Christopher C Abbott

List of Publications by Citations

44 papers	918 citations	16 h-index	29 g-index
51 ext. papers	1,208 ext. citations	4.5 avg, IF	3.92 L-index

#	Paper	IF	Citations
44	Electroconvulsive therapy response in major depressive disorder: a pilot functional network connectivity resting state FMRI investigation. *Frontiers in Psychiatry*, **2013**, 4, 10	5	111
43	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. *NeuroImage*, **2014**, 97, 117-26	7.9	98
42	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. *Biological Psychiatry*, **2018**, 84, 574-581	7.9	91
41	Increased glutamine in patients undergoing long-term treatment for schizophrenia: a proton magnetic resonance spectroscopy study at 3 T. *JAMA Psychiatry*, **2014**, 71, 265-72	14.5	67
40	Reliability of the amplitude of low-frequency fluctuations in resting state fMRI in chronic schizophrenia. *Psychiatry Research - Neuroimaging*, **2012**, 201, 253-5	2.9	50
39	Antipsychotic dose and diminished neural modulation: a multi-site fMRI study. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 473-82	5.5	42
38	Increased Excitability Induced in the Primary Motor Cortex by Transcranial Ultrasound Stimulation. *Frontiers in Neurology*, **2018**, 9, 1007	4.1	41
37	A review of longitudinal electroconvulsive therapy: neuroimaging investigations. *Journal of Geriatric Psychiatry and Neurology*, **2014**, 27, 33-46	3.8	40
36	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. *NeuroImage: Clinical*, **2017**, 14, 422-432	5.3	37
35	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. *Neuropsychopharmacology*, **2018**, 43, 1078-1087	8.7	35
34	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. *Biological Psychiatry*, **2020**, 87, 451-461	7.9	32
33	The Paradoxical Relationship between White Matter, Psychopathology and Cognition in Schizophrenia: A Diffusion Tensor and Proton Spectroscopic Imaging Study. *Neuropsychopharmacology*, **2015**, 40, 2248-57	8.7	28
32	Glutamatergic and Neuronal Dysfunction in Gray and White Matter: A Spectroscopic Imaging Study in a Large Schizophrenia Sample. *Schizophrenia Bulletin*, **2017**, 43, 611-619	1.3	27
31	Electric field causes volumetric changes in the human brain. *ELife*, **2019**, 8,	8.9	22
30	Hemodynamic response function abnormalities in schizophrenia during a multisensory detection task. *Human Brain Mapping*, **2016**, 37, 745-55	5.9	16
29	Inter and intra-hemispheric structural imaging markers predict depression relapse after electroconvulsive therapy: a multisite study. *Translational Psychiatry*, **2017**, 7, 1270	8.6	16
28	Catatonia after cerebral hypoxia: do the usual treatments apply?. *Psychosomatics*, **2014**, 55, 525-35	2.6	13

27	Decreased default mode neural modulation with age in schizophrenia. *American Journal of Geriatric Psychiatry*, **2010**, 18, 897-907	6.5	13
26	Preliminary prediction of individual response to electroconvulsive therapy using whole-brain functional magnetic resonance imaging data. *NeuroImage: Clinical*, **2020**, 26, 102080	5.3	13
25	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. *Brain Stimulation*, **2020**, 13, 696-704	5.1	11
24	The increasing frequency of mania and bipolar disorder: causes and potential negative impacts. *Journal of Nervous and Mental Disease*, **2012**, 200, 380-7	1.8	11
23	Reproducibility of phase rotation stimulated echo acquisition mode at 3T in schizophrenia: Emphasis on glutamine. *Magnetic Resonance in Medicine*, **2016**, 75, 498-502	4.4	11
22	Electroconvulsive therapy treatment responsive multimodal brain networks. *Human Brain Mapping*, **2020**, 41, 1775-1785	5.9	10
21	Targeted Electroconvulsive Therapy for Super Refractory Status Epilepticus: A Case Report and Literature Review. *Psychosomatics*, **2018**, 59, 302-305	2.6	10
20	Auditory orienting and inhibition of return in schizophrenia: a functional magnetic resonance imaging study. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 37, 161-8	5.5	7
19	Anterior cingulate gamma-aminobutyric acid concentrations and electroconvulsive therapy. *Brain and Behavior*, **2020**, 10, e01833	3.4	7
18	Catatonia after deep brain stimulation successfully treated with lorazepam and right unilateral electroconvulsive therapy: a case report. *Journal of ECT*, **2014**, 30, e13-5	2	6
17	The Neurobiological Effects of Electroconvulsive Therapy Studied Through Magnetic Resonance: What Have We Learned, and Where Do We Go?. *Biological Psychiatry*, **2021**,	7.9	6
16	Electroconvulsive Therapy Pulse Amplitude and Clinical Outcomes. *American Journal of Geriatric Psychiatry*, **2021**, 29, 166-178	6.5	6
15	Are second generation antipsychotics a distinct class?. *Journal of Psychiatric Practice*, **2008**, 14, 225-31	1.3	5
14	Magnetic Resonance Spectroscopy in Depressed Subjects Treated With Electroconvulsive Therapy-A Systematic Review of Literature. *Frontiers in Psychiatry*, **2021**, 12, 608857	5	5
13	Determining Electroconvulsive Therapy Response With Machine Learning. *JAMA Psychiatry*, **2016**, 73, 545-6	14.5	5
12	Abnormal Dynamic Functional Network Connectivity Estimated from Default Mode Network Predicts Symptom Severity in Major Depressive Disorder. *Brain Connectivity*, **2021**, 11, 838-849	2.7	5
11	DATA-DRIVEN CLUSTER SELECTION FOR SUBCORTICAL SHAPE AND CORTICAL THICKNESS PREDICTS RECOVERY FROM DEPRESSIVE SYMPTOMS **2017**, 2017, 502-506	1.5	4
10	Depressive Symptom Dimensions in Treatment-Resistant Major Depression and Their Modulation With Electroconvulsive Therapy. *Journal of ECT*, **2020**, 36, 123-129	2	4

9	Accounting for symptom heterogeneity can improve neuroimaging models of antidepressant response after electroconvulsive therapy. *Human Brain Mapping*, **2021**, 42, 5322-5333	5.9	4
8	From Behavioral Facilitation to Inhibition: The Neuronal Correlates of the Orienting and Reorienting of Auditory Attention. *Frontiers in Human Neuroscience*, **2017**, 11, 293	3.3	2
7	Author response: Electric field causes volumetric changes in the human brain **2019**,		2
6	Electroconvulsive therapy electrode placement for bipolar state-related targeted engagement. *International Journal of Bipolar Disorders*, **2019**, 7, 11	5.4	1
5	Electroconvulsive therapy, electric field, neuroplasticity, and clinical outcomes. *Molecular Psychiatry* , **2021**,	15.1	1
4	Psychiatric Presentations of Creutzfeldt-Jakob Disease: A Case Report. *Journal of the Academy of Consultation-Liaison Psychiatry*, **2021**, 62, 248-252		1
3	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. *Journal of Psychiatry and Neuroscience*, **2021**, 46, E418-E426	4.5	1
2	Dynamic Functional Connectivity Predicts Treatment Response to Electroconvulsive Therapy in Major Depressive Disorder. *Frontiers in Human Neuroscience*, **2021**, 15, 689488	3.3	1
1	Right prefrontal intermittent theta-burst stimulation for major depressive disorder: A case series. *Brain Stimulation*, **2021**, 14, 97-99	5.1	0