

Michael P Harms

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

9,801
citations

87888

38
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

10579
citing authors

#	ARTICLE	IF	CITATIONS
1	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	4.2	1,367
2	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 43-54.	4.0	1,282
3	Function in the human connectome: Task-fMRI and individual differences in behavior. <i>NeuroImage</i> , 2013, 80, 169-189.	4.2	1,259
4	The Human Connectome Project's neuroimaging approach. <i>Nature Neuroscience</i> , 2016, 19, 1175-1187.	14.8	825
5	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
6	MSM: A new flexible framework for Multimodal Surface Matching. <i>NeuroImage</i> , 2014, 100, 414-426.	4.2	532
7	Human Connectome Project informatics: Quality control, database services, and data visualization. <i>NeuroImage</i> , 2013, 80, 202-219.	4.2	356
8	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , 2018, 183, 972-984.	4.2	290
9	Evaluation of Denoising Strategies to Address Motion-Related Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. <i>Brain Connectivity</i> , 2016, 6, 669-680.	1.7	226
10	Using temporal ICA to selectively remove global noise while preserving global signal in functional MRI data. <i>NeuroImage</i> , 2018, 181, 692-717.	4.2	223
11	The Lifespan Human Connectome Project in Aging: An overview. <i>NeuroImage</i> , 2019, 185, 335-348.	4.2	186
12	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5-21 year olds. <i>NeuroImage</i> , 2018, 183, 456-468.	4.2	184
13	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. <i>Neuropsychologia</i> , 2015, 73, 82-93.	1.6	160
14	Stress-System Genes and Life Stress Predict Cortisol Levels and Amygdala and Hippocampal Volumes in Children. <i>Neuropsychopharmacology</i> , 2014, 39, 1245-1253.	5.4	157
15	Anterior thalamic radiation integrity in schizophrenia: A diffusion-tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 144-150.	1.8	146
16	Preschool is a sensitive period for the influence of maternal support on the trajectory of hippocampal development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5742-5747.	7.1	121
17	Temperament and character as schizophrenia-related endophenotypes in non-psychotic siblings. <i>Schizophrenia Research</i> , 2008, 104, 198-205.	2.0	113
18	Amygdala functional connectivity, HPA axis genetic variation, and life stress in children and relations to anxiety and emotion regulation.. <i>Journal of Abnormal Psychology</i> , 2015, 124, 817-833.	1.9	110

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19	Effect of Hippocampal and Amygdala Connectivity on the Relationship Between Preschool Poverty and School-Age Depression. <i>American Journal of Psychiatry</i> , 2016, 173, 625-634.	7.2	107
20	Functional and Neuroanatomic Specificity of Episodic Memory Dysfunction in Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 909.	11.0	104
21	Thalamic Shape Abnormalities in Individuals with Schizophrenia and Their Nonpsychotic Siblings. <i>Journal of Neuroscience</i> , 2007, 27, 13835-13842.	3.6	98
22	Progressive Deformation of Deep Brain Nuclei and Hippocampal-Amygdala Formation in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 64, 1060-1068.	1.3	86
23	Early Childhood Depression and Alterations in the Trajectory of Gray Matter Maturation in Middle Childhood and Early Adolescence. <i>JAMA Psychiatry</i> , 2016, 73, 31.	11.0	80
24	ConnectomeDB—Sharing human brain connectivity data. <i>NeuroImage</i> , 2016, 124, 1102-1107.	4.2	80
25	Early childhood depression, emotion regulation, episodic memory, and hippocampal development.. <i>Journal of Abnormal Psychology</i> , 2019, 128, 81-95.	1.9	78
26	Structural abnormalities in gyri of the prefrontal cortex in individuals with schizophrenia and their unaffected siblings. <i>British Journal of Psychiatry</i> , 2010, 196, 150-157.	2.8	72
27	Basal Ganglia Shape Abnormalities in the Unaffected Siblings of Schizophrenia Patients. <i>Biological Psychiatry</i> , 2008, 64, 111-120.	1.3	66
28	Effects of Davunetide on N-acetylaspartate and Choline in Dorsolateral Prefrontal Cortex in Patients with Schizophrenia. <i>Neuropsychopharmacology</i> , 2013, 38, 1245-1252.	5.4	60
29	Short-Term Sound Temporal Envelope Characteristics Determine Multisecond Time Patterns of Activity in Human Auditory Cortex as Shown by fMRI. <i>Journal of Neurophysiology</i> , 2005, 93, 210-222.	1.8	57
30	Cingulate gyrus neuroanatomy in schizophrenia subjects and their non-psychotic siblings. <i>Schizophrenia Research</i> , 2008, 104, 61-70.	2.0	54
31	Detection and quantification of a wide range of fMRI temporal responses using a physiologically-motivated basis set. <i>Human Brain Mapping</i> , 2003, 20, 168-183.	3.6	52
32	Medial temporal lobe structure and cognition in individuals with schizophrenia and in their non-psychotic siblings. <i>Schizophrenia Research</i> , 2012, 138, 128-135.	2.0	52
33	Neuroanatomical asymmetry patterns in individuals with schizophrenia and their non-psychotic siblings. <i>NeuroImage</i> , 2009, 47, 1221-1229.	4.2	50
34	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	14.8	48
35	Decomposition of brain diffusion imaging data uncovers latent schizophrenias with distinct patterns of white matter anisotropy. <i>NeuroImage</i> , 2015, 120, 43-54.	4.2	44
36	Structure–function relationship of working memory activity with hippocampal and prefrontal cortex volumes. <i>Brain Structure and Function</i> , 2013, 218, 173-186.	2.3	43

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37	Hippocampal Shape and Volume Changes with Antipsychotics in Early Stage Psychotic Illness. <i>Frontiers in Psychiatry</i> , 2012, 3, 96.	2.6	42
38	HPA axis genetic variation, pubertal status, and sex interact to predict amygdala and hippocampus responses to negative emotional faces in school-age children. <i>NeuroImage</i> , 2015, 109, 1-11.	4.2	42
39	Classification of temporal ICA components for separating global noise from fMRI data: Reply to Power. <i>NeuroImage</i> , 2019, 197, 435-438.	4.2	40
40	Altered Gray Matter Volume and School Age Anxiety in Children Born Late Preterm. <i>Journal of Pediatrics</i> , 2014, 165, 928-935.	1.8	39
41	Cortical contributions to impaired contour integration in schizophrenia. <i>Neuropsychologia</i> , 2015, 75, 469-480.	1.6	39
42	Evidence for Accelerated Decline of Functional Brain Network Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 753-761.	4.3	39
43	Anterior Insula Volume and Guilt. <i>JAMA Psychiatry</i> , 2015, 72, 40.	11.0	38
44	Perceived stress is associated with increased rostral middle frontal gyrus cortical thickness: a family-based and discordant sibling investigation. <i>Genes, Brain and Behavior</i> , 2017, 16, 781-789.	2.2	38
45	Cingulo-opercular Network Efficiency Mediates the Association Between Psychotic-like Experiences and Cognitive Ability in the General Population. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 498-506.	1.5	36
46	Distinct abnormalities of the primate prefrontal cortex caused by ionizing radiation in early or midgestation. <i>Journal of Comparative Neurology</i> , 2013, 521, 1040-1053.	1.6	32
47	Test-retest reliability of fMRI-measured brain activity during decision making under risk. <i>NeuroImage</i> , 2020, 214, 116759.	4.2	24
48	Effects of Age, Sex, and Independent Life Events on Amygdala and Nucleus Accumbens Volumes in Child Bipolar I Disorder. <i>Biological Psychiatry</i> , 2009, 65, 432-437.	1.3	23
49	Donepezil Treatment and Changes in Hippocampal Structure in Very Mild Alzheimer Disease. <i>Archives of Neurology</i> , 2010, 67, 99-106.	4.5	23
50	Sexual dimorphism of the cerebellar vermis in schizophrenia. <i>Schizophrenia Research</i> , 2016, 176, 164-170.	2.0	18
51	Fractional anisotropy in individuals with schizophrenia and their nonpsychotic siblings. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 87-91.	1.8	10
52	Task-related fMRI responses to a nicotinic acetylcholine receptor partial agonist in schizophrenia: A randomized trial. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 66-75.	4.8	8