

# Justin T Baker

## List of Publications by Citations

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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.

58  
papers

3,376  
citations

22  
h-index

58  
g-index

75  
ext. papers

4,226  
ext. citations

6.3  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
58	Intrinsic functional architecture in the anaesthetized monkey brain. <i>Nature</i> , <b>2007</b> , 447, 83-6	50.4	1462
57	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1853-60	25.5	278
56	Disruption of cortical association networks in schizophrenia and psychotic bipolar disorder. <i>JAMA Psychiatry</i> , <b>2014</b> , 71, 109-18	14.5	261
55	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , <b>2018</b> , 83, 244-253	7.9	192
54	Gaze direction modulates finger movement activation patterns in human cerebral cortex. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 10044-52	6.6	100
53	Neural correlates of verbal memory encoding during semantic and structural processing tasks. <i>NeuroReport</i> , <b>2001</b> , 12, 1251-6	1.7	97
52	Functional connectivity of left Heschl's gyrus in vulnerability to auditory hallucinations in schizophrenia. <i>Schizophrenia Research</i> , <b>2013</b> , 143, 260-8	3.6	88
51	Distribution of activity across the monkey cerebral cortical surface, thalamus and midbrain during rapid, visually guided saccades. <i>Cerebral Cortex</i> , <b>2006</b> , 16, 447-59	5.1	76
50	Functional connectomics of affective and psychotic pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 9050-9059	11.5	67
49	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 134	3.3	55
48	Spatial memory following shifts of gaze. I. Saccades to memorized world-fixed and gaze-fixed targets. <i>Journal of Neurophysiology</i> , <b>2003</b> , 89, 2564-76	3.2	52
47	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. <i>Current Opinion in Neurobiology</i> , <b>2015</b> , 30, 85-91	7.6	49
46	Topographic organization of macaque area LIP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4728-33	11.5	48
45	Why Psychiatry Needs Data Science and Data Science Needs Psychiatry: Connecting With Technology. <i>JAMA Psychiatry</i> , <b>2016</b> , 73, 3-4	14.5	43
44	Individual-specific functional connectivity markers track dimensional and categorical features of psychotic illness. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2119-2129	15.1	43
43	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. <i>Nature Communications</i> , <b>2018</b> , 9, 1157	17.4	42
42	An Examination of Rostral Anterior Cingulate Cortex Function and Neurochemistry in Obsessive-Compulsive Disorder. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 1866-76	8.7	39

41	Methodology and Reporting of Mobile Health and Smartphone Application Studies for Schizophrenia. <i>Harvard Review of Psychiatry</i> , <b>2017</b> , 25, 146-154	4.1	38
40	Gray matter volume in schizophrenia and bipolar disorder with psychotic features. <i>Schizophrenia Research</i> , <b>2012</b> , 138, 177-82	3.6	38
39	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 1022-1034	7.9	34
38	Reproducibility of Cognitive Profiles in Psychosis Using Cluster Analysis. <i>Journal of the International Neuropsychological Society</i> , <b>2018</b> , 24, 382-390	3.1	31
37	Aberrant cerebellar connectivity in bipolar disorder with psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 438-448	3.4	22
36	Use of an Individual-Level Approach to Identify Cortical Connectivity Biomarkers in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 27-38	3.4	21
35	Digital devices and continuous telemetry: opportunities for aligning psychiatry and neuroscience. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 2499-2503	8.7	20
34	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. <i>Biological Psychiatry</i> , <b>2020</b> , 88, e5-e10	7.9	19
33	McLean OnTrack: a transdiagnostic program for early intervention in first-episode psychosis. <i>Microbial Biotechnology</i> , <b>2017</b> , 11, 83-90	3.3	18
32	Large-Scale Functional Brain Network Architecture Changes Associated With Trauma-Related Dissociation. <i>American Journal of Psychiatry</i> , <b>2021</b> , 178, 165-173	11.9	15
31	Quantum computing at the frontiers of biological sciences. <i>Nature Methods</i> , <b>2021</b> , 18, 701-709	21.6	14
30	Nicotine Increases Activation to Anticipatory Valence Cues in Anterior Insula and Striatum. <i>Nicotine and Tobacco Research</i> , <b>2018</b> , 20, 851-858	4.9	13
29	Using Smartphone Apps to Promote Psychiatric Rehabilitation in a Peer-Led Community Support Program: Pilot Study. <i>JMIR Mental Health</i> , <b>2018</b> , 5, e10092	6	13
28	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 308-319	7.9	10
27	Functional connectivity in distinct cognitive subtypes in psychosis. <i>Schizophrenia Research</i> , <b>2019</b> , 204, 120-126	3.6	9
26	Toward Expert Systems in Mental Health Assessment: A Computational Approach to the Face and Voice in Dyadic Patient-Doctor Interactions. <i>Iproceedings</i> , <b>2016</b> , 2, e44	0.1	8
25	Case Report of Dual-Site Neurostimulation and Chronic Recording of Cortico-Striatal Circuitry in a Patient With Treatment Refractory Obsessive Compulsive Disorder. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 569973	3.3	8
24	Nicotine-induced activation of caudate and anterior cingulate cortex in response to errors in schizophrenia. <i>Psychopharmacology</i> , <b>2018</b> , 235, 789-802	4.7	8

23	Summary of Key Issues Raised in the Technology for Early Awareness of Addiction and Mental Illness (TEAAM-I) Meeting. <i>Psychiatric Services</i> , <b>2018</b> , 69, 590-592	3.3	6
22	Determining sample size and length of follow-up for smartphone-based digital phenotyping studies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 1844-1849	8.6	5
21	Curriculum Overhaul in Psychiatric Residency: An Innovative Approach to Revising the Didactic Lecture Series. <i>Academic Psychiatry</i> , <b>2018</b> , 42, 258-261	1.1	3
20	Visual attention in schizophrenia: Eye contact and gaze aversion during clinical interactions <b>2017</b> ,		3
19	Digital Phenotyping for the Busy Psychiatrist: Clinical Implications and Relevance. <i>Psychiatric Annals</i> , <b>2019</b> , 49, 196-201	0.5	3
18	Sociodemographic characteristics of missing data in digital phenotyping. <i>Scientific Reports</i> , <b>2021</b> , 11, 15408	4.9	3
17	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups.. <i>Brain and Behavior</i> , <b>2021</b> , e2413	3.4	3
16	Fluctuations in behavior and affect in college students measured using deep phenotyping.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1932	4.9	2
15	The relationship between conventional clinical assessments and momentary assessments of symptoms and functioning in schizophrenia spectrum disorders: A systematic review. <i>Schizophrenia Research</i> , <b>2021</b> , 232, 11-27	3.6	2
14	Toward Objective, Multifaceted Characterization of Psychotic Disorders <b>2018</b> ,		2
13	Auditory hallucinations across the psychosis spectrum: Evidence of dysconnectivity involving cerebellar and temporal lobe regions.. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102893	5.3	1
12	Using Smartphone Apps to Promote Psychiatric Rehabilitation in a Peer-led Community Support Program (Preprint)		1
11	Will Neuroimaging Produce a Clinical Tool for Psychiatry?. <i>Psychiatric Annals</i> , <b>2019</b> , 49, 209-214	0.5	1
10	The Digital Future of Psychiatry. <i>Psychiatric Annals</i> , <b>2019</b> , 49, 193-194	0.5	1
9	Functional connectomics of affective and psychotic pathology		1
8	Open-source Longitudinal Sleep Analysis From Accelerometer Data (DPSleep): Algorithm Development and Validation. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e29849	5.5	1
7	Sociodemographic Characteristics of Missing Data in Digital Phenotyping		1
6	Quantitative systems pharmacology in neuroscience: Novel methodologies and technologies. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2021</b> , 10, 412-419	4.5	1

5	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 706655	5	1
4	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results from the ENIGMA-PGC PTSD Consortium.. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2022</b> ,	3.4	1
3	An Ethics Checklist for Digital Health Research in Psychiatry: Viewpoint.. <i>Journal of Medical Internet Research</i> , <b>2022</b> , 24, e31146	7.6	0
2	Potential Opioid-Related Adverse Drug Events Are Associated With Decreased Revenue in Hip Replacement Surgery in the Older Population. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , <b>2020</b> , 11, 2151459320915328	2	0
1	Behavior as Physiology: How Dynamical-Systems Theory Could Advance Psychiatry. <i>American Journal of Psychiatry</i> , <b>2021</b> , 178, 791-792	11.9	0