>Neuropsychologia</i> , 2005, 43, 1713-1720.	0.7	47
63	Neural correlates of performance monitoring in adult patients with attention deficit hyperactivity disorder (ADHD). <i>World Journal of Biological Psychiatry</i> , 2010, 11, 457-464.	1.3	47
64	Altered Parietal Brain Oxygenation in Alzheimer's Disease as Assessed With Near-Infrared Spectroscopy. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 433-441.	0.6	47
65	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.	2.1	47
66	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.	2.1	47
67	Cortical hemodynamic changes during the Trier Social Stress Test: An fNIRS study. <i>NeuroImage</i> , 2018, 171, 107-115.	2.1	45
68	The neural correlates of mental arithmetic in adolescents: a longitudinal fNIRS study. <i>Behavioral and Brain Functions</i> , 2018, 14, 5.	1.4	45
69	N1 and N2 ERPs reflect the regulation of automatic approach tendencies to positive stimuli. <i>Neuroscience Research</i> , 2013, 75, 239-249.	1.0	44
70	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.	2.1	41
71	Reduction but no shift in brain activation after arithmetic learning in children: A simultaneous fNIRS-EEG study. <i>Scientific Reports</i> , 2018, 8, 1707.	1.6	41
72	Non-invasive measurement of vagus activity in the brainstem " a methodological progress towards earlier diagnosis of dementias?. <i>Journal of Neural Transmission</i> , 2007, 114, 613-619.	1.4	40

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73	Predictors of neurofeedback training outcome: A systematic review. <i>NeuroImage: Clinical</i> , 2020, 27, 102301.	1.4	40
74	Influence of muscle activity on brain oxygenation during verbal fluency assessed with functional near-infrared spectroscopy. <i>Neuroscience</i> , 2010, 171, 434-442.	1.1	39
75	Event-Related Visual versus Blocked Motor Task: Detection of Specific Cortical Activation Patterns with Functional Near-Infrared Spectroscopy. <i>Neuropsychobiology</i> , 2006, 53, 77-82.	0.9	38
76	A functional promoter polymorphism of neuronal nitric oxide synthase moderates prefrontal functioning in schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 887-897.	1.0	38
77	Brain activation in frontotemporal and Alzheimer's dementia: a functional near-infrared spectroscopy study. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 56.	3.0	38
78	State-dependent altered connectivity in late-life depression: a functional near-infrared spectroscopy study. <i>Neurobiology of Aging</i> , 2016, 39, 57-68.	1.5	38
79	Panic disorder and a possible treatment approach by means of high-frequency rTMS: A case report. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 991-997.	1.3	37
80	Dopamine Transporter (SLC6A3) Genotype Impacts Neurophysiological Correlates of Cognitive Response Control in an Adult Sample of Patients with ADHD. <i>Neuropsychopharmacology</i> , 2010, 35, 2193-2202.	2.8	37
81	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.	0.3	35
82	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.	1.1	35
83	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.	0.7	35
84	Alleged Approach-Avoidance Conflict for Food Stimuli in Binge Eating Disorder. <i>PLoS ONE</i> , 2016, 11, e0152271.	1.1	35
85	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.	1.5	34
86	COMT – DRD4 Epistasis Impacts Prefrontal Cortex Function Underlying Response Control. <i>Cerebral Cortex</i> , 2013, 23, 1453-1462.	1.6	34
87	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.	1.0	34
88	D4 receptor gene variation modulates activation of prefrontal cortex during working memory. <i>European Journal of Neuroscience</i> , 2007, 26, 2713-2718.	1.2	33
89	Altered frontal brain oxygenation in detoxified alcohol dependent patients with unaffected verbal fluency performance. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 129-138.	0.9	33
90	The effect of ADHD symptoms on performance monitoring in a non-clinical population. <i>Psychiatry Research</i> , 2009, 169, 144-148.	1.7	32

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91	Forgiveness and cognitive control – Provoking revenge via theta-burst-stimulation of the DLPFC. <i>NeuroImage</i> , 2018, 183, 769-775.	2.1	32
92	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.	1.9	32
93	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.	1.1	31
94	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.	0.9	31
95	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.	0.4	31
96	Neural correlates of spontaneous panic attacks. <i>Journal of Neural Transmission</i> , 2011, 118, 263-269.	1.4	30
97	A novel approach to probabilistic biomarker-based classification using functional near-infrared spectroscopy. <i>Human Brain Mapping</i> , 2013, 34, 1102-1114.	1.9	30
98	Near-Infrared Spectroscopy based Neurofeedback of Prefrontal Cortex Activity: A Proof-of-Concept Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 633.	1.0	30
99	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.	1.0	30
100	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.	1.2	30
101	Neural correlates of performance monitoring in adult patients with attention deficit hyperactivity disorder (ADHD). <i>World Journal of Biological Psychiatry</i> , 2010, 11, 1-8.	1.3	30
102	Brain activation in elderly people with and without dementia: Influences of gender and medication. <i>World Journal of Biological Psychiatry</i> , 2007, 8, 23-29.	1.3	29
103	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.	1.4	29
104	Changes in cortical blood oxygenation during arithmetical tasks measured by near-infrared spectroscopy. <i>Journal of Neural Transmission</i> , 2009, 116, 267-273.	1.4	28
105	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. <i>Journal of Neural Transmission</i> , 2009, 116, 1689-1700.	1.4	28
106	Neuropeptide S receptor gene: Fear-specific modulations of prefrontal activation. <i>NeuroImage</i> , 2013, 66, 353-360.	2.1	28
107	Functional near Infrared Spectroscopy in Psychiatry: A Critical Review. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 93-105.	0.8	27
108	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.	1.0	27

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109	Reliability of the emotional Stroop task: An investigation of patients with panic disorder. <i>Journal of Psychiatric Research</i> , 2012, 46, 1243-1248.	1.5	26
110	The Modulation of Error Processing in the Medial Frontal Cortex by Transcranial Direct Current Stimulation. <i>Neuroscience Journal</i> , 2013, 2013, 1-10.	2.3	25
111	<i><sc>SLC</sc>2A3</i> single nucleotide polymorphism and duplication influence cognitive processing and population-specific risk for attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 798-809.	3.1	25
112	Meditation and the brain – Neuronal correlates of mindfulness as assessed with near-infrared spectroscopy. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 24-33.	0.9	24
113	Feasibility of NIRS-based neurofeedback training in social anxiety disorder: behavioral and neural correlates. <i>Journal of Neural Transmission</i> , 2019, 126, 1175-1185.	1.4	24
114	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.	1.4	24
115	Monitoring of Internal and External Error Signals. <i>Journal of Psychophysiology</i> , 2005, 19, 263-269.	0.3	23
116	DTNBP1 (dysbindin) gene variants modulate prefrontal brain function in schizophrenic patients – support for the glutamate hypothesis of schizophrenias. <i>Genes, Brain and Behavior</i> , 2010, 9, 489-497.	1.1	23
117	Math Anxiety in Combination With Low Visuospatial Memory Impairs Math Learning in Children. <i>Frontiers in Psychology</i> , 2019, 10, 89.	1.1	22
118	Prefrontal functional connectivity measured with near-infrared spectroscopy during smoking cue exposure. <i>Addiction Biology</i> , 2017, 22, 513-522.	1.4	21
119	Age and Vascular Burden Determinants of Cortical Hemodynamics Underlying Verbal Fluency. <i>PLoS ONE</i> , 2015, 10, e0138863.	1.1	21
120	EMG biofeedback training in adult attention-deficit/hyperactivity disorder: An active (control) training?. <i>Behavioural Brain Research</i> , 2017, 329, 58-66.	1.2	20
121	Optical Topography with Near-Infrared Spectroscopy During a Verbal-Fluency Task. <i>Journal of Psychophysiology</i> , 2005, 19, 100-105.	0.3	20
122	Evidence of fNIRS-Based Prefrontal Cortex Hypoactivity in Obesity and Binge-Eating Disorder. <i>Brain Sciences</i> , 2021, 11, 19.	1.1	20
123	Haemodynamic and electrophysiological markers of pragmatic language comprehension in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 398-410.	1.3	19
124	Disrupted prefrontal functional connectivity during post-stress adaption in high ruminators. <i>Scientific Reports</i> , 2018, 8, 15588.	1.6	18
125	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.	1.0	18
126	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



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127	Neurophysiological correlates of the attention training technique: A component study. <i>NeuroImage: Clinical</i> , 2018, 19, 1018-1024.	1.4	17
128	Vagus nerve somatosensory evoked potentials in Parkinson's disease. <i>Journal of Neurology</i> , 2011, 258, 2276-2277.	1.8	16
129	The impact of task relevance and degree of distraction on stimulus processing. <i>BMC Neuroscience</i> , 2013, 14, 107.	0.8	16
130	Excessive bodybuilding as pathology? A first neurophysiological classification. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 626-636.	1.3	16
131	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.	1.1	15
132	Beneficial effect of atypical antipsychotics on prefrontal brain function in acute psychotic disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2005, 255, 299-307.	1.8	14
133	Auricular vagus somatosensory evoked potentials in vascular dementia. <i>Journal of Neural Transmission</i> , 2009, 116, 473-477.	1.4	14
134	Dual Tasking for the Differentiation between Depression and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 235.	1.7	14
135	Identification of neurophysiological biotypes in attention deficit hyperactivity disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 836-848.	1.0	14
136	Oscillatory EEG Changes During Arithmetic Learning in Children. <i>Developmental Neuropsychology</i> , 2019, 44, 325-338.	1.0	14
137	Amplitude of low frequency fluctuations (ALFF) of spontaneous and induced rumination in major depression: An fNIRS study. <i>Scientific Reports</i> , 2020, 10, 21520.	1.6	14
138	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.	1.4	14
139	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.	0.9	13
140	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.	1.8	13
141	Improvement of Prefrontal Brain Function in Endogenous Psychoses Under Atypical Antipsychotic Treatment. <i>Neuropsychopharmacology</i> , 2007, 32, 1669-1677.	2.8	12
142	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.	0.7	12
143	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.	1.3	12
144	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.	1.1	12

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145	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.	1.1	12
146	Effects of cholinesterase inhibitor on brain activation in Alzheimer’s patients measured with functional near-infrared spectroscopy. <i>Psychopharmacology</i> , 2015, 232, 4383-4391.	1.5	11
147	The Positive Brain – Resting State Functional Connectivity in Highly Vital and Flourishing Individuals. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 540.	1.0	11
148	Neuronal correlates of spider phobia in a combined fNIRS-EEG study. <i>Scientific Reports</i> , 2020, 10, 12597.	1.6	11
149	A randomized-controlled neurofeedback trial in adult attention-deficit/hyperactivity disorder. <i>Scientific Reports</i> , 2021, 11, 16873.	1.6	11
150	NIRS in motion – Unraveling the neurocognitive underpinnings of embodied numerical cognition. <i>Frontiers in Psychology</i> , 2014, 5, 743.	1.1	10
151	Disinhibited Revenge – An fNIRS Study on Forgiveness and Cognitive Control. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 223.	1.0	10
152	Cortical oxygenation during exposure therapy – in situ fNIRS measurements in arachnophobia. <i>NeuroImage: Clinical</i> , 2020, 26, 102219.	1.4	10
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