

Peter J Uhlhaas

List of Publications by Year in descending order

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117
papers

13,696
citations

53939

47
h-index

33145

104
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124
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124
docs citations

124
times ranked

14874
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterising cognitive heterogeneity in individuals at clinical high-risk for psychosis: a cluster analysis with clinical and functional outcome prediction. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 437-448.	1.8	9
2	Oscillatory Neural Signatures of Visual Perception Across Developmental Stages in Individuals With 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2022, 92, 407-418.	0.7	6
3	Aberrant Developmental Patterns of Gamma-Band Response and Long-Range Communication Disruption in Youths With 22q11.2 Deletion Syndrome. <i>American Journal of Psychiatry</i> , 2022, 179, 204-215.	4.0	14
4	MR-Spectroscopy of GABA and Glutamate/Glutamine Concentrations in Auditory Cortex in Clinical High-Risk for Psychosis Individuals. <i>Frontiers in Psychiatry</i> , 2022, 13, 859322.	1.3	0
5	Computerised cognitive training during early-stage psychosis improves cognitive deficits and gamma-band oscillations: A pilot study. <i>Schizophrenia Research</i> , 2022, 243, 217-219.	1.1	0
6	Hippocampal structural alterations in early-stage psychosis: Specificity and relationship to clinical outcomes. <i>NeuroImage: Clinical</i> , 2022, 35, 103087.	1.4	3
7	Long range temporal correlations (LRTCs) in MEG-data during emerging psychosis: Relationship to symptoms, medication-status and clinical trajectory. <i>NeuroImage: Clinical</i> , 2021, 31, 102722.	1.4	7
8	Editorial: Current MEG Research in Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 647085.	1.3	0
9	The Role of Temporal Contingency and Integrity of Visual Inputs in the Sense of Agency: A Psychophysical Study. <i>Frontiers in Psychology</i> , 2021, 12, 635202.	1.1	0
10	Do NMDA-R antagonists re-create patterns of spontaneous gamma-band activity in schizophrenia? A systematic review and perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 308-323.	2.9	25
11	The relationship between cognitive deficits and impaired short-term functional outcome in clinical high-risk for psychosis participants: A machine learning and modelling approach. <i>Schizophrenia Research</i> , 2021, 231, 24-31.	1.1	8
12	Toward a Paradigm for Youth Mental Health. <i>JAMA Psychiatry</i> , 2021, 78, 473.	6.0	14
13	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	6.0	74
14	Duration of basic and attenuated-psychotic symptoms in individuals at clinical high risk for psychosis: pattern of symptom onset and effects of duration on functioning and cognition. <i>BMC Psychiatry</i> , 2021, 21, 339.	1.1	3
15	Current findings and perspectives on aberrant neural oscillations in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 358-368.	1.0	46
16	40-Hz Auditory Steady-State Responses Characterize Circuit Dysfunctions and Predict Clinical Outcomes in Clinical High-Risk for Psychosis Participants: A Magnetoencephalography Study. <i>Biological Psychiatry</i> , 2021, 90, 419-429.	0.7	37
17	Perceptual Gains and Losses in Synesthesia and Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 722-730.	2.3	6
18	Prevalence and predictors of suicidality and non-suicidal self-harm among individuals at clinical high-risk for psychosis: Results from a community-recruited sample. <i>Microbial Biotechnology</i> , 2021, 15, 1256-1265.	0.9	9

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19	Dissociation and Brain Rhythms: Pitfalls and Promises. <i>Frontiers in Psychiatry</i> , 2021, 12, 790372.	1.3	0
20	Neuropsychological deficits in participants at clinical high risk for psychosis recruited from the community: relationships to functioning and clinical symptoms. <i>Psychological Medicine</i> , 2020, 50, 77-85.	2.7	17
21	Grey-matter abnormalities in clinical high-risk participants for psychosis. <i>Schizophrenia Research</i> , 2020, 226, 120-128.	1.1	12
22	Investigating cortico-subcortical circuits during auditory sensory attenuation: A combined magnetoencephalographic and dynamic causal modeling study. <i>Human Brain Mapping</i> , 2020, 41, 4419-4430.	1.9	4
23	Altered Autonomic Function in Individuals at Clinical High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 580503.	1.3	4
24	S64. COGNITIVE IMPAIRMENTS AND PREDICTION OF FUNCTIONAL OUTCOME IN INDIVIDUALS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2020, 46, S57-S58.	2.3	0
25	A MEG Study of Visual Repetition Priming in Schizophrenia: Evidence for Impaired High-Frequency Oscillations and Event-Related Fields in Thalamo-Occipital Cortices. <i>Frontiers in Psychiatry</i> , 2020, 11, 561973.	1.3	5
26	The Many Facets of Mismatch Negativity. <i>Biological Psychiatry</i> , 2020, 87, 695-696.	0.7	1
27	Association of Magnetoencephalographically Measured High-Frequency Oscillations in Visual Cortex With Circuit Dysfunctions in Local and Large-scale Networks During Emerging Psychosis. <i>JAMA Psychiatry</i> , 2020, 77, 852.	6.0	33
28	Targeting cognition in schizophrenia through transcranial direct current stimulation: A systematic review and perspective. <i>Schizophrenia Research</i> , 2020, 220, 300-310.	1.1	36
29	Magnetoencephalographical Research in Schizophrenia: Current Status and Perspectives. , 2020, , 211-225.		0
30	Using Online Screening in the General Population to Detect Participants at Clinical High-Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2019, 45, 600-609.	2.3	56
31	Digital tools for youth mental health. <i>Npj Digital Medicine</i> , 2019, 2, 104.	5.7	24
32	Improving the Detection of Individuals at Clinical Risk for Psychosis in the Community, Primary and Secondary Care: An Integrated Evidence-Based Approach. <i>Frontiers in Psychiatry</i> , 2019, 10, 774.	1.3	57
33	The Audio-Visual Abnormalities Questionnaire (AVAQ): Development and validation of a new instrument for assessing anomalies in sensory perception in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2019, 209, 227-233.	1.1	8
34	Towards a neurodynamical understanding of the prodrome in schizophrenia. <i>NeuroImage</i> , 2019, 190, 144-153.	2.1	23
35	E-Clinical High Risk for Psychosis: Viewpoint on Potential of Digital Innovations for Preventive Psychiatry. <i>JMIR Mental Health</i> , 2019, 6, e14581.	1.7	16
36	S42. KETAMINE DYSREGULATES TASK-RELATED NEURAL OSCILLATIONS IN THALAMO-CORTICAL CIRCUITS: IMPLICATIONS FOR PATHOPHYSIOLOGICAL THEORIES OF VISUAL-PERCEPTUAL DEFICITS IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S340-S340.	2.3	0

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37	3.4 NEURAL OSCILLATIONS AND EXCITATION/INHIBITION BALANCE IN SCHIZOPHRENIA: A DEVELOPMENTAL PERSPECTIVE. <i>Schizophrenia Bulletin</i> , 2018, 44, S2-S3.	2.3	0
38	S214. USING ONLINE-SCREENING TO DETECT PARTICIPANTS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S409-S409.	2.3	3
39	Low-Frequency Oscillatory Correlates of Auditory Predictive Processing in Cortical-Subcortical Networks: A MEG-Study. <i>Scientific Reports</i> , 2018, 8, 14007.	1.6	30
40	The Predictive Coding Account of Psychosis. <i>Biological Psychiatry</i> , 2018, 84, 634-643.	0.7	507
41	Magnetoencephalography and Translational Neuroscience in Psychiatry. <i>JAMA Psychiatry</i> , 2018, 75, 969.	6.0	8
42	Acute ketamine dysregulates task-related gamma-band oscillations in thalamo-cortical circuits in schizophrenia. <i>Brain</i> , 2018, 141, 2511-2526.	3.7	51
43	Resting-state gamma-band power alterations in schizophrenia reveal E/I-balance abnormalities across illness-stages. <i>ELife</i> , 2018, 7, .	2.8	92
44	The Youth Mental Health Risk and Resilience Study (YouR-Study). <i>BMC Psychiatry</i> , 2017, 17, 43.	1.1	27
45	Magnetoencephalography as a Tool in Psychiatric Research: Current Status and Perspective. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 235-244.	1.1	29
46	Test-retest reliability of the magnetic mismatch negativity response to sound duration and omission deviants. <i>NeuroImage</i> , 2017, 157, 184-195.	2.1	41
47	Impairment in predictive processes during auditory mismatch negativity in ScZ: Evidence from event-related fields. <i>Human Brain Mapping</i> , 2017, 38, 5082-5093.	1.9	21
48	Thalamo-cortical communication, glutamatergic neurotransmission and neural oscillations: A unique window into the origins of ScZ?. <i>Schizophrenia Research</i> , 2017, 180, 4-12.	1.1	39
49	Whole-Brain Source-Reconstructed MEG-Data Reveal Reduced Long-Range Synchronization in Chronic Schizophrenia. <i>ENeuro</i> , 2017, 4, ENEURO.0338-17.2017.	0.9	32
50	Revisiting the Basic Symptom Concept: Toward Translating Risk Symptoms for Psychosis into Neurobiological Targets. <i>Frontiers in Psychiatry</i> , 2016, 7, 9.	1.3	62
51	Abnormal Connectional Fingerprint in Schizophrenia: A Novel Network Analysis of Diffusion Tensor Imaging Data. <i>Frontiers in Psychiatry</i> , 2016, 7, 114.	1.3	5
52	MEG sensor and source measures of visually induced gamma-band oscillations are highly reliable. <i>NeuroImage</i> , 2016, 137, 34-44.	2.1	39
53	The 40-Hz Auditory Steady-State Response in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 1145.	6.0	228
54	Electrophysiological insights into connectivity anomalies in schizophrenia: a systematic review. <i>Neuropsychiatric Electrophysiology</i> , 2016, 2, .	4.1	46

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55	Thalamo-Cortical Interactions and Synchronous Oscillations in MEG Data. , 2016, , 69-86.		0
56	MEG-measured visually induced gamma-band oscillations in chronic schizophrenia: Evidence for impaired generation of rhythmic activity in ventral stream regions. Schizophrenia Research, 2016, 176, 177-185.	1.1	42
57	Altering the course of schizophrenia: progress and perspectives. Nature Reviews Drug Discovery, 2016, 15, 485-515.	21.5	410
58	Neural dynamics in mental disorders. World Psychiatry, 2015, 14, 116-118.	4.8	10
59	Neural oscillations as a translational tool in schizophrenia research: Rationale, paradigms and challenges. Journal of Psychopharmacology, 2015, 29, 155-168.	2.0	23
60	MEG-measured auditory steady-state oscillations show high test-retest reliability: A sensor and source-space analysis. NeuroImage, 2015, 122, 417-426.	2.1	62
61	Ketamine Dysregulates the Amplitude and Connectivity of High-Frequency Oscillations in Cortical-Subcortical Networks in Humans: Evidence From Resting-State Magnetoencephalography-Recordings. Schizophrenia Bulletin, 2015, 41, 1105-1114.	2.3	126
62	Oscillations and Neuronal Dynamics in Schizophrenia: The Search for Basic Symptoms and Translational Opportunities. Biological Psychiatry, 2015, 77, 1001-1009.	0.7	198
63	Preferential Detachment During Human Brain Development: Age- and Sex-Specific Structural Connectivity in Diffusion Tensor Imaging (DTI) Data. Cerebral Cortex, 2015, 25, 1477-1489.	1.6	110
64	Adolescent Brain Maturation and Cortical Folding: Evidence for Reductions in Gyrification. PLoS ONE, 2014, 9, e84914.	1.1	97
65	Reduced predictable information in brain signals in autism spectrum disorder. Frontiers in Neuroinformatics, 2014, 8, 9.	1.3	45
66	Source-Reconstruction of Event-Related Fields Reveals Hyperfunction and Hypofunction of Cortical Circuits in Antipsychotic-Naive, First-Episode Schizophrenia Patients during Mooney Face Processing. Journal of Neuroscience, 2014, 34, 5909-5917.	1.7	58
67	Working memory and neural oscillations: alpha-gamma versus theta-gamma codes for distinct WM information?. Trends in Cognitive Sciences, 2014, 18, 16-25.	4.0	685
68	Deep Brain Stimulation in Schizophrenia. Activitas Nervosa Superior, 2014, 56, 69-82.	0.4	1
69	Dysconnectivity, large-scale networks and neuronal dynamics in schizophrenia. Current Opinion in Neurobiology, 2013, 23, 283-290.	2.0	149
70	Evidence for dysregulated high-frequency oscillations during sensory processing in medication-naïve, first episode schizophrenia. Schizophrenia Research, 2013, 150, 519-525.	1.1	86
71	Thalamocortical Synchronization and Cognition: Implications for Schizophrenia?. Neuron, 2013, 77, 997-999.	3.8	23
72	The Phase of Thalamic Alpha Activity Modulates Cortical Gamma-Band Activity: Evidence from Resting-State MEG Recordings. Journal of Neuroscience, 2013, 33, 17827-17835.	1.7	154

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73	High-frequency neural oscillations and visual processing deficits in schizophrenia. <i>Frontiers in Psychology</i> , 2013, 4, 621.	1.1	43
74	Deficits in high- (>60 Hz) gamma-band oscillations during visual processing in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 88.	1.0	124
75	Brain Development During Adolescence. <i>Deutsches A&#x0308;rzteblatt International</i> , 2013, 110, 425-31.	0.6	184
76	High-frequency oscillations and the neurobiology of schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 301-313.	1.8	151
77	In Reply. <i>Deutsches A&#x0308;rzteblatt International</i> , 2013, 110, 733.	0.6	0
78	Impaired Gamma-Band Activity during Perceptual Organization in Adults with Autism Spectrum Disorders: Evidence for Dysfunctional Network Activity in Frontal-Posterior Cortices. <i>Journal of Neuroscience</i> , 2012, 32, 9563-9573.	1.7	139
79	Gamma-Band Activity in Human Prefrontal Cortex Codes for the Number of Relevant Items Maintained in Working Memory. <i>Journal of Neuroscience</i> , 2012, 32, 12411-12420.	1.7	279
80	Neuronal Dynamics and Neuropsychiatric Disorders: Toward a Translational Paradigm for Dysfunctional Large-Scale Networks. <i>Neuron</i> , 2012, 75, 963-980.	3.8	446
81	Interhemispheric hypoconnectivity in schizophrenia: Fiber integrity and volume differences of the corpus callosum in patients and unaffected relatives. <i>NeuroImage</i> , 2012, 59, 926-934.	2.1	102
82	A Roadmap for the Development and Validation of Event-Related Potential Biomarkers in Schizophrenia Research. <i>Biological Psychiatry</i> , 2011, 70, 28-34.	0.7	163
83	Integrating Temporal and Spatial Scales: Human Structural Network Motifs Across Age and Region of Interest Size. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 10.	1.3	22
84	A new look at gamma? High- (>60ÂHz) $\hat{\gamma}^3$ -band activity in cortical networks: Function, mechanisms and impairment. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 105, 14-28.	1.4	173
85	The Adolescent Brain: Implications for the Understanding, Pathophysiology, and Treatment of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 480-483.	2.3	32
86	High-Frequency Oscillations in Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2011, 42, 77-82.	0.9	24
87	The Development of Neural Synchrony and Large-Scale Cortical Networks During Adolescence: Relevance for the Pathophysiology of Schizophrenia and Neurodevelopmental Hypothesis. <i>Schizophrenia Bulletin</i> , 2011, 37, 514-523.	2.3	152
88	Brain Evolution and Cognition: Psychosis as Evolutionary Cost for Complexity and Cognitive Abilities in Humans. , 2011, , 1-17.		1
89	Time delays in the $\hat{\gamma}^2/\hat{\gamma}^3$ cycle operate on the level of individual neurons. <i>NeuroReport</i> , 2010, 21, 746-750.	0.6	3
90	Abnormal neural oscillations and synchrony in schizophrenia. <i>Nature Reviews Neuroscience</i> , 2010, 11, 100-113.	4.9	1,706

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91	Reduced Laterality as a Trait Marker of Schizophrenia—Evidence from Structural and Functional Neuroimaging. <i>Journal of Neuroscience</i> , 2010, 30, 2289-2299.	1.7	119
92	Neuroelectromagnetic Correlates of Perceptual Closure Processes. <i>Journal of Neuroscience</i> , 2010, 30, 8342-8352.	1.7	74
93	Resting-state functional network correlates of psychotic symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2010, 117, 21-30.	1.1	313
94	Neural synchrony and the development of cortical networks. <i>Trends in Cognitive Sciences</i> , 2010, 14, 72-80.	4.0	423
95	Neural synchrony in cortical networks: history, concept and current status. <i>Frontiers in Integrative Neuroscience</i> , 2009, 3, 17.	1.0	571
96	The development of neural synchrony reflects late maturation and restructuring of functional networks in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9866-9871.	3.3	299
97	NEURAL SYNCHRONY DURING PERCEPTUAL ORGANISATION IN SCHIZOPHRENIA: EEG AND MEG-STUDIES. <i>Schizophrenia Research</i> , 2008, 102, 6.	1.1	0
98	Visual Perceptual Organization Deficits in Alzheimer's Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 25, 465-475.	0.7	29
99	The Role of Oscillations and Synchrony in Cortical Networks and Their Putative Relevance for the Pathophysiology of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2008, 34, 927-943.	2.3	545
100	Synchronous Oscillatory Activity and Working Memory in Schizophrenia. <i>Pharmacopsychiatry</i> , 2007, 40, S54-S61.	1.7	16
101	Perceptual organization in ketamine users: preliminary evidence of deficits on night of drug use but not 3 days later. <i>Journal of Psychopharmacology</i> , 2007, 21, 347-352.	2.0	32
102	What Do Disturbances in Neural Synchrony Tell Us About Autism?. <i>Biological Psychiatry</i> , 2007, 62, 190-191.	0.7	78
103	Perceptual Anomalies in Schizophrenia: Integrating Phenomenology and Cognitive Neuroscience. <i>Schizophrenia Bulletin</i> , 2006, 33, 142-156.	2.3	243
104	Perceptual organization in first episode schizophrenia and ultra-high-risk states. <i>Schizophrenia Research</i> , 2006, 83, 41-52.	1.1	49
105	Perceptual grouping in disorganized schizophrenia. <i>Psychiatry Research</i> , 2006, 145, 105-117.	1.7	130
106	Neural Synchrony in Brain Disorders: Relevance for Cognitive Dysfunctions and Pathophysiology. <i>Neuron</i> , 2006, 52, 155-168.	3.8	1,807
107	Reduced top-down influences in contour detection in schizophrenia. <i>Cognitive Neuropsychiatry</i> , 2006, 11, 112-132.	0.7	62
108	Theory of mind and perceptual context—processing in schizophrenia. <i>Cognitive Neuropsychiatry</i> , 2006, 11, 416-436.	0.7	94

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109	Dysfunctional Long-Range Coordination of Neural Activity during Gestalt Perception in Schizophrenia. <i>Journal of Neuroscience</i> , 2006, 26, 8168-8175.	1.7	412
110	Effectiveness of a two-phase cognitive rehabilitation intervention for severely impaired schizophrenia patients. <i>Psychological Medicine</i> , 2005, 35, 829-837.	2.7	85
111	Perceptual Organization in Schizophrenia Spectrum Disorders: Empirical Research and Theoretical Implications.. <i>Psychological Bulletin</i> , 2005, 131, 618-632.	5.5	233
112	Context Processing and Social Cognition in Schizophrenia. <i>Current Psychiatry Reviews</i> , 2005, 1, 11-22.	0.9	33
113	The course and clinical correlates of dysfunctions in visual perceptual organization in schizophrenia during the remission of psychotic symptoms. <i>Schizophrenia Research</i> , 2005, 75, 183-192.	1.1	81
114	Gestalt Psychology: The Forgotten Paradigm in Abnormal Psychology. <i>American Journal of Psychology</i> , 2004, 117, 259.	0.5	22
115	Evidence for impaired visual context processing in schizotypy with thought disorder. <i>Schizophrenia Research</i> , 2004, 68, 249-260.	1.1	71
116	Gestalt psychology: the forgotten paradigm in abnormal psychology. <i>American Journal of Psychology</i> , 2004, 117, 259-77.	0.5	3
117	Phenomenology, context, and self-experience in schizophrenia. <i>Behavioral and Brain Sciences</i> , 2003, 26, 104-105.	0.4	2