

# Peter J Uhlhaas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

10,668  
citations

45  
h-index

103  
g-index

124  
ext. papers

12,764  
ext. citations

5.9  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
112	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> , <b>2022</b> , 179, 204-215	11.9	0
111	MR-Spectroscopy of GABA and Glutamate/Glutamine Concentrations in Auditory Cortex in Clinical High-Risk for Psychosis Individuals.. <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13, 859322	5	
110	Computerised cognitive training during early-stage psychosis improves cognitive deficits and gamma-band oscillations: A pilot study.. <i>Schizophrenia Research</i> , <b>2022</b> , 243, 217-219	3.6	
109	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> , <b>2021</b> , 15, 1256-1265	3.3	2
108	Perceptual Gains and Losses in Synesthesia and Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 722-730	1.3	1
107	The Role of Temporal Contingency and Integrity of Visual Inputs in the Sense of Agency: A Psychophysical Study. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 635202	3.4	
106	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> , <b>2021</b> , 124, 308-323	9	11
105	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> , <b>2021</b> , 231, 24-31	3.6	3
104	Toward a Paradigm for Youth Mental Health. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 473-474	14.5	3
103	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis: An ENIGMA Working Group Mega-analysis. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 753-766	14.5	17
102	Long range temporal correlations (LRTCs) in MEG-data during emerging psychosis: Relationship to symptoms, medication-status and clinical trajectory. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102722	5.3	1
101	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> , <b>2021</b> , 21, 339	4.2	1
100	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> , <b>2021</b> , 1	5.1	2
99	Current findings and perspectives on aberrant neural oscillations in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , <b>2021</b> , 75, 358-368	6.2	6
98	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> , <b>2021</b> , 90, 419-429	7.9	11
97	Dissociation and Brain Rhythms: Pitfalls and Promises.. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 790372	5	
96	The Many Facets of Mismatch Negativity. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 695-696	7.9	

95	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> , <b>2020</b> , 77, 852-862	14.5	15
94	Targeting cognition in schizophrenia through transcranial direct current stimulation: A systematic review and perspective. <i>Schizophrenia Research</i> , <b>2020</b> , 220, 300-310	3.6	17
93	Magnetoencephalographical Research in Schizophrenia: Current Status and Perspectives <b>2020</b> , 211-225		
92	Grey-matter abnormalities in clinical high-risk participants for psychosis. <i>Schizophrenia Research</i> , <b>2020</b> , 226, 120-128	3.6	1
91	Investigating cortico-subcortical circuits during auditory sensory attenuation: A combined magnetoencephalographic and dynamic causal modeling study. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 4419-4430	5.8	1
90	Altered Autonomic Function in Individuals at Clinical High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 580503	5	1
89	S64. COGNITIVE IMPAIRMENTS AND PREDICTION OF FUNCTIONAL OUTCOME IN INDIVIDUALS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S57-S58	1.3	78
88	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> , <b>2020</b> , 11, 561973	5.73	1
87	Neuropsychological deficits in participants at clinical high risk for psychosis recruited from the community: relationships to functioning and clinical symptoms. <i>Psychological Medicine</i> , <b>2020</b> , 50, 77-85	6.9	8
86	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> , <b>2019</b> , 209, 227-233	3.6	6
85	Using Online Screening in the General Population to Detect Participants at Clinical High-Risk for Psychosis. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 600-609	1.3	32
84	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> , <b>2019</b> , 10, 774	5	36
83	E-Clinical High Risk for Psychosis: Viewpoint on Potential of Digital Innovations for Preventive Psychiatry. <i>JMIR Mental Health</i> , <b>2019</b> , 6, e14581	6	9
82	Towards a neurodynamical understanding of the prodrome in schizophrenia. <i>NeuroImage</i> , <b>2019</b> , 190, 144-153	7.9	15
81	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> , <b>2018</b> , 44, S340-S340	1.3	78
80	3.4 NEURAL OSCILLATIONS AND EXCITATION/INHIBITION BALANCE IN SCHIZOPHRENIA: A DEVELOPMENTAL PERSPECTIVE. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, S2-S3	1.3	78
79	Acute ketamine dysregulates task-related gamma-band oscillations in thalamo-cortical circuits in schizophrenia. <i>Brain</i> , <b>2018</b> , 141, 2511-2526	11.2	27
78	Resting-state gamma-band power alterations in schizophrenia reveal E/I-balance abnormalities across illness-stages. <i>ELife</i> , <b>2018</b> , 7,	8.9	50

77	Author response: Resting-state gamma-band power alterations in schizophrenia reveal E/I-balance abnormalities across illness-stages <b>2018</b> ,		2
76	S214. USING ONLINE-SCREENING TO DETECT PARTICIPANTS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, S409-S409	1.3	3
75	Low-Frequency Oscillatory Correlates of Auditory Predictive Processing in Cortical-Subcortical Networks: A MEG-Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 14007	4.9	18
74	The Predictive Coding Account of Psychosis. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 634-643	7.9	253
73	Magnetoencephalography and Translational Neuroscience in Psychiatry. <i>JAMA Psychiatry</i> , <b>2018</b> , 75, 969-975	4.1	2
72	The Youth Mental Health Risk and Resilience Study (YouR-Study). <i>BMC Psychiatry</i> , <b>2017</b> , 17, 43	4.2	16
71	Magnetoencephalography as a Tool in Psychiatric Research: Current Status and Perspective. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 235-244	3.4	20
70	Test-retest reliability of the magnetic mismatch negativity response to sound duration and omission deviants. <i>NeuroImage</i> , <b>2017</b> , 157, 184-195	7.9	22
69	Impairment in predictive processes during auditory mismatch negativity in ScZ: Evidence from event-related fields. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 5082-5093	5.9	14
68	Thalamo-cortical communication, glutamatergic neurotransmission and neural oscillations: A unique window into the origins of ScZ?. <i>Schizophrenia Research</i> , <b>2017</b> , 180, 4-12	3.6	22
67	Whole-Brain Source-Reconstructed MEG-Data Reveal Reduced Long-Range Synchronization in Chronic Schizophrenia. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	22
66	Electrophysiological insights into connectivity anomalies in schizophrenia: a systematic review. <i>Neuropsychiatric Electrophysiology</i> , <b>2016</b> , 2,		28
65	Thalamo-Cortical Interactions and Synchronous Oscillations in MEG Data <b>2016</b> , 69-86		
64	MEG-measured visually induced gamma-band oscillations in chronic schizophrenia: Evidence for impaired generation of rhythmic activity in ventral stream regions. <i>Schizophrenia Research</i> , <b>2016</b> , 176, 177-185	3.6	34
63	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , <b>2016</b> , 15, 485-515	64.1	284
62	Revisiting the Basic Symptom Concept: Toward Translating Risk Symptoms for Psychosis into Neurobiological Targets. <i>Frontiers in Psychiatry</i> , <b>2016</b> , 7, 9	5	40
61	Abnormal Connectional Fingerprint in Schizophrenia: A Novel Network Analysis of Diffusion Tensor Imaging Data. <i>Frontiers in Psychiatry</i> , <b>2016</b> , 7, 114	5	3
60	MEG sensor and source measures of visually induced gamma-band oscillations are highly reliable. <i>NeuroImage</i> , <b>2016</b> , 137, 34-44	7.9	31

59	The 40-Hz Auditory Steady-State Response in Patients With Schizophrenia: A Meta-analysis. <i>JAMA Psychiatry</i> , <b>2016</b> , 73, 1145-1153	14.5	130
58	Neural oscillations as a translational tool in schizophrenia research: rationale, paradigms and challenges. <i>Journal of Psychopharmacology</i> , <b>2015</b> , 29, 155-68	4.6	19
57	MEG-measured auditory steady-state oscillations show high test-retest reliability: A sensor and source-space analysis. <i>NeuroImage</i> , <b>2015</b> , 122, 417-26	7.9	37
56	Ketamine Dysregulates the Amplitude and Connectivity of High-Frequency Oscillations in Cortical-Subcortical Networks in Humans: Evidence From Resting-State Magnetoencephalography-Recordings. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 1105-14	1.3	93
55	Oscillations and neuronal dynamics in schizophrenia: the search for basic symptoms and translational opportunities. <i>Biological Psychiatry</i> , <b>2015</b> , 77, 1001-9	7.9	152
54	Preferential detachment during human brain development: age- and sex-specific structural connectivity in diffusion tensor imaging (DTI) data. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 1477-89	5.1	82
53	Working memory and neural oscillations: Hversus Hodes for distinct WM information?. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 16-25	14	490
52	Deep Brain Stimulation in Schizophrenia. <i>Activitas Nervosa Superior</i> , <b>2014</b> , 56, 69-82	0.4	1
51	Adolescent brain maturation and cortical folding: evidence for reductions in gyrification. <i>PLoS ONE</i> , <b>2014</b> , 9, e84914	3.7	76
50	Reduced predictable information in brain signals in autism spectrum disorder. <i>Frontiers in Neuroinformatics</i> , <b>2014</b> , 8, 9	3.9	35
49	Source-reconstruction of event-related fields reveals hyperfunction and hypofunction of cortical circuits in antipsychotic-naive, first-episode schizophrenia patients during Mooney face processing. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 5909-17	6.6	40
48	Dysconnectivity, large-scale networks and neuronal dynamics in schizophrenia. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 283-90	7.6	123
47	Evidence for dysregulated high-frequency oscillations during sensory processing in medication-naïve, first episode schizophrenia. <i>Schizophrenia Research</i> , <b>2013</b> , 150, 519-25	3.6	69
46	Thalamocortical synchronization and cognition: implications for schizophrenia?. <i>Neuron</i> , <b>2013</b> , 77, 997-9	13.9	20
45	The phase of thalamic alpha activity modulates cortical gamma-band activity: evidence from resting-state MEG recordings. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 17827-35	6.6	119
44	High-frequency neural oscillations and visual processing deficits in schizophrenia. <i>Frontiers in Psychology</i> , <b>2013</b> , 4, 621	3.4	37
43	Deficits in high- (>60 Hz) gamma-band oscillations during visual processing in schizophrenia. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 88	3.3	80
42	Brain development during adolescence: neuroscientific insights into this developmental period. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2013</b> , 110, 425-31	2.5	118

41	High-frequency oscillations and the neurobiology of schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , <b>2013</b> , 15, 301-13	5.7	123
40	In reply. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2013</b> , 110, 733	2.5	
39	Neuronal dynamics and neuropsychiatric disorders: toward a translational paradigm for dysfunctional large-scale networks. <i>Neuron</i> , <b>2012</b> , 75, 963-80	13.9	358
38	Interhemispheric hypoconnectivity in schizophrenia: fiber integrity and volume differences of the corpus callosum in patients and unaffected relatives. <i>NeuroImage</i> , <b>2012</b> , 59, 926-34	7.9	88
37	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> , <b>2012</b> , 32, 9563-73	6.6	118
36	Gamma-band activity in human prefrontal cortex codes for the number of relevant items maintained in working memory. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 12411-20	6.6	211
35	A roadmap for the development and validation of event-related potential biomarkers in schizophrenia research. <i>Biological Psychiatry</i> , <b>2011</b> , 70, 28-34	7.9	137
34	Integrating temporal and spatial scales: human structural network motifs across age and region of interest size. <i>Frontiers in Neuroinformatics</i> , <b>2011</b> , 5, 10	3.9	19
33	A new look at gamma? High- (>60 Hz) Eband activity in cortical networks: function, mechanisms and impairment. <i>Progress in Biophysics and Molecular Biology</i> , <b>2011</b> , 105, 14-28	4.7	143
32	The adolescent brain: implications for the understanding, pathophysiology, and treatment of schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2011</b> , 37, 480-3	1.3	24
31	High-frequency oscillations in schizophrenia. <i>Clinical EEG and Neuroscience</i> , <b>2011</b> , 42, 77-82	2.3	22
30	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> , <b>2011</b> , 37, 514-23	1.3	128
29	Brain Evolution and Cognition: Psychosis as Evolutionary Cost for Complexity and Cognitive Abilities in Humans <b>2011</b> , 1-17		
28	Abnormal neural oscillations and synchrony in schizophrenia. <i>Nature Reviews Neuroscience</i> , <b>2010</b> , 11, 100-13	13.5	1386
27	Reduced laterality as a trait marker of schizophrenia--evidence from structural and functional neuroimaging. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 2289-99	6.6	102
26	Neuroelectromagnetic correlates of perceptual closure processes. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 8342-52	6.6	68
25	Resting-state functional network correlates of psychotic symptoms in schizophrenia. <i>Schizophrenia Research</i> , <b>2010</b> , 117, 21-30	3.6	279
24	Neural synchrony and the development of cortical networks. <i>Trends in Cognitive Sciences</i> , <b>2010</b> , 14, 72-80	4	352

23	Time delays in the beta/gamma cycle operate on the level of individual neurons. <i>NeuroReport</i> , <b>2010</b> , 21, 746-50	1.7	3
22	Neural synchrony in cortical networks: history, concept and current status. <i>Frontiers in Integrative Neuroscience</i> , <b>2009</b> , 3, 17	3.2	456
21	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> , <b>2009</b> , 106, 9866-71	11.5	265
20	NEURAL SYNCHRONY DURING PERCEPTUAL ORGANISATION IN SCHIZOPHRENIA: EEG AND MEG-STUDIES. <i>Schizophrenia Research</i> , <b>2008</b> , 102, 6	3.6	
19	Visual perceptual organization deficits in Alzheimer's dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2008</b> , 25, 465-75	2.6	23
18	The role of oscillations and synchrony in cortical networks and their putative relevance for the pathophysiology of schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2008</b> , 34, 927-43	1.3	453
17	Synchronous Oscillatory Activity and Working Memory in Schizophrenia. <i>Pharmacopsychiatry</i> , <b>2007</b> , 40, S54-S61	2	14
16	Perceptual organization in ketamine users: preliminary evidence of deficits on night of drug use but not 3 days later. <i>Journal of Psychopharmacology</i> , <b>2007</b> , 21, 347-52	4.6	30
15	Perceptual anomalies in schizophrenia: integrating phenomenology and cognitive neuroscience. <i>Schizophrenia Bulletin</i> , <b>2007</b> , 33, 142-56	1.3	184
14	Reduced top-down influences in contour detection in schizophrenia. <i>Cognitive Neuropsychiatry</i> , <b>2006</b> , 11, 112-32	2	53
13	Theory of mind and perceptual context-processing in schizophrenia. <i>Cognitive Neuropsychiatry</i> , <b>2006</b> , 11, 416-36	2	83
12	Dysfunctional long-range coordination of neural activity during Gestalt perception in schizophrenia. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 8168-75	6.6	338
11	Perceptual organization in first episode schizophrenia and ultra-high-risk states. <i>Schizophrenia Research</i> , <b>2006</b> , 83, 41-52	3.6	46
10	Perceptual grouping in disorganized schizophrenia. <i>Psychiatry Research</i> , <b>2006</b> , 145, 105-17	9.9	118
9	Neural synchrony in brain disorders: relevance for cognitive dysfunctions and pathophysiology. <i>Neuron</i> , <b>2006</b> , 52, 155-68	13.9	1469
8	The course and clinical correlates of dysfunctions in visual perceptual organization in schizophrenia during the remission of psychotic symptoms. <i>Schizophrenia Research</i> , <b>2005</b> , 75, 183-92	3.6	74
7	Effectiveness of a two-phase cognitive rehabilitation intervention for severely impaired schizophrenia patients. <i>Psychological Medicine</i> , <b>2005</b> , 35, 829-37	6.9	68
6	Perceptual organization in schizophrenia spectrum disorders: empirical research and theoretical implications. <i>Psychological Bulletin</i> , <b>2005</b> , 131, 618-632	19.1	189

5	Context Processing and Social Cognition in Schizophrenia. <i>Current Psychiatry Reviews</i> , <b>2005</b> , 1, 11-22	0.9	25
4	Gestalt Psychology: The Forgotten Paradigm in Abnormal Psychology. <i>American Journal of Psychology</i> , <b>2004</b> , 117, 259	0.5	16
3	Evidence for impaired visual context processing in schizotypy with thought disorder. <i>Schizophrenia Research</i> , <b>2004</b> , 68, 249-60	3.6	57
2	Gestalt psychology: the forgotten paradigm in abnormal psychology. <i>American Journal of Psychology</i> , <b>2004</b> , 117, 259-77	0.5	3
1	Phenomenology, context, and self-experience in schizophrenia. <i>Behavioral and Brain Sciences</i> , <b>2003</b> , 26, 104-105	0.9	2