

Felix Hoffstaedter

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,696
citations

201674

27
h-index

161849

54
g-index

75
all docs

75
docs citations

75
times ranked

6196
citing authors

#	ARTICLE	IF	CITATIONS
1	Tract-specific statistics based on diffusion-weighted probabilistic tractography. <i>Communications Biology</i> , 2022, 5, 138.	4.4	1
2	FAIRly big: A framework for computationally reproducible processing of large-scale data. <i>Scientific Data</i> , 2022, 9, 80.	5.3	13
3	Neural correlates of affective control regions induced by common therapeutic strategies in major depressive disorders: an Activation Likelihood Estimation meta-analysis study. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, , 104643.	6.1	5
4	The inferior frontal sulcus: Cortical segregation, molecular architecture and function. <i>Cortex</i> , 2022, 153, 235-256.	2.4	9
5	Evaluation of thresholding methods for activation likelihood estimation meta-analysis via large-scale simulations. <i>Human Brain Mapping</i> , 2022, 43, 3987-3997.	3.6	4
6	The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1716-1752.	2.3	18
7	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.	1.3	42
8	Neurobiological substrates of the positive formal thought disorder in schizophrenia revealed by seed connectome-based predictive modeling. <i>NeuroImage: Clinical</i> , 2021, 30, 102666.	2.7	13
9	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021, 11, 192.	4.8	4
10	A Connectivity-Based Psychometric Prediction Framework for Brain-Behavior Relationship Studies. <i>Cerebral Cortex</i> , 2021, 31, 3732-3751.	2.9	11
11	Within- and across-network alterations of the sensorimotor network in Parkinson's disease. <i>Neuroradiology</i> , 2021, 63, 2073-2085.	2.2	39
12	Functional parcellation of human and macaque striatum reveals human-specific connectivity in the dorsal caudate. <i>NeuroImage</i> , 2021, 235, 118006.	4.2	29
13	Inter-subject and inter-parcellation variability of resting-state whole-brain dynamical modeling. <i>NeuroImage</i> , 2021, 236, 118201.	4.2	21
14	Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. <i>Biological Psychiatry</i> , 2020, 87, 282-293.	1.3	68
15	Sex Classification by Resting State Brain Connectivity. <i>Cerebral Cortex</i> , 2020, 30, 824-835.	2.9	115
16	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. <i>NeuroImage: Clinical</i> , 2020, 25, 102114.	2.7	17
17	Evolving complex yet interpretable representations: application to Alzheimer's diagnosis and prognosis. , 2020, , .		6
18	Age differences in predicting working memory performance from network-based functional connectivity. <i>Cortex</i> , 2020, 132, 441-459.	2.4	20

#	ARTICLE	IF	CITATIONS
19	Joint Multi-modal Parcellation of the Human Striatum: Functions and Clinical Relevance. <i>Neuroscience Bulletin</i> , 2020, 36, 1123-1136.	2.9	14
20	Hippocampus co-atrophy pattern in dementia deviates from covariance patterns across the lifespan. <i>Brain</i> , 2020, 143, 2788-2802.	7.6	13
21	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	27.8	634
22	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020, 220, 117067.	4.2	24
23	Influence of Processing Pipeline on Cortical Thickness Measurement. <i>Cerebral Cortex</i> , 2020, 30, 5014-5027.	2.9	41
24	Functional network reorganization in older adults: Graph-theoretical analyses of age, cognition and sex. <i>NeuroImage</i> , 2020, 214, 116756.	4.2	76
25	CBPtools: a Python package for regional connectivity-based parcellation. <i>Brain Structure and Function</i> , 2020, 225, 1261-1275.	2.3	9
26	Effects of exogenous testosterone application on network connectivity within emotion regulation systems. <i>Scientific Reports</i> , 2020, 10, 2352.	3.3	27
27	Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020, 11, 18.	2.4	12
28	The interrelation of sleep and mental and physical health is anchored in grey-matter neuroanatomy and under genetic control. <i>Communications Biology</i> , 2020, 3, 171.	4.4	24
29	Characterizing the gradients of structural covariance in the human hippocampus. <i>NeuroImage</i> , 2020, 218, 116972.	4.2	23
30	Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. <i>ELife</i> , 2020, 9, .	6.0	20
31	Human Pregenual Anterior Cingulate Cortex: Structural, Functional, and Connectional Heterogeneity. <i>Cerebral Cortex</i> , 2019, 29, 2552-2574.	2.9	64
32	Machine-learning identifies Parkinson's disease patients based on resting-state between-network functional connectivity. <i>British Journal of Radiology</i> , 2019, 92, 20180886.	2.2	34
33	Multimodal Parcellations and Extensive Behavioral Profiling Tackling the Hippocampus Gradient. <i>Cerebral Cortex</i> , 2019, 29, 4595-4612.	2.9	82
34	Functional Connectivity Changes of Key Regions for Motor Initiation in Parkinson's Disease. <i>Cerebral Cortex</i> , 2019, 29, 383-396.	2.9	17
35	Empirical examination of the replicability of associations between brain structure and psychological variables. <i>ELife</i> , 2019, 8, .	6.0	115
36	Evaluation of non-negative matrix factorization of grey matter in age prediction. <i>NeuroImage</i> , 2018, 173, 394-410.	4.2	99

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37	Towards a human self-regulation system: Common and distinct neural signatures of emotional and behavioural control. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 400-410.	6.1	123
38	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. <i>NeuroImage</i> , 2018, 170, 400-411.	4.2	63
39	Imaging the upâ€™s and downâ€™s of emotion regulation in lifetime depression. <i>Brain Imaging and Behavior</i> , 2018, 12, 156-167.	2.1	13
40	What Can Computational Models Contribute to Neuroimaging Data Analytics?. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 68.	2.5	23
41	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017, 27, bhw065.	2.9	66
42	A seed-based cross-modal comparison of brain connectivity measures. <i>Brain Structure and Function</i> , 2017, 222, 1131-1151.	2.3	24
43	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. <i>Cortex</i> , 2017, 89, 28-44.	2.4	53
44	Searching for behavior relating to grey matter volume in a-priori defined right dorsal premotor regions: Lessons learned. <i>NeuroImage</i> , 2017, 157, 144-156.	4.2	18
45	Restingâ€™state network dysfunction in Alzheimer's disease: A systematic review and metaâ€™analysis. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 73-85.	2.4	288
46	On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivityâ€™based singleâ€™subject classification. <i>Human Brain Mapping</i> , 2017, 38, 5845-5858.	3.6	35
47	Neural correlates of formal thought disorder: An activation likelihood estimation metaâ€™analysis. <i>Human Brain Mapping</i> , 2017, 38, 4946-4965.	3.6	48
48	Resting-state testâ€™retest reliability of a priori defined canonical networks over different preprocessing steps. <i>Brain Structure and Function</i> , 2017, 222, 1447-1468.	2.3	30
49	Differential Functional Connectivity Alterations of Two Subdivisions within the Right dlPFC in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 288.	2.0	18
50	Fronto-temporal interactions are functionally relevant for semantic control in language processing. <i>PLoS ONE</i> , 2017, 12, e0177753.	2.5	8
51	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. <i>Human Brain Mapping</i> , 2016, 37, 2931-2942.	3.6	16
52	Functional Connectivity Differences of the Subthalamic Nucleus Related to Parkinson's Disease. <i>Human Brain Mapping</i> , 2016, 37, 1235-1253.	3.6	25
53	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. <i>NeuroImage</i> , 2016, 137, 70-85.	4.2	547
54	Medial Prefrontal Aberrations in Major Depressive Disorder Revealed by Cytoarchitectonically Informed Voxel-Based Morphometry. <i>American Journal of Psychiatry</i> , 2016, 173, 291-298.	7.2	52

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55	ANIMA: A data-sharing initiative for neuroimaging meta-analyses. <i>NeuroImage</i> , 2016, 124, 1245-1253.	4.2	37
56	Dopaminergic modulation of motor network dynamics in Parkinson's disease. <i>Brain</i> , 2015, 138, 664-678.	7.6	105
57	Functional organization of human subgenual cortical areas: Relationship between architectonical segregation and connectional heterogeneity. <i>NeuroImage</i> , 2015, 115, 177-190.	4.2	98
58	Meta-Analytically Informed Network Analysis of Resting State fMRI Reveals Hyperconnectivity in an Introspective Socio-Affective Network in Depression. <i>PLoS ONE</i> , 2014, 9, e94973.	2.5	42
59	An age-related shift of resting-state functional connectivity of the subthalamic nucleus: a potential mechanism for compensating motor performance decline in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 178.	3.4	27
60	The role of anterior midcingulate cortex in cognitive motor control. <i>Human Brain Mapping</i> , 2014, 35, 2741-2753.	3.6	136
61	Activation shift in elderly subjects across functional systems: an fMRI study. <i>Brain Structure and Function</i> , 2014, 219, 707-718.	2.3	20