

Justin T Baker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5568211/publications.pdf>

Version: 2024-02-01

62
papers

4,773
citations

201385

27
h-index

143772

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. <i>Nature</i> , 2007, 447, 83-86.	13.7	1,730
2	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , 2015, 18, 1853-1860.	7.1	429
3	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , 2018, 83, 244-253.	0.7	335
4	Disruption of Cortical Association Networks in Schizophrenia and Psychotic Bipolar Disorder. <i>JAMA Psychiatry</i> , 2014, 71, 109.	6.0	332
5	Functional connectomics of affective and psychotic pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9050-9059.	3.3	134
6	Functional connectivity of left Heschl's gyrus in vulnerability to auditory hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 260-268.	1.1	111
7	Gaze Direction Modulates Finger Movement Activation Patterns in Human Cerebral Cortex. <i>Journal of Neuroscience</i> , 1999, 19, 10044-10052.	1.7	109
8	Neural correlates of verbal memory encoding during semantic and structural processing tasks. <i>NeuroReport</i> , 2001, 12, 1251-1256.	0.6	106
9	Individual-specific functional connectivity markers track dimensional and categorical features of psychotic illness. <i>Molecular Psychiatry</i> , 2020, 25, 2119-2129.	4.1	93
10	Distribution of Activity Across the Monkey Cerebral Cortical Surface, Thalamus and Midbrain during Rapid, Visually Guided Saccades. <i>Cerebral Cortex</i> , 2006, 16, 447-459.	1.6	86
11	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 134.	1.0	82
12	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020, 87, 1022-1034.	0.7	73
13	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. <i>Current Opinion in Neurobiology</i> , 2015, 30, 85-91.	2.0	68
14	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. <i>Nature Communications</i> , 2018, 9, 1157.	5.8	65
15	Quantum computing at the frontiers of biological sciences. <i>Nature Methods</i> , 2021, 18, 701-709.	9.0	64
16	Topographic organization of macaque area LIP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4728-4733.	3.3	62
17	Why Psychiatry Needs Data Science and Data Science Needs Psychiatry. <i>JAMA Psychiatry</i> , 2016, 73, 3.	6.0	62
18	Large-Scale Functional Brain Network Architecture Changes Associated With Trauma-Related Dissociation. <i>American Journal of Psychiatry</i> , 2021, 178, 165-173.	4.0	57

#	ARTICLE	IF	CITATIONS
19	Spatial Memory Following Shifts of Gaze. I. Saccades to Memorized World-Fixed and Gaze-Fixed Targets. <i>Journal of Neurophysiology</i> , 2003, 89, 2564-2576.	0.9	57
20	Gray matter volume in schizophrenia and bipolar disorder with psychotic features. <i>Schizophrenia Research</i> , 2012, 138, 177-182.	1.1	54
21	Methodology and Reporting of Mobile Health and Smartphone Application Studies for Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2017, 25, 146-154.	0.9	53
22	An Examination of Rostral Anterior Cingulate Cortex Function and Neurochemistry in Obsessive-Compulsive Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1866-1876.	2.8	45
23	Reproducibility of Cognitive Profiles in Psychosis Using Cluster Analysis. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 382-390.	1.2	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. <i>Biological Psychiatry</i> , 2021, 89, 308-319.	0.7	42
25	Digital devices and continuous telemetry: opportunities for aligning psychiatry and neuroscience. <i>Neuropsychopharmacology</i> , 2018, 43, 2499-2503.	2.8	36
26	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. <i>Biological Psychiatry</i> , 2020, 88, e5-e10.	0.7	36
27	Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 438-448.	1.1	35
28	Use of an Individual-Level Approach to Identify Cortical Connectivity Biomarkers in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 27-38.	1.1	32
29	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> , 2020, 14, 569973.	1.0	26
30	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. <i>Brain and Behavior</i> , 2022, 12, e2413.	1.0	25
31	<scp>M</scp>c<scp>L</scp>ean <scp>O</scp>n<scp>T</scp>rack: a transdiagnostic program for early intervention in first-episode psychosis. <i>Microbial Biotechnology</i> , 2017, 11, 83-90.	0.9	24
32	Using Smartphone Apps to Promote Psychiatric Rehabilitation in a Peer-Led Community Support Program: Pilot Study. <i>JMIR Mental Health</i> , 2018, 5, e10092.	1.7	23
33	Functional connectivity in distinct cognitive subtypes in psychosis. <i>Schizophrenia Research</i> , 2019, 204, 120-126.	1.1	22
34	Determining sample size and length of follow-up for smartphone-based digital phenotyping studies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1844-1849.	2.2	21
35	Nicotine Increases Activation to Anticipatory Valence Cues in Anterior Insula and Striatum. <i>Nicotine and Tobacco Research</i> , 2018, 20, 851-858.	1.4	20
36	Sociodemographic characteristics of missing data in digital phenotyping. <i>Scientific Reports</i> , 2021, 11, 15408.	1.6	19

#	ARTICLE	IF	CITATIONS
37	The relationship between conventional clinical assessments and momentary assessments of symptoms and functioning in schizophrenia spectrum disorders: A systematic review. <i>Schizophrenia Research</i> , 2021, 232, 11-27.	1.1	12
38	An Ethics Checklist for Digital Health Research in Psychiatry: Viewpoint. <i>Journal of Medical Internet Research</i> , 2022, 24, e31146.	2.1	12
39	Open-source Longitudinal Sleep Analysis From Accelerometer Data (DPSleep): Algorithm Development and Validation. <i>JMIR MHealth and UHealth</i> , 2021, 9, e29849.	1.8	11
40	Nicotine-induced activation of caudate and anterior cingulate cortex in response to errors in schizophrenia. <i>Psychopharmacology</i> , 2018, 235, 789-802.	1.5	10
41	Quantitative systems pharmacology in neuroscience: Novel methodologies and technologies. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 412-419.	1.3	10
42	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. <i>Frontiers in Psychiatry</i> , 2021, 12, 706655.	1.3	9
43	Toward Expert Systems in Mental Health Assessment: A Computational Approach to the Face and Voice in Dyadic Patient-Doctor Interactions. <i>Iproceedings</i> , 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. <i>Psychiatric Services</i> , 2018, 69, 590-592.	1.1	8
46	Digital Phenotyping for the Busy Psychiatrist: Clinical Implications and Relevance. <i>Psychiatric Annals</i> , 2019, 49, 196-201.	0.1	8
47	Fluctuations in behavior and affect in college students measured using deep phenotyping. <i>Scientific Reports</i> , 2022, 12, 1932.	1.6	8
48	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> , 2020, 11, 215145932091532.	0.6	6
49	Computational analysis of spoken language in acute psychosis and mania. <i>Schizophrenia Research</i> , 2022, 245, 97-115.	1.1	6
50	Mobile footprinting: linking individual distinctiveness in mobility patterns to mood, sleep, and brain functional connectivity. <i>Neuropsychopharmacology</i> , 2022, 47, 1662-1671.	2.8	6
51	Auditory hallucinations across the psychosis spectrum: Evidence of dysconnectivity involving cerebellar and temporal lobe regions. <i>NeuroImage: Clinical</i> , 2021, 32, 102893.	1.4	4
52	Curriculum Overhaul in Psychiatric Residency: An Innovative Approach to Revising the Didactic Lecture Series. <i>Academic Psychiatry</i> , 2018, 42, 258-261.	0.4	3
53	Toward Objective, Multifaceted Characterization of Psychotic Disorders. , 2018, , .		3
54	Behavior as Physiology: How Dynamical-Systems Theory Could Advance Psychiatry. <i>American Journal of Psychiatry</i> , 2021, 178, 791-792.	4.0	3

#	ARTICLE	IF	CITATIONS
55	The Digital Future of Psychiatry. <i>Psychiatric Annals</i> , 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. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.1	2
57	Will Neuroimaging Produce a Clinical Tool for Psychiatry?. <i>Psychiatric Annals</i> , 2019, 49, 209-214.	0.1	1
58	Uncovering Relationships Between Mood, Movement, and Neural Activity via Dense Longitudinal Data From an Obsessive-Compulsive Disorder Patient Undergoing Deep Brain Stimulation. <i>Biological Psychiatry</i> , 2020, 87, S459.	0.7	0
59	Loneliness of Schizophrenia and Bipolar Disorder Patients in a Multi-Year mHealth Study. <i>Biological Psychiatry</i> , 2021, 89, S222.	0.7	0
60	P633. Objective Index of Sleep Fragmentation Correlates With Smaller Hippocampi in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2022, 91, S345-S346.	0.7	0
61	P282. Precision Psychiatry on Adult Inpatient Psychiatric Units: Utilizing Patient Reported Measures and Actigraphy Data to Characterize Patient Symptomology and Outcomes. <i>Biological Psychiatry</i> , 2022, 91, S201-S202.	0.7	0
62	P526. Toward an Understanding of the Functional Connectomics of Affective and Psychotic Illness. <i>Biological Psychiatry</i> , 2022, 91, S301-S302.	0.7	0