

Simon N Vandekar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5964511/publications.pdf>

Version: 2024-02-01

61
papers

3,524
citations

304743

22
h-index

175258

52
g-index

68
all docs

68
docs citations

68
times ranked

5017
citing authors

#	ARTICLE	IF	CITATIONS
1	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018, 178, 540-551.	4.2	441
2	Linked dimensions of psychopathology and connectivity in functional brain networks. <i>Nature Communications</i> , 2018, 9, 3003.	12.8	323
3	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. <i>Current Biology</i> , 2017, 27, 1561-1572.e8.	3.9	305
4	Linked Sex Differences in Cognition and Functional Connectivity in Youth. <i>Cerebral Cortex</i> , 2015, 25, 2383-2394.	2.9	302
5	The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. <i>NeuroImage</i> , 2016, 125, 903-919.	4.2	202
6	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018, 360, 1222-1227.	12.6	194
7	Common and Dissociable Mechanisms of Executive System Dysfunction Across Psychiatric Disorders in Youth. <i>American Journal of Psychiatry</i> , 2016, 173, 517-526.	7.2	191
8	Impact of puberty on the evolution of cerebral perfusion during adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8643-8648.	7.1	169
9	Common Dimensional Reward Deficits Across Mood and Psychotic Disorders: A Connectome-Wide Association Study. <i>American Journal of Psychiatry</i> , 2017, 174, 657-666.	7.2	147
10	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. <i>Cell</i> , 2021, 184, 6262-6280.e26.	28.9	125
11	Structural Brain Abnormalities in Youth With Psychosis Spectrum Symptoms. <i>JAMA Psychiatry</i> , 2016, 73, 515.	11.0	116
12	Topologically Dissociable Patterns of Development of the Human Cerebral Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 599-609.	3.6	103
13	Sex Differences in the Effect of Puberty on Hippocampal Morphology. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 341-350.e1.	0.5	83
14	Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. <i>Biological Psychiatry</i> , 2016, 80, 775-785.	1.3	82
15	True and phantom recollection: An fMRI investigation of similar and distinct neural correlates and connectivity. <i>NeuroImage</i> , 2012, 59, 2982-2993.	4.2	72
16	Hyperactivity and Reduced Activation of Anterior Hippocampus in Early Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 1030-1038.	7.2	65
17	Aberrant Cortical Morphometry in the 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2015, 78, 135-143.	1.3	61
18	Longitudinal Development of Brain Iron Is Linked to Cognition in Youth. <i>Journal of Neuroscience</i> , 2020, 40, 1810-1818.	3.6	60

#	ARTICLE	IF	CITATIONS
19	MIMoSA: An Automated Method for Intermodal Segmentation Analysis of Multiple Sclerosis Brain Lesions. <i>Journal of Neuroimaging</i> , 2018, 28, 389-398.	2.0	44
20	Heritability of Subcortical and Limbic Brain Volume and Shape in Multiplex-Multigenerational Families with Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 137-146.	1.3	42
21	A Robust Effect Size Index. <i>Psychometrika</i> , 2020, 85, 232-246.	2.1	31
22	Pubertal Timing During Early Adolescence: Advanced Pubertal Onset in Females with Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 2202-2215.	3.8	28
23	Treatment Effects in Social Cognition and Behavior following a Theater-based Intervention for Youth with Autism. <i>Developmental Neuropsychology</i> , 2019, 44, 481-494.	1.4	25
24	Sex differences in estimated brain metabolism in relation to body growth through adolescence. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 524-535.	4.3	25
25	Imaging local genetic influences on cortical folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7430-7436.	7.1	24
26	Subject-level measurement of local cortical coupling. <i>NeuroImage</i> , 2016, 133, 88-97.	4.2	23
27	White matter microstructural deficits in 22q11.2 deletion syndrome. <i>Psychiatry Research - Neuroimaging</i> , 2017, 268, 35-44.	1.8	17
28	A dual modeling approach to automatic segmentation of cerebral T2 hyperintensities and T1 black holes in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2018, 20, 1211-1221.	2.7	16
29	Incomplete hippocampal inversion in schizophrenia: prevalence, severity, and impact on hippocampal structure. <i>Molecular Psychiatry</i> , 2021, 26, 5407-5416.	7.9	16
30	A simple permutation-based test of intermodal correspondence. <i>Human Brain Mapping</i> , 2021, 42, 5175-5187.	3.6	16
31	Quantifying and correcting slide-to-slide variation in multiplexed immunofluorescence images. <i>Bioinformatics</i> , 2022, 38, 1700-1707.	4.1	16
32	Relational Memory in the Early Stage of Psychosis: A 2-Year Follow-up Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 75-86.	4.3	12
33	Developmental effects in physiological stress in early adolescents with and without autism spectrum disorder. <i>Psychoneuroendocrinology</i> , 2021, 125, 105115.	2.7	12
34	Characterizing effects of age, sex and psychosis symptoms on thalamocortical functional connectivity in youth. <i>NeuroImage</i> , 2021, 243, 118562.	4.2	12
35	Evidence for decreased parasympathetic response to a novel peer interaction in older children with autism spectrum disorder: a case-control study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 6.	3.1	12
36	Advanced Age Is Associated With Catatonia in Critical Illness: Results From the Delirium and Catatonia Prospective Cohort Investigation. <i>Frontiers in Psychiatry</i> , 2021, 12, 673166.	2.6	12

#	ARTICLE	IF	CITATIONS
37	Faster family-wise error control for neuroimaging with a parametric bootstrap. <i>Biostatistics</i> , 2018, 19, 497-513.	1.5	8
38	Temporal and Genotypic Associations of Sporadic Norovirus Gastroenteritis and Reported Norovirus Outbreaks in Middle Tennessee, 2012–2016. <i>Clinical Infectious Diseases</i> , 2020, 71, 2398-2404.	5.8	8
39	Improving the replicability of neuroimaging findings by thresholding effect sizes instead of p values. <i>Human Brain Mapping</i> , 2021, 42, 2393-2398.	3.6	8
40	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.5	8
41	Robust Spatial Extent Inference With a Semiparametric Bootstrap Joint Inference Procedure. <i>Biometrics</i> , 2019, 75, 1145-1155.	1.4	7
42	Fully Bayesian Spectral Methods for Imaging Data. <i>Biometrics</i> , 2018, 74, 645-652.	1.4	6
43	Habituation during encoding: A new approach to the evaluation of memory deficits in schizophrenia. <i>Schizophrenia Research</i> , 2020, 223, 179-185.	2.0	6
44	Epidemiological Trends of Racial Differences in Early- and Late-onset Group B <i>Streptococcus</i> Disease in Tennessee. <i>Clinical Infectious Diseases</i> , 2021, 73, e3634-e3640.	5.8	6
45	Visual exploration differences during relational memory encoding in early psychosis. <i>Psychiatry Research</i> , 2020, 287, 112910.	3.3	5
46	Voxel-wise intermodal coupling analysis of two or more modalities using local covariance decomposition. <i>Human Brain Mapping</i> , 2022, 43, 4650-4663.	3.6	4
47	Anterior hippocampal dysfunction in early psychosis: a 2-year follow-up study. <i>Psychological Medicine</i> , 2023, 53, 160-169.	4.5	3
48	Influenza clinical testing and oseltamivir treatment in hospitalized children with acute respiratory illness, 2015–2016. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 289-297.	3.4	3
49	Increased amplitude of hippocampal low frequency fluctuations in early psychosis: A two-year follow-up study. <i>Schizophrenia Research</i> , 2022, 241, 260-266.	2.0	3
50	Electronic Delivery of Pain Education for Chronic Overlapping Pain Conditions: A Prospective Cohort Study. <i>Pain Medicine</i> , 2021, 22, 2252-2262.	1.9	2
51	Child and Adolescent Psychiatry Fellowship Program Participation in the National Resident Matching Program Match: Trends and Implications for Recruitment. <i>Academic Psychiatry</i> , 2021, , .	0.9	2
52	mxnorm: An R Package to Normalize Multiplexed Imaging Data. <i>Journal of Open Source Software</i> , 2022, 7, 4180.	4.6	2
53	Two Methodologies in Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disorders and Unipolar Depression That Can Produce False-Positive Results and Some Statistical Recommendations. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 409-410.	1.5	1
54	Diagnostic and Physical Effects in Parasympathetic Response to Social Evaluation in Youth With and Without Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 3427-3442.	2.7	1

#	ARTICLE	IF	CITATIONS
55	Changing characteristics of physicians referred for fitness-for-duty evaluation. <i>General Hospital Psychiatry</i> , 2022, 77, 128-129.	2.4	1
56	942. Significant Overlap between Brain Maps Determined via Spatial Permutation. <i>Biological Psychiatry</i> , 2017, 81, S381.	1.3	0
57	33. Discovering Linked Dimensions of Psychopathology and Functional Connectivity. <i>Biological Psychiatry</i> , 2018, 83, S13-S14.	1.3	0
58	3217 Catatonia, Delirium and Coma: Implications for Mortality. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 37-37.	0.6	0
59	Leveraging aggression risk gene expression in the developing and adult human brain to guide future precision interventions. <i>Molecular Psychiatry</i> , 2020, 26, 2680-2682.	7.9	0
60	P497. Using Analysis of Effect Size (ANOES) to Study Relational Memory in Schizophrenia and Early Psychosis. <i>Biological Psychiatry</i> , 2022, 91, S289.	1.3	0
61	P415. Characterizing Age Effects of Thalamic Nuclei Volumes Across the Lifespan. <i>Biological Psychiatry</i> , 2022, 91, S255.	1.3	0