

Peter C Williamson

List of Publications by Year in descending order

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45
papers

4,971
citations

117453

34
h-index

233125

45
g-index

46
all docs

46
docs citations

46
times ranked

4858
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Correlates of Traumatic Memories in Posttraumatic Stress Disorder: A Functional MRI Investigation. <i>American Journal of Psychiatry</i> , 2001, 158, 1920-1922.	4.0	473
2	Brain activation during script-driven imagery induced dissociative responses in PTSD: a functional magnetic resonance imaging investigation. <i>Biological Psychiatry</i> , 2002, 52, 305-311.	0.7	470
3	Glutamate and Glutamine Measured With 4.0 T Proton MRS in Never-Treated Patients With Schizophrenia and Healthy Volunteers. <i>American Journal of Psychiatry</i> , 2002, 159, 1944-1946.	4.0	386
4	Recall of emotional states in posttraumatic stress disorder: an fMRI investigation. <i>Biological Psychiatry</i> , 2003, 53, 204-210.	0.7	299
5	Alterations in default network connectivity in posttraumatic stress disorder related to early-life trauma. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 187-94.	1.4	281
6	Glutamate and Glutamine in the Anterior Cingulate and Thalamus of Medicated Patients With Chronic Schizophrenia and Healthy Comparison Subjects Measured With 4.0-T Proton MRS. <i>American Journal of Psychiatry</i> , 2003, 160, 2231-2233.	4.0	254
7	Mapping Corpus Callosum Deficits in Autism: An Index of Aberrant Cortical Connectivity. <i>Biological Psychiatry</i> , 2006, 60, 218-225.	0.7	246
8	Functional connectivity of dissociative responses in posttraumatic stress disorder: A functional magnetic resonance imaging investigation. <i>Biological Psychiatry</i> , 2005, 57, 873-884.	0.7	238
9	The Nature of Traumatic Memories: A 4-T fMRI Functional Connectivity Analysis. <i>American Journal of Psychiatry</i> , 2004, 161, 36-44.	4.0	224
10	Longitudinal grey-matter and glutamatergic losses in first-episode schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 191, 325-334.	1.7	176
11	A Short Echo ¹ H Spectroscopy and Volumetric MRI Study of the Corpus Striatum in Patients With Obsessive-Compulsive Disorder and Comparison Subjects. <i>American Journal of Psychiatry</i> , 1998, 155, 1584-1591.	4.0	156
12	Switching between executive and default mode networks in posttraumatic stress disorder: alterations in functional connectivity. <i>Journal of Psychiatry and Neuroscience</i> , 2010, 35, 258-266.	1.4	133
13	The use of a priori knowledge to quantify short echo in vivo 1h mr spectra. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 17-24.	1.9	109
14	Grey matter and social functioning correlates of glutamatergic metabolite loss in schizophrenia. <i>British Journal of Psychiatry</i> , 2011, 198, 448-456.	1.7	103
15	Detection and mapping of hippocampal abnormalities in autism. <i>Psychiatry Research - Neuroimaging</i> , 2006, 148, 11-21.	0.9	100
16	Brain activation to favorite music in healthy controls and depressed patients. <i>NeuroReport</i> , 2009, 20, 1204-1208.	0.6	82
17	Effects of trauma-related cues on pain processing in posttraumatic stress disorder: an fMRI investigation. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 6-14.	1.4	80
18	The neural correlates of regulating positive and negative emotions in medication-free major depression. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 628-637.	1.5	78

#	ARTICLE	IF	CITATIONS
19	Association of Age, Antipsychotic Medication, and Symptom Severity in Schizophrenia With Proton Magnetic Resonance Spectroscopy Brain Glutamate Level. <i>JAMA Psychiatry</i> , 2021, 78, 667.	6.0	72
20	Retrosplenial cortex connectivity in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 17-23.	0.9	70
21	A short echo proton magnetic resonance spectroscopy study of the left mesial-temporal lobe in first-onset schizophrenic patients. <i>Biological Psychiatry</i> , 1999, 45, 1403-1411.	0.7	69
22	A framework for interpreting functional networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 184.	1.0	69
23	Functional magnetic resonance spectroscopy of glutamate in schizophrenia and major depressive disorder: anterior cingulate activity during a color-word Stroop task. <i>NPJ Schizophrenia</i> , 2015, 1, 15028.	2.0	66
24	In vivo brain ³¹ P-MRS: measuring the phospholipid resonances at 4 Tesla from small voxels. <i>NMR in Biomedicine</i> , 2002, 15, 338-347.	1.6	64
25	A ¹ H-decoupled ³¹ P chemical shift imaging study of medicated schizophrenic patients and healthy controls. <i>Biological Psychiatry</i> , 1999, 45, 687-693.	0.7	60
26	Focal changes in brain energy and phospholipid metabolism in first-episode schizophrenia. <i>British Journal of Psychiatry</i> , 2004, 184, 409-415.	1.7	51
27	Psychological, topographic EEG, and CT scan correlates of frontal lobe function in schizophrenia. <i>Psychiatry Research</i> , 1989, 29, 137-149.	1.7	50
28	Grey and white matter differences in brain energy metabolism in first episode schizophrenia: ³¹ P-MRS chemical shift imaging at 4 Tesla. <i>Psychiatry Research - Neuroimaging</i> , 2006, 146, 127-135.	0.9	50
29	Region-specific changes in phospholipid metabolism in chronic, medicated schizophrenia. <i>British Journal of Psychiatry</i> , 2002, 180, 39-44.	1.7	49
30	Mapping brain abnormalities in boys with autism. <i>Human Brain Mapping</i> , 2009, 30, 3887-3900.	1.9	48
31	Duration of untreated psychosis vs. N-acetylaspartate and choline in first episode schizophrenia: a ¹ H magnetic resonance spectroscopy study at 4.0 Tesla. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 107-114.	0.9	46
32	Medial Prefrontal and Anterior Insular Connectivity in Early Schizophrenia and Major Depressive Disorder: A Resting Functional MRI Evaluation of Large-Scale Brain Network Models. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 132.	1.0	43
33	Increased glutamate levels observed upon functional activation in the anterior cingulate cortex using the Stroop Task and functional spectroscopy. <i>NeuroReport</i> , 2015, 26, 107-112.	0.6	40
34	Coherence on Electroencephalography and Aberrant Functional Organisation of the Brain in Schizophrenic Patients During Activation Tasks. <i>British Journal of Psychiatry</i> , 1991, 159, 636-644.	1.7	37
35	Quantifying ¹ H decoupled in vivo ³¹ P brain spectra. <i>NMR in Biomedicine</i> , 1999, 12, 8-14.	1.6	32
36	Three-dimensional mapping of the lateral ventricles in autism. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 106-115.	0.9	26

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37	Neurometabolic abnormalities in schizophrenia and depression observed with magnetic resonance spectroscopy at 7 T. <i>BJPsych Open</i> , 2017, 3, 6-11.	0.3	24
38	Comparative study of proton and phosphorus magnetic resonance spectroscopy in schizophrenia at 4 Tesla. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 33-39.	0.9	21
39	Brain Magnetic Resonance Spectroscopy in Tourette's Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2005, 44, 1301-1308.	0.3	21
40	Higher order thalamic nuclei resting network connectivity in early schizophrenia and major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2018, 272, 7-16.	0.9	20
41	Emotion-related brain activity to conflicting socio-emotional cues in unmedicated depression. <i>Journal of Affective Disorders</i> , 2013, 150, 1136-1141.	2.0	16
42	Temporoparietal Junction Functional Connectivity in Early Schizophrenia and Major Depressive Disorder. <i>Chronic Stress</i> , 2018, 2, 247054701881523.	1.7	14
43	Implementation issues of multivoxel STEAM-localized 1H spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 713-718.	1.9	12
44	ACC Neuro-over-Connectivity Is Associated with Mathematically Modeled Additional Encoding Operations of Schizophrenia Stroop-Task Performance. <i>Frontiers in Psychology</i> , 2016, 7, 1295.	1.1	11
45	Emotion regulation in emerging adults with major depressive disorder and frequent cannabis use. <i>NeuroImage: Clinical</i> , 2021, 30, 102575.	1.4	2