

Christoph Mulert

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

6,678
citations

66250

44
h-index

81351

76
g-index

125
all docs

125
docs citations

125
times ranked

8650
citing authors

#	ARTICLE	IF	CITATIONS
1	Shared and distinct white matter abnormalities in adolescent-onset schizophrenia and adolescent-onset psychotic bipolar disorder. <i>Psychological Medicine</i> , 2023, 53, 4707-4719.	2.7	4
2	Glycine attenuates impairments of stimulus-evoked gamma oscillations in the ketamine model of schizophrenia. <i>NeuroImage</i> , 2022, 251, 119004.	2.1	5
3	Transcranial alternating current stimulation (tACS): from basic mechanisms towards first applications in psychiatry. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 135-156.	1.8	101
4	Differing Time Courses of Reward-Related Attentional Processing: An EEG Source-Space Analysis. <i>Brain Topography</i> , 2021, 34, 283-296.	0.8	3
5	Neurochemistry of Visual Attention. <i>Frontiers in Neuroscience</i> , 2021, 15, 643597.	1.4	16
6	Ketamine Alters Functional Gamma and Theta Resting-State Connectivity in Healthy Humans: Implications for Schizophrenia Treatment Targeting the Glutamate System. <i>Frontiers in Psychiatry</i> , 2021, 12, 671007.	1.3	11
7	Sex-Related Differences in White Matter Asymmetry and Its Implications for Verbal Working Memory in Psychosis High-Risk State. <i>Frontiers in Psychiatry</i> , 2021, 12, 686967.	1.3	7
8	Simultaneous EEG-fMRI reveals theta network alterations during reward feedback processing in borderline personality disorder. <i>Scientific Reports</i> , 2021, 11, 17336.	1.6	1
9	Gamma-band synchronisation in a frontotemporal auditory information processing network. <i>NeuroImage</i> , 2021, 239, 118307.	2.1	13
10	Resolving and Rescuing Developmental Miswiring in a Mouse Model of Cognitive Impairment. <i>Neuron</i> , 2020, 105, 60-74.e7.	3.8	53
11	Different Patterns of Mental Health Problems in Unaccompanied Refugee Minors (URM): A Sequential Mixed Method Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 324.	1.3	16
12	Cellular and extracellular white matter alterations indicate conversion to psychosis among individuals at clinical high-risk for psychosis. <i>World Journal of Biological Psychiatry</i> , 2020, 22, 1-14.	1.3	13
13	Alterations of oscillatory neuronal activity during reward processing in schizophrenia. <i>Journal of Psychiatric Research</i> , 2020, 129, 80-87.	1.5	10
14	Effects of inflammation on the kynurenine pathway in schizophrenia – A systematic review. <i>Journal of Neuroinflammation</i> , 2020, 17, 56.	3.1	68
15	Polymorphisms in CRYBB2 encoding β 2-crystallin are associated with antisaccade performance and memory function. <i>Translational Psychiatry</i> , 2020, 10, 113.	2.4	3
16	T14. FUNCTIONAL AND STRUCTURAL CONNECTIVITY IN SUBJECTS AT HIGH RISK FOR PSYCHOSIS AS A POSSIBLE BIOMARKER FOR THEIR TRANSITION TO SCHIZOPHRENIA – A COMBINED EEG AND DTI STUDY. <i>Schizophrenia Bulletin</i> , 2019, 45, S208-S209.	2.3	0
17	T95. FREE WATER IMAGING REVEALS DIFFERENTIAL PATTERNS OF WHITE MATTER ALTERATIONS IN INDIVIDUALS WITH ADOLESCENT-ONSET SCHIZOPHRENIA AND BIPOLAR DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S240-S241.	2.3	0
18	Altered Oscillatory Responses to Feedback in Borderline Personality Disorder are Linked to Symptom Severity. <i>Brain Topography</i> , 2019, 32, 482-491.	0.8	1

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19	Intrinsic 40Hz-phase asymmetries predict tACS effects during conscious auditory perception. PLoS ONE, 2019, 14, e0213996.	1.1	17
20	Reduced auditory evoked gamma-band response and schizophrenia-like clinical symptoms under subanesthetic ketamine. Neuropsychopharmacology, 2019, 44, 1239-1246.	2.8	31
21	The interhemispheric miscommunication theory of auditory verbal hallucinations in schizophrenia. International Journal of Psychophysiology, 2019, 145, 83-90.	0.5	27
22	The Time Course of Dorsal and Rostral-Ventral Anterior Cingulate Cortex Activity in the Emotional Stroop Experiment Reveals Valence and Arousal Aberrant Modulation in Patients with Schizophrenia. Brain Topography, 2019, 32, 161-177.	0.8	7
23	The role of effective connectivity between the task-positive and task-negative network for evidence gathering [Evidence gathering and connectivity]. NeuroImage, 2018, 173, 49-56.	2.1	8
24	Localizing bicoherence from EEG and MEG. NeuroImage, 2018, 174, 352-363.	2.1	27
25	Alterations in interhemispheric gamma-band connectivity are related to the emergence of auditory verbal hallucinations in healthy subjects during NMDA-receptor blockade. Neuropsychopharmacology, 2018, 43, 1608-1615.	2.8	23
26	Attentional capture by physically salient stimuli in the gamma frequency is associated with schizophrenia symptoms. World Journal of Biological Psychiatry, 2018, 19, S52-S62.	1.3	6
27	A genome-wide association study of early gamma-band response in a schizophrenia case-control sample. World Journal of Biological Psychiatry, 2018, 19, 602-609.	1.3	3
28	The Callosal Relay Model of Interhemispheric Communication: New Evidence from Effective Connectivity Analysis. Brain Topography, 2018, 31, 218-226.	0.8	15
29	The role of functional and structural interhemispheric auditory connectivity for language lateralization - A combined EEG and DTI study. Scientific Reports, 2018, 8, 15428.	1.6	16
30	Glutamatergic Deficits in Schizophrenia – Biomarkers and Pharmacological Interventions within the Ketamine Model. Current Pharmaceutical Biotechnology, 2018, 19, 293-307.	0.9	39
31	fMRI correlates of jumping-to-conclusions in patients with delusions: Connectivity patterns and effects of metacognitive training. NeuroImage: Clinical, 2018, 20, 119-127.	1.4	10
32	Auditory verbal hallucinations related to altered long-range synchrony of gamma-band oscillations. Scientific Reports, 2017, 7, 8401.	1.6	22
33	The Time Course of Activity within the Dorsal and Rostral-Ventral Anterior Cingulate Cortex in the Emotional Stroop Task. Brain Topography, 2017, 30, 30-45.	0.8	17
34	Interaction of language, auditory and memory brain networks in auditory verbal hallucinations. Progress in Neurobiology, 2017, 148, 1-20.	2.8	169
35	Glutamatergic deficit and schizophrenia-like negative symptoms: new evidence from ketamine-induced mismatch negativity alterations in healthy male humans. Journal of Psychiatry and Neuroscience, 2017, 42, 273-283.	1.4	33
36	EEG-Informed fMRI Reveals a Disturbed Gamma-Band-Specific Network in Subjects at High Risk for Psychosis. Schizophrenia Bulletin, 2016, 42, sbv092.	2.3	53

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37	From Shortage to Surge: A Developmental Switch in Hippocampalâ€“Prefrontal Coupling in a Geneâ€“Environment Model of Neuropsychiatric Disorders. <i>Cerebral Cortex</i> , 2016, 26, 4265-4281.	1.6	49
38	Aims and structure of the German Research Consortium BipoLife for the study of bipolar disorder. <i>International Journal of Bipolar Disorders</i> , 2016, 4, 26.	0.8	29
39	Generators and Connectivity of the Early Auditory Evoked Gamma Band Response. <i>Brain Topography</i> , 2015, 28, 865-878.	0.8	22
40	Increased Resting-State Gamma-Band Connectivity in First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 930-939.	2.3	108
41	Resting-state theta-band connectivity and verbal memory in schizophrenia and in the high-risk state. <i>Schizophrenia Research</i> , 2015, 161, 299-307.	1.1	63
42	Increased Gamma Oscillations Evoked by Physically Salient Distracters are Associated with Schizotypy. <i>Brain Topography</i> , 2015, 28, 153-161.	0.8	12
43	Reduced auditory evoked gamma band response and cognitive processing deficits in first episode schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 387-397.	1.3	35
44	Neural Mechanisms of Placebo Anxiolysis. <i>Journal of Neuroscience</i> , 2015, 35, 7365-7373.	1.7	38
45	Oscillatory responses to reward processing in borderline personality disorder. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 575-586.	1.3	22
46	Auditory verbal hallucinations and the interhemispheric auditory pathway in chronic schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 31-44.	1.3	42
47	Deficits during Voluntary Selection in Adult Patients with ADHD: New Insights from Single-Trial Coupling of Simultaneous EEG/fMRI. <i>Frontiers in Psychiatry</i> , 2014, 5, 41.	1.3	12
48	Interhemispheric auditory connectivity: structure and function related to auditory verbal hallucinations. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 55.	1.0	49
49	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2014, 40, 895-903.	2.3	97
50	Conscious auditory perception related to long-range synchrony of gamma oscillations. <i>NeuroImage</i> , 2014, 100, 435-443.	2.1	56
51	Resting-state connectivity in the prodromal phase of schizophrenia: Insights from EEG microstates. <i>Schizophrenia Research</i> , 2014, 152, 513-520.	1.1	119
52	Benzodiazepines Counteract Rostral Anterior Cingulate Cortex Activation Induced by Cholecystokinin-Tetrapeptide in Humans. <i>Biological Psychiatry</i> , 2013, 73, 337-344.	0.7	18
53	Evaluation of Sham Transcranial Direct Current Stimulation for Randomized, Placebo-Controlled Clinical Trials. <i>Brain Stimulation</i> , 2013, 6, 690-695.	0.7	161
54	P300 in obsessiveâ€“compulsive disorder: Source localization and the effects of treatment. <i>Journal of Psychiatric Research</i> , 2013, 47, 1975-1983.	1.5	27

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55	A clinical and neurobiological case of IgM NMDA receptor antibody associated encephalitis mimicking bipolar disorder. <i>Psychiatry Research</i> , 2013, 208, 194-196.	1.7	30
56	CNTNAP2 polymorphisms and structural brain connectivity: A diffusion-tensor imaging study. <i>Journal of Psychiatric Research</i> , 2013, 47, 1349-1356.	1.5	37
57	Emotion regulation by cognitive reappraisal – The role of frontal theta oscillations. <i>NeuroImage</i> , 2013, 81, 412-421.	2.1	98
58	Relationship between Oscillatory Neuronal Activity during Reward Processing and Trait Impulsivity and Sensation Seeking. <i>PLoS ONE</i> , 2013, 8, e83414.	1.1	41
59	Effects of Low Frequency Prefrontal Repetitive Transcranial Magnetic Stimulation on the N2 Amplitude in a GoNogo Task. <i>PLoS ONE</i> , 2013, 8, e67136.	1.1	8
60	Simultaneous EEG and fMRI: towards the characterization of structure and dynamics of brain networks. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 381-386.	1.8	35
61	Hearing voices: A role of interhemispheric auditory connectivity?. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 153-158.	1.3	75
62	Functional Magnetic Resonance Imaging and Treatment Strategies in Schizophrenia. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 1622-1629.	0.9	6
63	Loudness dependence of auditory evoked potentials in patients with borderline personality disorder – Impact of psychopathology. <i>Psychiatry Research</i> , 2012, 199, 181-187.	1.7	9
64	Functional relevance of interhemispheric fiber tracts in speech processing. <i>Journal of Neurolinguistics</i> , 2012, 25, 1-12.	0.5	17
65	Single-trial EEG – fMRI coupling of the emotional auditory early posterior negativity. <i>NeuroImage</i> , 2012, 62, 1807-1814.	2.1	22
66	Drug safety and efficacy evaluation of sertindole for schizophrenia. <i>Expert Opinion on Drug Safety</i> , 2012, 11, 1047-1062.	1.0	13
67	Prefrontal Transcranial Direct Current Stimulation Changes Connectivity of Resting-State Networks during fMRI. <i>Journal of Neuroscience</i> , 2011, 31, 15284-15293.	1.7	501
68	Glyoxalase-I mRNA expression and CCK-4 induced panic attacks. <i>Journal of Psychiatric Research</i> , 2011, 45, 60-63.	1.5	11
69	Alterations of the early auditory evoked gamma-band response in first-degree relatives of patients with schizophrenia: Hints to a new intermediate phenotype. <i>Journal of Psychiatric Research</i> , 2011, 45, 699-705.	1.5	57
70	Dopaminergic mechanisms of target detection – P300 event related potential and striatal dopamine. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 212-218.	0.9	52
71	Attention to emotion: auditory-evoked potentials in an emotional choice reaction task and personality traits as assessed by the NEO FFI. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 111-120.	1.8	17
72	Low Serotonergic Function and Its Normalization by Treatment With Sertraline in Obsessive-Compulsive Disorder-An Auditory Evoked Potential Study. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 341-343.	0.7	6

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73	Neural correlates (ERP/fMRI) of voluntary selection in adult ADHD patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 427-440.	1.8	47
74	Serotonergic functioning as measured by the loudness dependence of auditory evoked potentials is related to a haplotype in the brain-derived neurotrophic factor (BDNF) gene. <i>Journal of Psychiatric Research</i> , 2010, 44, 541-546.	1.5	23
75	Anterior cingulum volumetry, auditory P300 in schizophrenia with negative symptoms. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 133-139.	0.9	14
76	Reduced Early Auditory Evoked Gamma-Band Response in Patients with Schizophrenia. <i>Biological Psychiatry</i> , 2010, 67, 224-231.	0.7	110
77	Separating distinct aspects of the voluntary selection between response alternatives: N2- and P3-related BOLD responses. <i>NeuroImage</i> , 2010, 51, 356-364.	2.1	51
78	Transcranial direct current stimulation in a patient with therapy-resistant major depression. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 632-635.	1.3	30
79	Impact of loudness dependency of auditory evoked potentials on the panic response to CCK-4. <i>Journal of Psychiatric Research</i> , 2009, 43, 393-400.	1.5	5
80	Inefficient neural activity in patients with schizophrenia and nonpsychotic relatives of schizophrenic patients: Evidence from a working memory task. <i>Journal of Psychiatric Research</i> , 2009, 43, 1185-1194.	1.5	43
81	Functional neuroanatomy of CCK-induced panic attacks in healthy volunteers. <i>Human Brain Mapping</i> , 2009, 30, 511-522.	1.9	69
82	Regional networks underlying interhemispheric connectivity: An EEG and DTI study in healthy ageing and amnesic mild cognitive impairment. <i>Human Brain Mapping</i> , 2009, 30, 2098-2119.	1.9	85
83	The free choice whether or not to respond after stimulus presentation. <i>Human Brain Mapping</i> , 2009, 30, 2971-2985.	1.9	28
84	Theta Burst Stimulation of the Prefrontal Cortex: Safety and Impact on Cognition, Mood, and Resting Electroencephalogram. <i>Biological Psychiatry</i> , 2009, 65, 778-784.	0.7	133
85	A controlled single case study with repeated fMRI measurements during the treatment of a patient with obsessive-compulsive disorder: Testing the nonlinear dynamics approach to psychotherapy. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 658-668.	1.3	69
86	EEG-vigilance and BOLD effect during simultaneous EEG/fMRI measurement. <i>NeuroImage</i> , 2009, 45, 319-332.	2.1	307
87	Combined distributed source and single-trial EEG-fMRI modeling: Application to effortful decision making processes. <i>NeuroImage</i> , 2009, 47, 112-121.	2.1	58
88	EEG-vigilance differences between patients with borderline personality disorder, patients with obsessive-compulsive disorder and healthy controls. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 137-143.	1.8	57
89	Association of catechol-O-methyltransferase variants with loudness dependence of auditory evoked potentials. <i>Human Psychopharmacology</i> , 2008, 23, 115-120.	0.7	18
90	Electrophysiological evidence for cortical abnormalities in obsessive-compulsive disorder - A replication study using auditory event-related P300 subcomponents. <i>Journal of Psychiatric Research</i> , 2008, 42, 297-303.	1.5	32

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91	Loudness dependence of the auditory evoked N1/P2 component as an indicator of serotonergic dysfunction in patients with schizophrenia – A replication study. <i>Psychiatry Research</i> , 2008, 158, 79-82.	1.7	38
92	Influence of trait anxiety on inhibitory control in alcohol-dependent patients: Simultaneous acquisition of ERPs and BOLD responses. <i>Journal of Psychiatric Research</i> , 2008, 42, 734-745.	1.5	55
93	Single-trial coupling of EEG and fMRI reveals the involvement of early anterior cingulate cortex activation in effortful decision making. <i>NeuroImage</i> , 2008, 42, 158-168.	2.1	133
94	Simultaneous EEG-fMRI: Perspectives in Psychiatry. <i>Clinical EEG and Neuroscience</i> , 2008, 39, 61-64.	0.9	24
95	Association of functional polymorphisms in NOS1 and NOS3 with loudness dependence of auditory evoked potentials. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 477-83.	1.0	20
96	Influence of Anxiety on Electrophysiological Correlates of Response Inhibition Capacities in Alcoholism. <i>Clinical EEG and Neuroscience</i> , 2007, 38, 89-95.	0.9	14
97	Prediction of Clinical Response to Antidepressants in Patients with Depression: Neurophysiology in Clinical Practice. <i>Clinical EEG and Neuroscience</i> , 2007, 38, 74-77.	0.9	18
98	Rostral Anterior Cingulate Cortex Activity in the Theta Band Predicts Response to Antidepressive Medication. <i>Clinical EEG and Neuroscience</i> , 2007, 38, 78-81.	0.9	84
99	Loudness dependence of auditory evoked potentials is not associated with polymorphisms or haplotypes in the serotonin transporter gene in a community-based sample of German healthy volunteers. <i>Psychiatry Research</i> , 2007, 153, 183-187.	1.7	7
100	Event-Related Potentials in Psychiatry. <i>Clinical EEG and Neuroscience</i> , 2007, 38, 25-34.	0.9	31
101	Prediction of treatment response in major depression: Integration of concepts. <i>Journal of Affective Disorders</i> , 2007, 98, 215-225.	2.0	142
102	Acute prefrontal rTMS increases striatal dopamine to a similar degree as d-amphetamine. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 251-255.	0.9	103
103	Auditory cortex and anterior cingulate cortex sources of the early evoked gamma-band response: Relationship to task difficulty and mental effort. <i>Neuropsychologia</i> , 2007, 45, 2294-2306.	0.7	88
104	[I-123] ADAM and SPECT in patients with borderline personality disorder and healthy control subjects. <i>Journal of Psychiatry and Neuroscience</i> , 2007, 32, 234-40.	1.4	41
105	Symptom-specific EEG power correlations in patients with obsessive-compulsive disorder. <i>International Journal of Psychophysiology</i> , 2006, 62, 87-92.	0.5	53
106	Striatal dopamine release after prefrontal repetitive transcranial magnetic stimulation in major depression: Preliminary results of a dynamic [123I] IBZM SPECT study. <i>Journal of Psychiatric Research</i> , 2006, 40, 307-314.	1.5	161
107	Is the loudness dependence of auditory evoked potentials modulated by the selective serotonin reuptake inhibitor citalopram in healthy subjects?. <i>Human Psychopharmacology</i> , 2006, 21, 463-471.	0.7	41
108	A Ser9Gly Polymorphism in the Dopamine D3 Receptor Gene (DRD3) and Event-Related P300 Potentials. <i>Neuropsychopharmacology</i> , 2006, 31, 1335-1344.	2.8	58

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109	Event Related Potentials and fMRI in Neuropsychopharmacology. <i>Clinical EEG and Neuroscience</i> , 2006, 37, 99-107.	0.9	12
110	Electroencephalographic Abnormalities Associated With Antidepressant Treatment. <i>Journal of Clinical Psychiatry</i> , 2006, 67, 325-326.	1.1	11
111	Electrophysiological and neuropsychological analysis of a delirious state: the role of the anterior cingulate gyrus. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 171-181.	0.9	40
112	SERT and DAT availabilities under citalopram treatment in obsessive-compulsive disorder (OCD). <i>European Neuropsychopharmacology</i> , 2005, 15, 521-524.	0.3	38
113	Sound level dependence of the primary auditory cortex: Simultaneous measurement with 61-channel EEG and fMRI. <i>NeuroImage</i> , 2005, 28, 49-58.	2.1	162
114	Evidence for a close relationship between conscious effort and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , 2005, 56, 65-80.	0.5	128
115	Serotonin and Dopamine Transporter Availabilities Correlate with the Loudness Dependence of Auditory Evoked Potentials in Patients with Obsessive-Compulsive Disorder. <i>Neuropsychopharmacology</i> , 2004, 29, 1910-1917.	2.8	53
116	Integration of fMRI and simultaneous EEG: towards a comprehensive understanding of localization and time-course of brain activity in target detection. <i>NeuroImage</i> , 2004, 22, 83-94.	2.1	555
117	EEG abnormalities associated with antipsychotics: a comparison of quetiapine, olanzapine, haloperidol and healthy subjects. <i>Human Psychopharmacology</i> , 2003, 18, 641-646.	0.7	72
118	The relationship between reaction time, error rate and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , 2003, 47, 175-183.	0.5	56
119	Frontal and Temporal Dysfunction of Auditory Stimulus Processing in Schizophrenia. <i>NeuroImage</i> , 2002, 17, 110-127.	2.1	129
120	Cortical hypoactivation during resting EEG in schizophrenics but not in depressives and schizotypal subjects as revealed by low resolution electromagnetic tomography (LORETA). <i>Psychiatry Research - Neuroimaging</i> , 2002, 116, 95-111.	0.9	111
121	Reduced Event-Related Current Density in the Anterior Cingulate Cortex in Schizophrenia. <i>NeuroImage</i> , 2001, 13, 589-600.	2.1	151
122	Association analysis of GABA A γ 2 and γ 32 gene polymorphisms with event-related prefrontal activity in man. <i>Human Genetics</i> , 2000, 107, 513-518.	1.8	20