Justin T Baker

List of Publications by Year
in descending order

63 papers	4,773 citations	201674 27 h-index	144013 57 g-index
75 all docs	75 docs citations	75 times ranked	7458 citing authors

#	Article	IF	Citations
1	Intrinsic functional architecture in the anaesthetized monkey brain. Nature, 2007, 447, 83-86.	27.8	1,730
2	Parcellating cortical functional networks in individuals. Nature Neuroscience, 2015, 18, 1853-1860.	14.8	429
3	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. Biological Psychiatry, 2018, 83, 244-253.	1.3	335
4	Disruption of Cortical Association Networks in Schizophrenia and Psychotic Bipolar Disorder. JAMA Psychiatry, 2014, 71, 109.	11.0	332
5	Functional connectomics of affective and psychotic pathology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9050-9059.	7.1	134
6	Functional connectivity of left Heschl's gyrus in vulnerability to auditory hallucinations in schizophrenia. Schizophrenia Research, 2013, 143, 260-268.	2.0	111
7	Gaze Direction Modulates Finger Movement Activation Patterns in Human Cerebral Cortex. Journal of Neuroscience, 1999, 19, 10044-10052.	3.6	109
8	Neural correlates of verbal memory encoding during semantic and structural processing tasks. NeuroReport, 2001, 12, 1251-1256.	1.2	106
9	Individual-specific functional connectivity markers track dimensional and categorical features of psychotic illness. Molecular Psychiatry, 2020, 25, 2119-2129.	7.9	93
10	Distribution of Activity Across the Monkey Cerebral Cortical Surface, Thalamus and Midbrain during Rapid, Visually Guided Saccades. Cerebral Cortex, 2006, 16, 447-459.	2.9	86
11	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. Frontiers in Human Neuroscience, 2015, 9, 134.	2.0	82
12	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. Biological Psychiatry, 2020, 87, 1022-1034.	1.3	73
13	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. Current Opinion in Neurobiology, 2015, 30, 85-91.	4.2	68
14	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. Nature Communications, 2018, 9, 1157.	12.8	65
15	Quantum computing at the frontiers of biological sciences. Nature Methods, 2021, 18, 701-709.	19.0	64
16	Topographic organization of macaque area LIP. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4728-4733.	7.1	62
17	Why Psychiatry Needs Data Science and Data Science Needs Psychiatry. JAMA Psychiatry, 2016, 73, 3.	11.0	62
18	Large-Scale Functional Brain Network Architecture Changes Associated With Trauma-Related Dissociation. American Journal of Psychiatry, 2021, 178, 165-173.	7.2	57

#	ARTICLE	IF	CITATIONS
19	Spatial Memory Following Shifts of Gaze. I. Saccades to Memorized World-Fixed and Gaze-Fixed Targets. Journal of Neurophysiology, 2003, 89, 2564-2576.	1.8	57
20	Gray matter volume in schizophrenia and bipolar disorder with psychotic features. Schizophrenia Research, 2012, 138, 177-182.	2.0	54
21	Methodology and Reporting of Mobile Health and Smartphone Application Studies for Schizophrenia. Harvard Review of Psychiatry, 2017, 25, 146-154.	2.1	53
22	An Examination of Rostral Anterior Cingulate Cortex Function and Neurochemistry in Obsessiveâ€"Compulsive Disorder. Neuropsychopharmacology, 2015, 40, 1866-1876.	5.4	45
23	Reproducibility of Cognitive Profiles in Psychosis Using Cluster Analysis. Journal of the International Neuropsychological Society, 2018, 24, 382-390.	1.8	43
24	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. Biological Psychiatry, 2021, 89, 308-319.	1.3	42
25	Digital devices and continuous telemetry: opportunities for aligning psychiatry and neuroscience. Neuropsychopharmacology, 2018, 43, 2499-2503.	5.4	36
26	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. Biological Psychiatry, 2020, 88, e5-e10.	1.3	36
27	Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 438-448.	1.5	35
28	Use of an Individual-Level Approach to Identify Cortical Connectivity Biomarkers in Obsessive-Compulsive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 27-38.	1.5	32
29	Case Report of Dual-Site Neurostimulation and Chronic Recording of Cortico-Striatal Circuitry in a Patient With Treatment Refractory Obsessive Compulsive Disorder. Frontiers in Human Neuroscience, 2020, 14, 569973.	2.0	26
30	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. Brain and Behavior, 2022, 12, e2413.	2.2	25
31	McLean OnTrack: a transdiagnostic program for early intervention in firstâ€‐episode psychosis. Microbial Biotechnology, 2017, 11, 83-90.	1.7	24
32	Using Smartphone Apps to Promote Psychiatric Rehabilitation in a Peer-Led Community Support Program: Pilot Study. JMIR Mental Health, 2018, 5, e10092.	3.3	23
33	Functional connectivity in distinct cognitive subtypes in psychosis. Schizophrenia Research, 2019, 204, 120-126.	2.0	22
34	Determining sample size and length of follow-up for smartphone-based digital phenotyping studies. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1844-1849.	4.4	21
35	Nicotine Increases Activation to Anticipatory Valence Cues in Anterior Insula and Striatum. Nicotine and Tobacco Research, 2018, 20, 851-858.	2.6	20
36	Sociodemographic characteristics of missing data in digital phenotyping. Scientific Reports, 2021, 11, 15408.	3.3	19

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37	The relationship between conventional clinical assessments and momentary assessments of symptoms and functioning in schizophrenia spectrum disorders: A systematic review. Schizophrenia Research, 2021, 232, 11-27.	2.0	12
38	An Ethics Checklist for Digital Health Research in Psychiatry: Viewpoint. Journal of Medical Internet Research, 2022, 24, e31146.	4.3	12
39	Open-source Longitudinal Sleep Analysis From Accelerometer Data (DPSleep): Algorithm Development and Validation. JMIR MHealth and UHealth, 2021, 9, e29849.	3.7	11
40	Nicotine-induced activation of caudate and anterior cingulate cortex in response to errors in schizophrenia. Psychopharmacology, 2018, 235, 789-802.	3.1	10
41	Quantitative systems pharmacology in neuroscience: Novel methodologies and technologies. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 412-419.	2.5	10
42	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. Frontiers in Psychiatry, 2021, 12, 706655.	2.6	9
43	Toward Expert Systems in Mental Health Assessment: A Computational Approach to the Face and Voice in Dyadic Patient-Doctor Interactions. Iproceedings, 2016, 2, e44.	0.1	9
44	Visual attention in schizophrenia: Eye contact and gaze aversion during clinical interactions. , 2017, , .		8
45	Summary of Key Issues Raised in the Technology for Early Awareness of Addiction and Mental Illness (TEAAM-I) Meeting. Psychiatric Services, 2018, 69, 590-592.	2.0	8
46	Digital Phenotyping for the Busy Psychiatrist: Clinical Implications and Relevance. Psychiatric Annals, 2019, 49, 196-201.	0.1	8
47	Fluctuations in behavior and affect in college students measured using deep phenotyping. Scientific Reports, 2022, 12, 1932.	3.3	8
48	Potential Opioid-Related Adverse Drug Events Are Associated With Decreased Revenue in Hip Replacement Surgery in the Older Population. Geriatric Orthopaedic Surgery and Rehabilitation, 2020, 11, 215145932091532.	1.4	6
49	Computational analysis of spoken language in acute psychosis and mania. Schizophrenia Research, 2022, 245, 97-115.	2.0	6
50	Mobile footprinting: linking individual distinctiveness in mobility patterns to mood, sleep, and brain functional connectivity. Neuropsychopharmacology, 2022, 47, 1662-1671.	5.4	6
51	Auditory hallucinations across the psychosis spectrum: Evidence of dysconnectivity involving cerebellar and temporal lobe regions. NeuroImage: Clinical, 2021, 32, 102893.	2.7	4
52	Curriculum Overhaul in Psychiatric Residency: An Innovative Approach to Revising the Didactic Lecture Series. Academic Psychiatry, 2018, 42, 258-261.	0.9	3
53	Toward Objective, Multifaceted Characterization of Psychotic Disorders. , 2018, , .		3
54	Behavior as Physiology: How Dynamical-Systems Theory Could Advance Psychiatry. American Journal of Psychiatry, 2021, 178, 791-792.	7.2	3

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55	The Digital Future of Psychiatry. Psychiatric Annals, 2019, 49, 193-194.	0.1	3
56	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 935-948.	1.5	2
57	Will Neuroimaging Produce a Clinical Tool for Psychiatry?. Psychiatric Annals, 2019, 49, 209-214.	0.1	1
58	Methodology and Reporting of Mobile Health and Smartphone Application Studies for Schizophrenia: Erratum. Harvard Review of Psychiatry, 2017, 25, 194-194.	2.1	0
59	Uncovering Relationships Between Mood, Movement, and Neural Activity via Dense Longitudinal Data From an Obsessive-Compulsive Disorder Patient Undergoing Deep Brain Stimulation. Biological Psychiatry, 2020, 87, S459.	1.3	0
60	Loneliness of Schizophrenia and Bipolar Disorder Patients in a Multi-Year mHealth Study. Biological Psychiatry, 2021, 89, S222.	1.3	0
61	P633. Objective Index of Sleep Fragmentation Correlates With Smaller Hippocampi in Posttraumatic Stress Disorder. Biological Psychiatry, 2022, 91, S345-S346.	1.3	0
62	P282. Precision Psychiatry on Adult Inpatient Psychiatric Units: Utilizing Patient Reported Measures and Actigraphy Data to Characterize Patient Symptomology and Outcomes. Biological Psychiatry, 2022, 91, S201-S202.	1.3	0
63	P526. Toward an Understanding of the Functional Connectomics of Affective and Psychotic Illness. Biological Psychiatry, 2022, 91, S301-S302.	1.3	0