

# Paul P Allen

## List of Publications by Year in descending order

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122  
papers

9,799  
citations

36303

51  
h-index

38395

95  
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132  
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132  
docs citations

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times ranked

9581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional atlas of emotional faces processing: a voxel-based meta-analysis of 105 functional magnetic resonance imaging studies. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 418-32.	2.4	959
2	Dysconnectivity in schizophrenia: Where are we now?. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1110-1124.	6.1	610
3	Opposite Effects of $\delta^9$ -Tetrahydrocannabinol and Cannabidiol on Human Brain Function and Psychopathology. <i>Neuropsychopharmacology</i> , 2010, 35, 764-774.	5.4	595
4	The hallucinating brain: A review of structural and functional neuroimaging studies of hallucinations. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 175-191.	6.1	465
5	Distinct Effects of $\delta^9$ -Tetrahydrocannabinol and Cannabidiol on Neural Activation During Emotional Processing. <i>Archives of General Psychiatry</i> , 2009, 66, 95.	12.3	412
6	Auditory Hallucinations in Schizophrenia and Nonschizophrenia Populations: A Review and Integrated Model of Cognitive Mechanisms. <i>Schizophrenia Bulletin</i> , 2012, 38, 683-693.	4.3	335
7	Abnormal Frontostriatal Interactions in People With Prodromal Signs of Psychosis. <i>Archives of General Psychiatry</i> , 2010, 67, 683.	12.3	235
8	Modulation of Mediotemporal and Ventrostriatal Function in Humans by $\delta^9$ -Tetrahydrocannabinol. <i>Archives of General Psychiatry</i> , 2009, 66, 442.	12.3	226
9	Presynaptic Striatal Dopamine Dysfunction in People at Ultra-high Risk for Psychosis: Findings in a Second Cohort. <i>Biological Psychiatry</i> , 2013, 74, 106-112.	1.3	208
10	Neuroimaging Auditory Hallucinations in Schizophrenia: From Neuroanatomy to Neurochemistry and Beyond. <i>Schizophrenia Bulletin</i> , 2012, 38, 695-703.	4.3	202
11	Induction of Psychosis by $\delta^9$ -Tetrahydrocannabinol Reflects Modulation of Prefrontal and Striatal Function During Attentional Salience Processing. <i>Archives of General Psychiatry</i> , 2012, 69, 27.	12.3	193
12	Neuroanatomy of auditory verbal hallucinations in schizophrenia: A quantitative meta-analysis of voxel-based morphometry studies. <i>Cortex</i> , 2013, 49, 1046-1055.	2.4	187
13	Neural Basis of $\delta^9$ -Tetrahydrocannabinol and Cannabidiol: Effects During Response Inhibition. <i>Biological Psychiatry</i> , 2008, 64, 966-973.	1.3	179
14	Interaction of language, auditory and memory brain networks in auditory verbal hallucinations. <i>Progress in Neurobiology</i> , 2017, 148, 1-20.	5.7	169
15	Neurophysiological effects of acute oxytocin administration: systematic review and meta-analysis of placebo-controlled imaging studies. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, E1-E22.	2.4	159
16	Self-recognition Deficits in Schizophrenia Patients With Auditory Hallucinations: A Meta-analysis of the Literature. <i>Schizophrenia Bulletin</i> , 2012, 38, 741-750.	4.3	154
17	Inner speech models of auditory verbal hallucinations: Evidence from behavioural and neuroimaging studies. <i>International Review of Psychiatry</i> , 2007, 19, 407-415.	2.8	153
18	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. <i>Human Brain Mapping</i> , 2007, 28, 1213-1222.	3.6	150

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19	Misattribution of external speech in patients with hallucinations and delusions. <i>Schizophrenia Research</i> , 2004, 69, 277-287.	2.0	145
20	Translating the MAM model of psychosis to humans. <i>Trends in Neurosciences</i> , 2015, 38, 129-138.	8.6	139
21	The Neural Substrate of Reward Anticipation in Health: A Meta-Analysis of fMRI Findings in the Monetary Incentive Delay Task. <i>Neuropsychology Review</i> , 2018, 28, 496-506.	4.9	136
22	Modulation of effective connectivity during emotional processing by $\delta^9$ -tetrahydrocannabinol and cannabidiol. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 421.	2.1	134
23	Modulation of Auditory and Visual Processing by Delta-9-Tetrahydrocannabinol and Cannabidiol: an fMRI Study. <i>Neuropsychopharmacology</i> , 2011, 36, 1340-1348.	5.4	126
24	Altered Relationship Between Hippocampal Glutamate Levels and Striatal Dopamine Function in Subjects at Ultra High Risk of Psychosis. <i>Biological Psychiatry</i> , 2010, 68, 599-602.	1.3	125
25	Transition to Psychosis Associated With Prefrontal and Subcortical Dysfunction in Ultra High-Risk Individuals. <i>Schizophrenia Bulletin</i> , 2012, 38, 1268-1276.	4.3	120
26	Neural correlates of the misattribution of speech in schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 190, 162-169.	2.8	119
27	Effect of Cannabidiol on Medial Temporal, Midbrain, and Striatal Dysfunction in People at Clinical High Risk of Psychosis. <i>JAMA Psychiatry</i> , 2018, 75, 1107.	11.0	113
28	Resting Hyperperfusion of the Hippocampus, Midbrain, and Basal Ganglia in People at High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2016, 173, 392-399.	7.2	104
29	Brain Connectivity Abnormalities Predating the Onset of Psychosis. <i>JAMA Psychiatry</i> , 2013, 70, 903.	11.0	94
30	Symptom Dimensions of the Psychotic Symptom Rating Scales in Psychosis: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2014, 40, S265-S274.	4.3	92
31	Cingulate activity and fronto-temporal connectivity in people with prodromal signs of psychosis. <i>NeuroImage</i> , 2010, 49, 947-955.	4.2	77
32	Adversity in childhood linked to elevated striatal dopamine function in adulthood. <i>Schizophrenia Research</i> , 2016, 176, 171-176.	2.0	77
33	Relationship Between Brain Glutamate Levels and Clinical Outcome in Individuals at Ultra High Risk of Psychosis. <i>Neuropsychopharmacology</i> , 2014, 39, 2891-2899.	5.4	76
34	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.	11.0	74
35	Misattribution of self-generated speech in relation to hallucinatory proneness and delusional ideation in healthy volunteers. <i>Schizophrenia Research</i> , 2006, 84, 281-288.	2.0	72
36	Impaired verbal self-monitoring in psychosis: effects of state, trait and diagnosis. <i>Psychological Medicine</i> , 2006, 36, 465-474.	4.5	71

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37	Altered Prefrontal and Hippocampal Function During Verbal Encoding and Recognition in People With Prodromal Symptoms of Psychosis. <i>Schizophrenia Bulletin</i> , 2011, 37, 746-756.	4.3	71
38	Abnormal Relationship Between Medial Temporal Lobe and Subcortical Dopamine Function in People With an Ultra High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1040-1049.	4.3	71
39	Increased Resting Hippocampal and Basal Ganglia Perfusion in People at Ultra High Risk for Psychosis: Replication in a Second Cohort. <i>Schizophrenia Bulletin</i> , 2018, 44, 1323-1331.	4.3	70
40	A systematic review of multisensory cognitive-affective integration in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 444-452.	6.1	69
41	Association of Hippocampal Glutamate Levels With Adverse Outcomes in Individuals at Clinical High Risk for Psychosis. <i>JAMA Psychiatry</i> , 2019, 76, 199.	11.0	69
42	Acute and Non-acute Effects of Cannabis on Human Memory Function: A Critical Review of Neuroimaging Studies. <i>Current Pharmaceutical Design</i> , 2014, 20, 2114-2125.	1.9	68
43	The prediction of hallucinatory predisposition in non-clinical individuals: Examining the contribution of emotion and reasoning. <i>British Journal of Clinical Psychology</i> , 2005, 44, 127-132.	3.5	67
44	Different duration of at-risk mental state associated with neurofunctional abnormalities. A multimodal imaging study. <i>Human Brain Mapping</i> , 2012, 33, 2281-2294.	3.6	63
45	Altered Medial Temporal Activation Related to Local Glutamate Levels in Subjects with Prodromal Signs of Psychosis. <i>Biological Psychiatry</i> , 2011, 69, 97-99.	1.3	59
46	Functional Outcome in People at High Risk for Psychosis Predicted by Thalamic Glutamate Levels and Prefronto-Striatal Activation. <i>Schizophrenia Bulletin</i> , 2015, 41, 429-439.	4.3	59
47	Real-time fMRI neurofeedback to down-regulate superior temporal gyrus activity in patients with schizophrenia and auditory hallucinations: a proof-of-concept study. <i>Translational Psychiatry</i> , 2018, 8, 46.	4.8	58
48	Working Memory in Unaffected Relatives of Patients With Schizophrenia: A Meta-Analysis of Functional Magnetic Resonance Imaging Studies. <i>Schizophrenia Bulletin</i> , 2016, 42, 1068-1077.	4.3	57
49	Dopamine, cognitive biases and assessment of certainty: A neurocognitive model of delusions. <i>Clinical Psychology Review</i> , 2017, 54, 96-106.	11.4	55
50	Auditory Verbal Hallucinations and Brain Dysconnectivity in the Perisylvian Language Network: A Multimodal Investigation. <i>Schizophrenia Bulletin</i> , 2015, 41, 192-200.	4.3	53
51	Neuroimaging and electrophysiological studies of the effects of acute tryptophan depletion: a systematic review of the literature. <i>Psychopharmacology</i> , 2006, 188, 131-143.	3.1	52
52	Characterization of the anterior cingulate's role in the at-risk mental state using graph theory. <i>NeuroImage</i> , 2011, 56, 1531-1539.	4.2	50
53	Neural correlates of the misattribution of self-generated speech. <i>Human Brain Mapping</i> , 2005, 26, 44-53.	3.6	48
54	Fronto-temporal Interactions during Overt Verbal Initiation and Suppression. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1656-1669.	2.3	48

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55	Multivariate pattern classification reveals differential brain activation during emotional processing in individuals with psychosis proneness. <i>NeuroImage</i> , 2012, 59, 3033-3041.	4.2	47
56	Cannabidiol attenuates insular dysfunction during motivational salience processing in subjects at clinical high risk for psychosis. <i>Translational Psychiatry</i> , 2019, 9, 203.	4.8	47
57	Neural correlates of aberrant emotional salience predict psychotic symptoms and global functioning in high-risk and first-episode psychosis. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1429-1436.	3.0	45
58	Prefrontal GABA levels, hippocampal resting perfusion and the risk of psychosis. <i>Neuropsychopharmacology</i> , 2018, 43, 2652-2659.	5.4	45
59	Elevated Striatal Dopamine Function in Immigrants and Their Children: A Risk Mechanism for Psychosis. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw181.	4.3	44
60	Using Structural Neuroimaging to Make Quantitative Predictions of Symptom Progression in Individuals at Ultra-High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2013, 4, 187.	2.6	41
61	Functional brain networks before the onset of psychosis: A prospective fMRI study with graph theoretical analysis. <i>NeuroImage: Clinical</i> , 2012, 1, 91-98.	2.7	40
62	Abnormal effective connectivity and psychopathological symptoms in the psychosis high-risk state. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 239-248.	2.4	39
63	Effect of acute tryptophan depletion on pre-frontal engagement. <i>Psychopharmacology</i> , 2006, 187, 486-497.	3.1	38
64	Modulation of neural response to happy and sad faces by acute tryptophan depletion. <i>Psychopharmacology</i> , 2007, 193, 31-44.	3.1	37
65	Verbal learning and hippocampal dysfunction in schizophrenia: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 166-175.	6.1	35
66	Extrinsic and default mode networks in psychiatric conditions: Relationship to excitatory-inhibitory transmitter balance and early trauma. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 90-100.	6.1	34
67	Cortical GABA in Subjects at Ultra-High Risk of Psychosis: Relationship to Negative Prodromal Symptoms. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 114-119.	2.1	32
68	Elucidating neuroanatomical alterations in the at risk mental state and first episode psychosis: A combined voxel-based morphometry and voxel-based cortical thickness study. <i>Schizophrenia Research</i> , 2013, 150, 505-511.	2.0	29
69	Identifying Individuals at High Risk of Psychosis: Predictive Utility of Support Vector Machine using Structural and Functional MRI Data. <i>Frontiers in Psychiatry</i> , 2016, 7, 52.	2.6	29
70	Neural Circuitry of Novelty Salience Processing in Psychosis Risk: Association With Clinical Outcome. <i>Schizophrenia Bulletin</i> , 2020, 46, 670-679.	4.3	29
71	Increased superior temporal activation associated with external misattributions of self-generated speech in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 361-363.	2.0	28
72	Sensory and Quasi-Sensory Experiences of the Deceased in Bereavement: An Interdisciplinary and Integrative Review. <i>Schizophrenia Bulletin</i> , 2020, 46, 1367-1381.	4.3	27

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73	An empirical comparison of different approaches for combining multimodal neuroimaging data with support vector machine. <i>Frontiers in Neuroscience</i> , 2014, 8, 189.	2.8	26
74	Emerging Temporal Lobe Dysfunction in People at Clinical High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2019, 10, 298.	2.6	26
75	Oxytocin modulates hippocampal perfusion in people at clinical high risk for psychosis. <i>Neuropsychopharmacology</i> , 2019, 44, 1300-1309.	5.4	26
76	Using connectivity-based real-time fMRI neurofeedback to modulate attentional and resting state networks in people with high trait anxiety. <i>NeuroImage: Clinical</i> , 2020, 25, 102191.	2.7	25
77	Interactions between hippocampal activity and striatal dopamine in people at clinical high risk for psychosis: relationship to adverse outcomes. <i>Neuropsychopharmacology</i> , 2021, 46, 1468-1474.	5.4	25
78	Association of Adverse Outcomes With Emotion Processing and Its Neural Substrate in Individuals at Clinical High Risk for Psychosis. <i>JAMA Psychiatry</i> , 2020, 77, 190.	11.0	23
79	A single dose of cannabidiol modulates medial temporal and striatal function during fear processing in people at clinical high risk for psychosis. <i>Translational Psychiatry</i> , 2020, 10, 311.	4.8	23
80	Attentional modulation of external speech attribution in patients with hallucinations and delusions. <i>Neuropsychologia</i> , 2011, 49, 805-812.	1.6	22
81	Altered relationship between prefrontal glutamate and activation during cognitive control in people with high trait anxiety. <i>Cortex</i> , 2019, 117, 53-63.	2.4	22
82	Correlates of Hallucinatory Experiences in the General Population: An International Multisite Replication Study. <i>Psychological Science</i> , 2021, 32, 1024-1037.	3.3	22
83	Pattern classification of brain activation during emotional processing in subclinical depression: psychosis proneness as potential confounding factor. <i>PeerJ</i> , 2013, 1, e42.	2.0	22
84	Worry is associated with inefficient functional activity and connectivity in prefrontal and cingulate cortices during emotional interference. <i>Brain and Behavior</i> , 2018, 8, e01137.	2.2	21
85	Glutamatergic and dopaminergic function and the relationship to outcome in people at clinical high risk of psychosis: a multi-modal PET-magnetic resonance brain imaging study. <i>Neuropsychopharmacology</i> , 2020, 45, 641-648.	5.4	21
86	Translating Neurocognitive Models of Auditory-Verbal Hallucinations into Therapy: Using Real-time fMRI-Neurofeedback to Treat Voices. <i>Frontiers in Psychiatry</i> , 2016, 7, 103.	2.6	15
87	Corticolimbic dysfunction during facial and prosodic emotional recognition in first-episode psychosis patients and individuals at ultra-high risk. <i>NeuroImage: Clinical</i> , 2016, 12, 645-654.	2.7	15
88	Prevalence and implications of Truman symptoms in subjects at ultra high risk for psychosis. <i>Psychiatry Research</i> , 2016, 238, 270-276.	3.3	13
89	An initial investigation of abnormal bodily phenomena in subjects at ultra high risk for psychosis: Their prevalence and clinical implications. <i>Comprehensive Psychiatry</i> , 2016, 66, 39-45.	3.1	13
90	Real-Time Functional Magnetic Resonance Imaging Neurofeedback for the Relief of Distressing Auditory-Verbal Hallucinations: Methodological and Empirical Advances. <i>Schizophrenia Bulletin</i> , 2020, 46, 1409-1417.	4.3	12

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91	Slow habituation of arousal associated with psychosis proneness. <i>Psychological Medicine</i> , 2007, 37, 577.	4.5	11
92	Increased hippocampal engagement during learning as a marker of sensitivity to psychotomimetic effects of $\Delta^9$ -THC. <i>Psychological Medicine</i> , 2018, 48, 2748-2756.	4.5	11
93	Altered relationship between cortisol response to social stress and mediotemporal function during fear processing in people at clinical high risk for psychosis: a preliminary report. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 461-475.	3.2	11
94	Egas Moniz (1875–1955), the father of psychosurgery. <i>British Journal of Psychiatry</i> , 2008, 193, 50-50.	2.8	10
95	Attentional Modulation of Source Attribution in First-Episode Psychosis: A Functional Magnetic Resonance Imaging Study. <i>Schizophrenia Bulletin</i> , 2013, 39, 1027-1036.	4.3	10
96	Hallucination Research: Into the Future, and Beyond. <i>Schizophrenia Bulletin</i> , 2019, 45, S1-S4.	4.3	10
97	Daily and intermittent smoking are associated with low prefrontal volume and low concentrations of prefrontal glutamate, creatine, myo-inositol, and N-acetylaspartate. <i>Addiction Biology</i> , 2021, 26, e12986.	2.6	10
98	Acute oxytocin effects in inferring others' beliefs and social emotions in people at clinical high risk for psychosis. <i>Translational Psychiatry</i> , 2020, 10, 203.	4.8	10
99	Basic Self-Disturbances Related to Reduced Anterior Cingulate Volume in Subjects at Ultra-High Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2019, 10, 254.	2.6	8
100	Neurochemical effects of oxytocin in people at clinical high risk for psychosis. <i>European Neuropsychopharmacology</i> , 2019, 29, 601-615.	0.7	8
101	An overview of functional, structural and neurochemical imaging studies in individuals with a clinical high risk for psychosis. <i>Neuropsychiatry</i> , 2011, 1, 477-493.	0.4	7
102	17.3 EFFECT OF CANNABIDIOL ON SYMPTOMS, DISTRESS AND NEUROPHYSIOLOGICAL ABNORMALITIES IN CLINICAL HIGH-RISK FOR PSYCHOSIS PATIENTS: A PLACEBO-CONTROLLED STUDY. <i>Schizophrenia Bulletin</i> , 2018, 44, S28-S28.	4.3	6
103	Reduced cortical GABA and glutamate in high schizotypy. <i>Psychopharmacology</i> , 2021, 238, 2459-2470.	3.1	6
104	Does neuroanatomy account for superior temporal dysfunction in early psychosis? A multimodal MRI investigation. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 100-7.	2.4	5
105	Relationship between depression, prefrontal creatine and grey matter volume. <i>Journal of Psychopharmacology</i> , 2021, 35, 1464-1472.	4.0	5
106	Can acute tryptophan depletion modulate brain function in absence of behavioural effects?. <i>Medical Hypotheses</i> , 2007, 68, 722.	1.5	4
107	Parahippocampal Hypoactivation and Vulnerability to Schizophrenia. <i>JAMA Psychiatry</i> , 2014, 71, 1300.	11.0	4
108	Adverse clinical outcomes in people at clinical high-risk for psychosis related to altered interactions between hippocampal activity and glutamatergic function. <i>Translational Psychiatry</i> , 2021, 11, 579.	4.8	4

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109	Systematic Review and Network Meta-Analysis of Anodal tDCS Effects on Verbal Episodic Memory. Zeitschrift Fur Psychologie / Journal of Psychology, 2020, 228, 3-13.	1.0	3
110	Integrated metastate functional connectivity networks predict change in symptom severity in clinical high risk for psychosis. Human Brain Mapping, 2021, 42, 439-451.	3.6	2
111	Structural Neuroimaging in Psychotic Patients with Auditory Verbal Hallucinations. , 2012, , 251-265.		2
112	Item-specific overlap between hallucinatory experiences and cognition in the general population: A three-step multivariate analysis of international multi-site data. Cortex, 2021, 145, 131-144.	2.4	1
113	Cigarette smoking is associated with difficulties in the use of reappraisal for emotion regulation. Drug and Alcohol Dependence, 2022, 234, 109416.	3.2	1
114	Reply to: Hippocampal Glutamate Levels and Striatal Dopamine D2/3 Receptor Occupancy in Subjects at Ultra High Risk of Psychosis. Biological Psychiatry, 2011, 70, e3-e4.	1.3	0
115	Cannabis and Hallucinations: Studies in Human Subjects. , 2013, , 279-288.		0
116	Current perspectives on the mechanisms of auditory hallucinations: introduction to the special research topic. Frontiers in Human Neuroscience, 2013, 7, 792.	2.0	0
117	Translating Neurocognitive Models of Auditory Verbal Hallucinations in Schizophrenia into Novel Therapeutic Interventions. , 2018, , 175-190.		0
118	M163. GLUTAMATE METABOLITES ARE ASSOCIATED WITH ALTERED HIPPOCAMPAL ACTIVATION BUT NOT HIPPOCAMPAL-STRIATAL CONNECTIVITY IN SUBJECTS WITH A CLINICAL HIGH RISK FOR PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S198-S198.	4.3	0
119	S150. EMOTIONAL BEHAVIOUR IN HIGH-RISK AND FIRST-EPISODE PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S93-S93.	4.3	0
120	Acute Tryptophan Depletion and Suicidality. Journal of Psychophysiology, 2007, 21, 72-73.	0.7	0
121	PET and SPECT Findings in Patients with Hallucinations. , 2014, , 471-490.		0
122	The relationship between grey matter volume and clinical and functional outcomes in people at clinical high risk for psychosis. Schizophrenia Bulletin Open, 0, , .	1.7	0