

# Martin J Herrmann

## List of Publications by Year in descending order

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156  
papers

8,890  
citations

38742

50  
h-index

53230

85  
g-index

167  
all docs

167  
docs citations

167  
times ranked

8872  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	21.4	700
2	Source localization (LORETA) of the error-related-negativity (ERN/Ne) and positivity (Pe). <i>Cognitive Brain Research</i> , 2004, 20, 294-299.	3.0	353
3	Event-related functional near-infrared spectroscopy (fNIRS): Are the measurements reliable?. <i>NeuroImage</i> , 2006, 31, 116-124.	4.2	307
4	Neural correlates of epigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16033-16038.	7.1	294
5	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198
6	Early cortical processing of natural and artificial emotional faces differs between lower and higher socially anxious persons. <i>Journal of Neural Transmission</i> , 2009, 116, 735-746.	2.8	192
7	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
8	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.	2.8	175
9	Frontal activation during a verbal-fluency task as measured by near-infrared spectroscopy. <i>Brain Research Bulletin</i> , 2003, 61, 51-56.	3.0	173
10	Altered response control and anterior cingulate function in attention-deficit/hyperactivity disorder boys. <i>Clinical Neurophysiology</i> , 2004, 115, 973-981.	1.5	167
11	Repeated exposure of flight phobics to flights in virtual reality. <i>Behaviour Research and Therapy</i> , 2001, 39, 1033-1050.	3.1	158
12	Far field potentials from the brain stem after transcutaneous vagus nerve stimulation. <i>Journal of Neural Transmission</i> , 2003, 110, 1437-1443.	2.8	157
13	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
14	Cerebral oxygenation changes in the prefrontal cortex: Effects of age and gender. <i>Neurobiology of Aging</i> , 2006, 27, 888-894.	3.1	144
15	Regional brain activation changes and abnormal functional connectivity of the ventrolateral prefrontal cortex during working memory processing in adults with attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2009, 30, 2252-2266.	3.6	142
16	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	12.8	140
17	Multi-channel near-infrared spectroscopy detects specific inferior-frontal activation during incongruent Stroop trials. <i>Biological Psychology</i> , 2005, 69, 315-331.	2.2	122
18	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.	1.8	114

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19	Increased EEG power density in alpha and theta bands in adult ADHD patients. <i>Journal of Neural Transmission</i> , 2009, 116, 97-104.	2.8	113
20	Allelic Variation of Serotonin Transporter Function Modulates the Brain Electrical Response for Error Processing. <i>Neuropsychopharmacology</i> , 2004, 29, 1506-1511.	5.4	111
21	Electrophysiological measurements of anterior cingulate function. <i>Journal of Neural Transmission</i> , 2002, 109, 977-988.	2.8	107
22	Source Localization of Early Stages of Face Processing. <i>Brain Topography</i> , 2005, 18, 77-85.	1.8	107
23	Prefrontal activation through task requirements of emotional induction measured with NIRS. <i>Biological Psychology</i> , 2003, 64, 255-263.	2.2	105
24	Face-specific event-related potential in humans is independent from facial expression. <i>International Journal of Psychophysiology</i> , 2002, 45, 241-244.	1.0	104
25	Early-Stage Face Processing Dysfunction in Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2004, 161, 915-917.	7.2	99
26	Event-related functional near-infrared spectroscopy (fNIRS) based on craniocerebral correlations: Reproducibility of activation?. <i>Human Brain Mapping</i> , 2007, 28, 733-741.	3.6	99
27	The other-race effect for face perception: an event-related potential study. <i>Journal of Neural Transmission</i> , 2007, 114, 951-957.	2.8	98
28	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.	1.8	91
29	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
30	Additive Effects of Serotonin Transporter and Tryptophan Hydroxylase-2 Gene Variation on Emotional Processing. <i>Cerebral Cortex</i> , 2006, 17, 1160-1163.	2.9	89
31	DTNBP1 (Dysbindin) Gene Variants Modulate Prefrontal Brain Function in Healthy Individuals. <i>Neuropsychopharmacology</i> , 2006, 31, 2002-2010.	5.4	84
32	Optical topography during a Go/NoGo task assessed with multi-channel near-infrared spectroscopy. <i>Behavioural Brain Research</i> , 2005, 160, 135-140.	2.2	82
33	Grey matter alterations in obesity: A meta-analysis of whole-brain studies. <i>Obesity Reviews</i> , 2019, 20, 464-471.	6.5	80
34	Reduced response-inhibition in obsessive-compulsive disorder measured with topographic evoked potential mapping. <i>Psychiatry Research</i> , 2003, 120, 265-271.	3.3	74
35	Medial prefrontal cortex stimulation accelerates therapy response of exposure therapy in acrophobia. <i>Brain Stimulation</i> , 2017, 10, 291-297.	1.6	74
36	Event-Related Potentials and Cue-Reactivity in Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1724-1729.	2.4	73

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37	Phasic and sustained brain responses in the amygdala and the bed nucleus of the stria terminalis during threat anticipation. <i>Human Brain Mapping</i> , 2016, 37, 1091-1102.	3.6	72
38	Reduced Prefrontal Oxygenation in Alzheimer Disease During Verbal Fluency Tasks. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 125-135.	1.2	70
39	Phylo- and ontogenetic fears and the expectation of danger: Differences between spider- and flight-phobic subjects in cognitive and physiological responses to disorder-specific stimuli. <i>Journal of Abnormal Psychology</i> , 2006, 115, 580-589.	1.9	66
40	Differential prefrontal and frontotemporal oxygenation patterns during phonemic and semantic verbal fluency. <i>Neuropsychologia</i> , 2012, 50, 1565-1569.	1.6	66
41	ADHD related behaviors are associated with brain activation in the reward system. <i>Neuropsychologia</i> , 2011, 49, 426-434.	1.6	65
42	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
43	Effects of Transcranial Direct Current Stimulation on Consolidation of Fear Memory. <i>Frontiers in Psychiatry</i> , 2013, 4, 107.	2.6	60
44	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
45	Implicit emotion regulation in the presence of threat: Neural and autonomic correlates. <i>NeuroImage</i> , 2014, 85, 372-379.	4.2	60
46	Distinct phasic and sustained brain responses and connectivity of amygdala and bed nucleus of the stria terminalis during threat anticipation in panic disorder. <i>Psychological Medicine</i> , 2017, 47, 2675-2688.	4.5	56
47	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.	1.0	55
48	Prefrontal Brain Activation During Emotional Processing: A Functional Near Infrared Spectroscopy Study (fNIRS). <i>Open Neuroimaging Journal</i> , 2011, 5, 33-39.	0.2	55
49	Medial prefrontal cortex stimulation modulates the processing of conditioned fear. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 44.	2.0	55
50	Impact of Catechol-O-Methyltransferase on Prefrontal Brain Functioning in Schizophrenia Spectrum Disorders. <i>Neuropsychopharmacology</i> , 2007, 32, 162-170.	5.4	54
51	Activity alterations in the bed nucleus of the stria terminalis and amygdala during threat anticipation in generalized anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1766-1774.	3.0	54
52	Brain electrical dysfunction of the anterior cingulate in schizophrenic patients. <i>Psychiatry Research - Neuroimaging</i> , 2003, 124, 37-48.	1.8	53
53	Inhibitory transcranial magnetic theta burst stimulation attenuates prefrontal cortex oxygenation. <i>Human Brain Mapping</i> , 2013, 34, 150-157.	3.6	53
54	Test-retest reliability of electrophysiological parameters related to cognitive motor control. <i>Clinical Neurophysiology</i> , 2001, 112, 198-204.	1.5	52

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55	ADORA2A Gene Variation, Caffeine, and Emotional Processing: A Multi-level Interaction on Startle Reflex. <i>Neuropsychopharmacology</i> , 2012, 37, 759-769.	5.4	52
56	Cortical oxygen consumption in mental arithmetic as a function of task difficulty: a near-infrared spectroscopy approach. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 217.	2.0	51
57	Neural correlates of a standardized version of the trail making test in young and elderly adults: A functional near-infrared spectroscopy study. <i>Neuropsychologia</i> , 2014, 56, 271-279.	1.6	51
58	Dissociation between amygdala and bed nucleus of the stria terminalis during threat anticipation in female post-traumatic stress disorder patients. <i>Human Brain Mapping</i> , 2017, 38, 2190-2205.	3.6	51
59	Augmentation of Fear Extinction by Transcranial Direct Current Stimulation (tDCS). <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 76.	2.0	48
60	Near-infrared optical topography to assess activation of the parietal cortex during a visuo-spatial task. <i>Neuropsychologia</i> , 2005, 43, 1713-1720.	1.6	47
61	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.	2.6	47
62	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.	1.2	47
63	Inter-individual differences in trait anxiety shape the functional connectivity between the bed nucleus of the stria terminalis and the amygdala during brief threat processing. <i>NeuroImage</i> , 2018, 166, 110-116.	4.2	47
64	Can Intermittent Theta Burst Stimulation as Add-On to Psychotherapy Improve Nicotine Abstinence? Results from a Pilot Study. <i>European Addiction Research</i> , 2014, 20, 248-253.	2.4	46
65	Differential activation of frontal and parietal regions during visual word recognition: An optical topography study. <i>NeuroImage</i> , 2008, 40, 1340-1349.	4.2	45
66	Transcranial direct current stimulation of the prefrontal cortex reduces cue-reactivity in alcohol-dependent patients. <i>Journal of Neural Transmission</i> , 2016, 123, 1173-1178.	2.8	45
67	Electrophysiological assessment of impulsive behavior in healthy subjects. <i>Neuropsychologia</i> , 2001, 39, 328-333.	1.6	38
68	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.	1.9	38
69	Exploring the Neural Basis of Real-Life Joint Action: Measuring Brain Activation during Joint Table Setting with Functional Near-Infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 95.	2.0	38
70	Decreased hemodynamic response in inferior frontotemporal regions in elderly with mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2018, 274, 11-18.	1.8	38
71	Effects of ADORA2A gene variation and caffeine on prepulse inhibition: A multi-level risk model of anxiety. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 115-121.	4.8	37
72	Activation of the Prefrontal Cortex in Working Memory and Interference Resolution Processes Assessed with Near-Infrared Spectroscopy. <i>Neuropsychobiology</i> , 2008, 57, 188-193.	1.9	36

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73	Plasticity of Functional MAOA Gene Methylation in Acrophobia. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 822-827.	2.1	36
74	The Effect of Emotional Content on Brain Activation and the Late Positive Potential in a Word n-back Task. <i>PLoS ONE</i> , 2013, 8, e75598.	2.5	34
75	Stability of late event-related potentials: topographical descriptors of motor control compared with the P300 amplitude. <i>Brain Topography</i> , 2000, 12, 255-261.	1.8	33
76	D4 receptor gene variation modulates activation of prefrontal cortex during working memory. <i>European Journal of Neuroscience</i> , 2007, 26, 2713-2718.	2.6	33
77	A gene-environment investigation on personality traits in two independent clinical sets of adult patients with personality disorder and attention deficit/hyperactive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 317-326.	3.2	33
78	Phasic amygdala and BNST activation during the anticipation of temporally unpredictable social observation in social anxiety disorder patients. <i>NeuroImage: Clinical</i> , 2019, 22, 101735.	2.7	33
79	The effect of ADHD symptoms on performance monitoring in a non-clinical population. <i>Psychiatry Research</i> , 2009, 169, 144-148.	3.3	32
80	Catechol-O-methyltransferase Val158Met genotype affects neural correlates of aversive stimuli processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 168-172.	2.0	31
81	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
82	The human execution/observation matching system investigated with a complex everyday task: A functional near-infrared spectroscopy (fNIRS) study. <i>Neuroscience Letters</i> , 2012, 508, 73-77.	2.1	31
83	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.	2.6	30
84	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.	2.6	29
85	Neurobiological and psychophysiological correlates of emotional dysregulation in ADHD patients. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2010, 2, 233-239.	1.7	29
86	Bilaterally Reduced Frontal Activation During a Verbal Fluency Task in Depressed Patients as Measured by Near-Infrared Spectroscopy. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2004, 16, 170-175.	1.8	29
87	Facial affect decoding in schizophrenic disorders: A study using event-related potentials. <i>Psychiatry Research</i> , 2006, 141, 247-252.	3.3	28
88	Neuropeptide S receptor gene: Fear-specific modulations of prefrontal activation. <i>NeuroImage</i> , 2013, 66, 353-360.	4.2	28
89	Emotional deficits in adult ADHD patients: an ERP study. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 340-345.	3.0	26
90	Functional Near-Infrared Spectroscopy to Probe State- and Trait-Like Conditions in Chronic Tinnitus: A Proof-of-Principle Study. <i>Neural Plasticity</i> , 2014, 2014, 1-8.	2.2	26

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91	Preventing the Return of Fear Using Reconsolidation Update Mechanisms Depends on the Met-Allele of the Brain Derived Neurotrophic Factor Val66Met Polymorphism. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv137.	2.1	26
92	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
93	Occipital and orbitofrontal hemodynamics during naturally paced reading: An fNIRS study. <i>NeuroImage</i> , 2014, 94, 193-202.	4.2	24
94	Monitoring of Internal and External Error Signals. <i>Journal of Psychophysiology</i> , 2005, 19, 263-269.	0.7	23
95	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.	2.2	23
96	Modification of caffeine effects on the affect-modulated startle by neuropeptide S receptor gene variation. <i>Psychopharmacology</i> , 2012, 222, 533-541.	3.1	22
97	Voluntary suppression of thoughts is influenced by anxious and ruminative tendencies in healthy volunteers. <i>Memory</i> , 2014, 22, 184-193.	1.7	22
98	Reduced spontaneous low frequency oscillations as measured with functional near-infrared spectroscopy in mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2019, 13, 283-292.	2.1	22
99	Affect-Modulated Startle: Interactive Influence of Catechol-O-Methyltransferase Val158Met Genotype and Childhood Trauma. <i>PLoS ONE</i> , 2012, 7, e39709.	2.5	21
100	Transcranial Direct Current Stimulation (tDCS) of the Right Inferior Frontal Gyrus Attenuates Skin Conductance Responses to Unpredictable Threat Conditions. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 352.	2.0	21
101	Neuronavigated left temporal continuous theta burst stimulation in chronic tinnitus. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 165-175.	0.7	21
102	Serotonin transporter gene polymorphism and personality traits in primary alcohol dependence. <i>World Journal of Biological Psychiatry</i> , 2004, 5, 45-48.	2.6	20
103	Relevance of Dorsolateral and Frontotemporal Cortex on the Phonemic Verbal Fluency – A fNIRS-Study. <i>Neuroscience</i> , 2017, 367, 169-177.	2.3	20
104	Theranostic markers for personalized therapy of spider phobia: Methods of a bicentric external cross-validation machine learning approach. <i>International Journal of Methods in Psychiatric Research</i> , 2020, 29, e1812.	2.1	20
105	Optical Topography with Near-Infrared Spectroscopy During a Verbal-Fluency Task. <i>Journal of Psychophysiology</i> , 2005, 19, 100-105.	0.7	20
106	NOS1 ex1f-VNTR polymorphism influences prefrontal brain oxygenation during a working memory task. <i>NeuroImage</i> , 2011, 57, 1617-1623.	4.2	19
107	Dopamine Transporter (DAT1) and Dopamine Receptor D4 (DRD4) Genotypes Differentially Impact on Electrophysiological Correlates of Error Processing. <i>PLoS ONE</i> , 2011, 6, e28396.	2.5	19
108	Effect of CBT on Biased Semantic Network in Panic Disorder: A Multicenter fMRI Study Using Semantic Priming. <i>American Journal of Psychiatry</i> , 2020, 177, 254-264.	7.2	19

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109	Transcranial direct current stimulation of the prefrontal cortex increases attention to visual target stimuli. <i>Journal of Neural Transmission</i> , 2016, 123, 1195-1203.	2.8	18
110	Brain activation for alertness measured with functional near infrared spectroscopy (fNIRS). <i>Psychophysiology</i> , 2008, 45, 480-486.	2.4	17
111	Medial Prefrontal Cortex Activity during the Extinction of Conditioned Fear: An Investigation Using Functional Near-Infrared Spectroscopy. <i>Neuropsychobiology</i> , 2012, 65, 173-182.	1.9	17
112	The impact of task relevance and degree of distraction on stimulus processing. <i>BMC Neuroscience</i> , 2013, 14, 107.	1.9	16
113	Neural correlates of individual differences in anxiety sensitivity: an fMRI study using semantic priming. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1245-1254.	3.0	16
114	Resting posterior minus frontal EEG slow oscillations is associated with extraversion and DRD2 genotype. <i>Biological Psychology</i> , 2011, 87, 407-413.	2.2	15
115	Initial and sustained brain responses to threat anticipation in blood-injection-injury phobia. <i>NeuroImage: Clinical</i> , 2017, 13, 320-329.	2.7	15
116	Near-infrared spectroscopy (NIRS) and vagus somatosensory evoked potentials (VSEP) in the early diagnosis of Alzheimer's disease: rationale, design, methods, and first baseline data of the Vogel study. <i>Journal of Neural Transmission</i> , 2017, 124, 1473-1488.	2.8	15
117	The mere physical presence of another person reduces human autonomic responses to aversive sounds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192241.	2.6	15
118	Clinical predictors of treatment response towards exposure therapy in virtual spider phobia: A machine learning and external cross-validation approach. <i>Journal of Anxiety Disorders</i> , 2021, 83, 102448.	3.2	15
119	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.	3.2	14
120	Reduced Activity in the Right Inferior Frontal Gyrus in Elderly APOE-E4 Carriers during a Verbal Fluency Task. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 46.	2.0	14
121	The Impact of Prefrontal Cortex for Selective Attention in a Visual Working Memory Task. <i>International Journal of Neuroscience</i> , 2008, 118, 1673-1688.	1.6	13
122	Stability of Source Localization with LORETA of Visual Target Processing. <i>Journal of Psychophysiology</i> , 2004, 18, 1-12.	0.7	13
123	Cognitive response control in writer's cramp. <i>European Journal of Neurology</i> , 2001, 8, 587-594.	3.3	12
124	Electrophysiological indication for a link between serotonergic neurotransmission and personality in alcoholism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 157-161.	4.8	12
125	Improvement of Prefrontal Brain Function in Endogenous Psychoses Under Atypical Antipsychotic Treatment. <i>Neuropsychopharmacology</i> , 2007, 32, 1669-1677.	5.4	12
126	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



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127	Neuropeptide S receptor gene variation and neural correlates of cognitive emotion regulation. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1730-1737.	3.0	12
128	Modulation of sustained fear by transcranial direct current stimulation (tDCS) of the right inferior frontal cortex (rIFC). <i>Biological Psychology</i> , 2018, 139, 173-177.	2.2	11
129	<i>NOS1</i> ex1fâ€VNTR polymorphism affects prefrontal oxygenation during response inhibition tasks. <i>Human Brain Mapping</i> , 2012, 33, 2561-2571.	3.6	10
130	Multilevel impact of the dopamine system on the emotion-potentiated startle reflex. <i>Psychopharmacology</i> , 2015, 232, 1983-1993.	3.1	10
131	Does adult ADHD interact with COMT val 158 met genotype to influence working memory performance?. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2015, 7, 19-25.	1.7	10
132	BNST and amygdala activation to threat: Effects of temporal predictability and threat mode. <i>Behavioural Brain Research</i> , 2021, 396, 112883.	2.2	10
133	Evidence for unaltered brain electrical topography during prefrontal response control in cycloid psychoses. <i>International Journal of Psychophysiology</i> , 2005, 55, 165-178.	1.0	9
134	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
135	Reduced prefrontal response control in patients with schizoprenias: a subgroup analysis. <i>Journal of Neural Transmission</i> , 2005, 112, 969-977.	2.8	8
136	Increase or Decrease of fMRI Activity in Adult Attention Deficit/ Hyperactivity Disorder: Does It Depend on Task Difficulty?. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw049.	2.1	8
137	Association of NPSR1 gene variation and neural activity in patients with panic disorder and agoraphobia and healthy controls. <i>NeuroImage: Clinical</i> , 2019, 24, 102029.	2.7	8
138	The modulating impact of cigarette smoking on brain structure in panic disorder: a voxel-based morphometry study. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 849-859.	3.0	7
139	Electrophysiological evidence of a typical cognitive distortion in bipolar disorder. <i>Cortex</i> , 2015, 66, 103-114.	2.4	6
140	Effects of an Anxiety-Specific Psychometric Factor on Fear Conditioning and Fear Generalization. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2017, 225, 200-213.	1.0	6
141	Neural correlates of fear conditioning are associated with treatment-outcomes to behavioral exposure in spider phobia â€“ Evidence from magnetoencephalography. <i>NeuroImage: Clinical</i> , 2022, 35, 103046.	2.7	6
142	Serotonin transporter polymorphism modulates neural correlates of real-life joint action. An investigation with functional near-infrared spectroscopy (fNIRS). <i>Neuroscience</i> , 2015, 292, 129-136.	2.3	5
143	Behavioral and Magnetoencephalographic Correlates of Fear Generalization Are Associated With Responses to Later Virtual Reality Exposure Therapy in Spider Phobia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 221-230.	1.5	5
144	Micronucleus frequency in buccal mucosa cells of patients with neurodegenerative diseases. <i>Scientific Reports</i> , 2020, 10, 22196.	3.3	5

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145	Reduced parietal activation in participants with mild cognitive impairments during visual-spatial processing measured with functional near-infrared spectroscopy. <i>Journal of Psychiatric Research</i> , 2022, 146, 31-42.	3.1	5
146	Simultaneous recording of EEG and fNIRS during visuo-spatial and facial expression processing in a dual task paradigm. <i>International Journal of Psychophysiology</i> , 2016, 109, 21-28.	1.0	4
147	Neuronal correlates of the visual-spatial processing measured with functional near-infrared spectroscopy in healthy elderly individuals. <i>Neuropsychologia</i> , 2020, 148, 107650.	1.6	4
148	Centromedial amygdala is more relevant for phobic confrontation relative to the bed nucleus of stria terminalis in patients with spider phobia. <i>Journal of Psychiatric Research</i> , 2021, 143, 268-275.	3.1	4
149	The Relationship Between Valence, Task Difficulty, and the <i>COMT Val<sup>158</sup> Met</i> Polymorphism in Disengagement Processes. <i>Journal of Psychophysiology</i> , 2012, 26, 124-131.	0.7	4
150	Brain activation in the visual and the motor cortex assessed with event-related functional near infrared spectroscopy (fNIRS): are the results reproducible?. , 2006, , ME28.		2
151	â€œT torpedoâ€ for the brain: perspectives in neurostimulation. <i>Journal of Neural Transmission</i> , 2016, 123, 1119-1120.	2.8	2
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