Michael P Harms

List of Publications by Year
in descending order

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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	Baseline brain function in the preadolescents of the ABCD Study. Nature Neuroscience, 2021, 24, 1176-1186.	14.8	48
2	Test-retest reliability of fMRI-measured brain activity during decision making under risk. NeuroImage, 2020, 214, 116759.	4.2	24
3	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	4.2	539
4	Classification of temporal ICA components for separating global noise from fMRI data: Reply to Power. NeuroImage, 2019, 197, 435-438.	4.2	40
5	The Lifespan Human Connectome Project in Aging: An overview. NeuroImage, 2019, 185, 335-348.	4.2	186
6	Early childhood depression, emotion regulation, episodic memory, and hippocampal development.. Journal of Abnormal Psychology, 2019, 128, 81-95.	1.9	78
7	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. Developmental Cognitive Neuroscience, 2018, 32, 43-54.	4.0	1,282
8	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. NeuroImage, 2018, 183, 972-984.	4.2	290
9	Using temporal ICA to selectively remove global noise while preserving global signal in functional MRI data. NeuroImage, 2018, 181, 692-717.	4.2	223
10	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5â€“21 year olds. NeuroImage, 2018, 183, 456-468.	4.2	184
11	Perceived stress is associated with increased rostral middle frontal gyrus cortical thickness: a familyâ€based and discordantâ€sibling investigation. Genes, Brain and Behavior, 2017, 16, 781-789.	2.2	38
12	Task-related fMRI responses to a nicotinic acetylcholine receptor partial agonist in schizophrenia: A randomized trial. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 71, 66-75.	4.8	8
13	Cingulo-opercular Network Efficiency Mediates the Association Between Psychotic-like Experiences and Cognitive Ability in the General Population. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 498-506.	1.5	36
14	Preschool is a sensitive period for the influence of maternal support on the trajectory of hippocampal development. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5742-5747.	7.1	121
15	The Human Connectome Project's neuroimaging approach. Nature Neuroscience, 2016, 19, 1175-1187.	14.8	825
16	Evaluation of Denoising Strategies to Address Motion-Correlated Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. Brain Connectivity, 2016, 6, 669-680.	1.7	226
17	Sexual dimorphism of the cerebellar vermis in schizophrenia. Schizophrenia Research, 2016, 176, 164-170.	2.0	18
18	Effect of Hippocampal and Amygdala Connectivity on the Relationship Between Preschool Poverty and School-Age Depression. American Journal of Psychiatry, 2016, 173, 625-634.	7.2	107

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19	Early Childhood Depression and Alterations in the Trajectory of Gray Matter Maturation in Middle Childhood and Early Adolescence. JAMA Psychiatry, 2016, 73, 31.	11.0	80
20	Evidence for Accelerated Decline of Functional Brain Network Efficiency in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 753-761.	4.3	39
21	ConnectomeDBâ€"Sharing human brain connectivity data. NeuroImage, 2016, 124, 1102-1107.	4.2	80
22	Amygdala functional connectivity, HPA axis genetic variation, and life stress in children and relations to anxiety and emotion regulation.. Journal of Abnormal Psychology, 2015, 124, 817-833.	1.9	110
23	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. Neuropsychologia, 2015, 73, 82-93.	1.6	160
24	HPA axis genetic variation, pubertal status, and sex interact to predict amygdala and hippocampus responses to negative emotional faces in school-age children. NeuroImage, 2015, 109, 1-11.	4.2	42
25	Cortical contributions to impaired contour integration in schizophrenia. Neuropsychologia, 2015, 75, 469-480.	1.6	39
26	Decomposition of brain diffusion imaging data uncovers latent schizophrenias with distinct patterns of white matter anisotropy. NeuroImage, 2015, 120, 43-54.	4.2	44
27	Functional and Neuroanatomic Specificity of Episodic Memory Dysfunction in Schizophrenia. JAMA Psychiatry, 2015, 72, 909.	11.0	104
28	Anterior Insula Volume and Guilt. JAMA Psychiatry, 2015, 72, 40.	11.0	38
29	Fractional anisotropy in individuals with schizophrenia and their nonpsychotic siblings. Psychiatry Research - Neuroimaging, 2015, 231, 87-91.	1.8	10
30	Stress-System Genes and Life Stress Predict Cortisol Levels and Amygdala and Hippocampal Volumes in Children. Neuropsychopharmacology, 2014, 39, 1245-1253.	5.4	157
31	Altered Gray Matter Volume and School Age Anxiety in Children Born Late Preterm. Journal of Pediatrics, 2014, 165, 928-935.	1.8	39
32	MSM: A new flexible framework for Multimodal Surface Matching. NeuroImage, 2014, 100, 414-426.	4.2	532
33	Human Connectome Project informatics: Quality control, database services, and data visualization. NeuroImage, 2013, 80, 202-219.	4.2	356
34	Function in the human connectome: Task-fMRI and individual differences in behavior. NeuroImage, 2013, 80, 169-189.	4.2	1,259
35	Structureâ€"function relationship of working memory activity with hippocampal and prefrontal cortex volumes. Brain Structure and Function, 2013, 218, 173-186.	2.3	43
36	Resting-state fMRI in the Human Connectome Project. NeuroImage, 2013, 80, 144-168.	4.2	1,367

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37	Effects of Davunetide on N-acetylaspartate and Choline in Dorsolateral Prefrontal Cortex in Patients with Schizophrenia. Neuropsychopharmacology, 2013, 38, 1245-1252.	5.4	60
38	Distinct abnormalities of the primate prefrontal cortex caused by ionizing radiation in early or midgestation. Journal of Comparative Neurology, 2013, 521, 1040-1053.	1.6	32
39	Medial temporal lobe structure and cognition in individuals with schizophrenia and in their non-psychotic siblings. Schizophrenia Research, 2012, 138, 128-135.	2.0	52
40	Hippocampal Shape and Volume Changes with Antipsychotics in Early Stage Psychotic Illness. Frontiers in Psychiatry, 2012, 3, 96.	2.6	42
41	Structural abnormalities in gyri of the prefrontal cortex in individuals with schizophrenia and their unaffected siblings. British Journal of Psychiatry, 2010, 196, 150-157.	2.8	72
42	Donepezil Treatment and Changes in Hippocampal Structure in Very Mild Alzheimer Disease. Archives of Neurology, 2010, 67, 99-106.	4.5	23
43	Anterior thalamic radiation integrity in schizophrenia: A diffusion-tensor imaging study. Psychiatry Research - Neuroimaging, 2010, 183, 144-150.	1.8	146
44	Effects of Age, Sex, and Independent Life Events on Amygdala and Nucleus Accumbens Volumes in Child Bipolar I Disorder. Biological Psychiatry, 2009, 65, 432-437.	1.3	23
45	Neuroanatomical asymmetry patterns in individuals with schizophrenia and their non-psychotic siblings. NeuroImage, 2009, 47, 1221-1229.	4.2	50
46	Cingulate gyrus neuroanatomy in schizophrenia subjects and their non-psychotic siblings. Schizophrenia Research, 2008, 104, 61-70.	2.0	54
47	Temperament and character as schizophrenia-related endophenotypes in non-psychotic siblings. Schizophrenia Research, 2008, 104, 198-205.	2.0	113
48	Basal Ganglia Shape Abnormalities in the Unaffected Siblings of Schizophrenia Patients. Biological Psychiatry, 2008, 64, 111-120.	1.3	66
49	Progressive Deformation of Deep Brain Nuclei and Hippocampal-Amygdala Formation in Schizophrenia. Biological Psychiatry, 2008, 64, 1060-1068.	1.3	86
50	Thalamic Shape Abnormalities in Individuals with Schizophrenia and Their Nonpsychotic Siblings. Journal of Neuroscience, 2007, 27, 13835-13842.	3.6	98
51	Short-Term Sound Temporal Envelope Characteristics Determine Multisecond Time Patterns of Activity in Human Auditory Cortex as Shown by fMRI. Journal of Neurophysiology, 2005, 93, 210-222.	1.8	57
52	Detection and quantification of a wide range of fMRI temporal responses using a physiologically-motivated basis set. Human Brain Mapping, 2003, 20, 168-183.	3.6	52