Felix Hoffstaedter

List of Publications by Year
in descending order

61	3,696	201674	161849
papers	citations	27 h-index	54 g-index

75	75	75	6196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
2	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. NeuroImage, 2016, 137, 70-85.	4.2	547
3	Restingâ€state network dysfunction in Alzheimer's disease: A systematic review and metaâ€analysis. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 8, 73-85.	2.4	288
4	The role of anterior midcingulate cortex in cognitive motor control. Human Brain Mapping, 2014, 35, 2741-2753.	3.6	136
5	Towards a human self-regulation system: Common and distinct neural signatures of emotional and behavioural control. Neuroscience and Biobehavioral Reviews, 2018, 90, 400-410.	6.1	123
6	Sex Classification by Resting State Brain Connectivity. Cerebral Cortex, 2020, 30, 824-835.	2.9	115
7	Empirical examination of the replicability of associations between brain structure and psychological variables. ELife, 2019, 8, .	6.0	115
8	Dopaminergic modulation of motor network dynamics in Parkinson's disease. Brain, 2015, 138, 664-678.	7.6	105
9	Evaluation of non-negative matrix factorization of grey matter in age prediction. NeuroImage, 2018, 173, 394-410.	4.2	99
10	Functional organization of human subgenual cortical areas: Relationship between architectonical segregation and connectional heterogeneity. NeuroImage, 2015, 115, 177-190.	4.2	98
11	Multimodal Parcellations and Extensive Behavioral Profiling Tackling the Hippocampus Gradient. Cerebral Cortex, 2019, 29, 4595-4612.	2.9	82
12	Functional network reorganization in older adults: Graph-theoretical analyses of age, cognition and sex. NeuroImage, 2020, 214, 116756.	4.2	76
13	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. Biological Psychiatry, 2020, 87, 282-293.	1.3	68
14	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. Cerebral Cortex, 2017, 27, bhw065.	2.9	66
15	Human Pregenual Anterior Cingulate Cortex: Structural, Functional, and Connectional Heterogeneity. Cerebral Cortex, 2019, 29, 2552-2574.	2.9	64
16	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. NeuroImage, 2018, 170, 400-411.	4.2	63
17	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. Cortex, 2017, 89, 28-44.	2.4	53
18	Medial Prefrontal Aberrations in Major Depressive Disorder Revealed by Cytoarchitectonically Informed Voxel-Based Morphometry. American Journal of Psychiatry, 2016, 173, 291-298.	7.2	52

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19	Neural correlates of formal thought disorder: An activation likelihood estimation metaâ€analysis. Human Brain Mapping, 2017, 38, 4946-4965.	3.6	48
20	Meta-Analytically Informed Network Analysis of Resting State fMRI Reveals Hyperconnectivity in an Introspective Socio-Affective Network in Depression. PLoS ONE, 2014, 9, e94973.	2.5	42
21	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. Biological Psychiatry, 2021, 89, 308-319.	1.3	42
22	Influence of Processing Pipeline on Cortical Thickness Measurement. Cerebral Cortex, 2020, 30, 5014-5027.	2.9	41
23	Within- and across-network alterations of the sensorimotor network in Parkinsonâ€™s disease. Neuroradiology, 2021, 63, 2073-2085.	2.2	39
24	ANIMA: A data-sharing initiative for neuroimaging meta-analyses. NeuroImage, 2016, 124, 1245-1253.	4.2	37
25	On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivityâ€based singleâ€subject classification. Human Brain Mapping, 2017, 38, 5845-5858.	3.6	35
26	Machine-learning identifies Parkinson's disease patients based on resting-state between-network functional connectivity. British Journal of Radiology, 2019, 92, 20180886.	2.2	34
27	Resting-state testâ€“retest reliability of a priori defined canonical networks over different preprocessing steps. Brain Structure and Function, 2017, 222, 1447-1468.	2.3	30
28	Functional parcellation of human and macaque striatum reveals human-specific connectivity in the dorsal caudate. NeuroImage, 2021, 235, 118006.	4.2	29
29	An age-related shift of resting-state functional connectivity of the subthalamic nucleus: a potential mechanism for compensating motor performance decline in older adults. Frontiers in Aging Neuroscience, 2014, 6, 178.	3.4	27
30	Effects of exogenous testosterone application on network connectivity within emotion regulation systems. Scientific Reports, 2020, 10, 2352.	3.3	27
31	Functional Connectivity Differences of the Subthalamic Nucleus Related to <scp>P</scp>arkinson's Disease. Human Brain Mapping, 2016, 37, 1235-1253.	3.6	25
32	A seed-based cross-modal comparison of brain connectivity measures. Brain Structure and Function, 2017, 222, 1131-1151.	2.3	24
33	Personality and local brain structure: Their shared genetic basis and reproducibility. NeuroImage, 2020, 220, 117067.	4.2	24
34	The interrelation of sleep and mental and physical health is anchored in grey-matter neuroanatomy and under genetic control. Communications Biology, 2020, 3, 171.	4.4	24
35	What Can Computational Models Contribute to Neuroimaging Data Analytics?. Frontiers in Systems Neuroscience, 2018, 12, 68.	2.5	23
36	Characterizing the gradients of structural covariance in the human hippocampus. NeuroImage, 2020, 218, 116972.	4.2	23

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37	Inter-subject and inter-parcellation variability of resting-state whole-brain dynamical modeling. NeuroImage, 2021, 236, 118201.	4.2	21
38	Activation shift in elderly subjects across functional systems: an fMRI study. Brain Structure and Function, 2014, 219, 707-718.	2.3	20
39	Age differences in predicting working memory performance from network-based functional connectivity. Cortex, 2020, 132, 441-459.	2.4	20
40	Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. ELife, 2020, 9, .	6.0	20
41	Searching for behavior relating to grey matter volume in a-priori defined right dorsal premotor regions: Lessons learned. NeuroImage, 2017, 157, 144-156.	4.2	18
42	Differential Functional Connectivity Alterations of Two Subdivisions within the Right dlPFC in Parkinson's Disease. Frontiers in Human Neuroscience, 2017, 11, 288.	2.0	18
43	The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. Journal of Cognitive Neuroscience, 2021, 33, 1716-1752.	2.3	18
44	Functional Connectivity Changes of Key Regions for Motor Initiation in Parkinsonâ€™s Disease. Cerebral Cortex, 2019, 29, 383-396.	2.9	17
45	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. NeuroImage: Clinical, 2020, 25, 102114.	2.7	17
46	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. Human Brain Mapping, 2016, 37, 2931-2942.	3.6	16
47	Joint Multi-modal Parcellation of the Human Striatum: Functions and Clinical Relevance. Neuroscience Bulletin, 2020, 36, 1123-1136.	2.9	14
48	Imaging the upâ€™s and downâ€™s of emotion regulation in lifetime depression. Brain Imaging and Behavior, 2018, 12, 156-167.	2.1	13
49	Hippocampus co-atrophy pattern in dementia deviates from covariance patterns across the lifespan. Brain, 2020, 143, 2788-2802.	7.6	13
50	Neurobiological substrates of the positive formal thought disorder in schizophrenia revealed by seed connectome-based predictive modeling. NeuroImage: Clinical, 2021, 30, 102666.	2.7	13
51	FAIRly big: A framework for computationally reproducible processing of large-scale data. Scientific Data, 2022, 9, 80.	5.3	13
52	Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. Frontiers in Neurology, 2020, 11, 18.	2.4	12
53	A Connectivity-Based Psychometric Prediction Framework for Brainâ€“Behavior Relationship Studies. Cerebral Cortex, 2021, 31, 3732-3751.	2.9	11
54	CBPtools: a Python package for regional connectivity-based parcellation. Brain Structure and Function, 2020, 225, 1261-1275.	2.3	9

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55	The inferior frontal sulcus: Cortical segregation, molecular architecture and function. Cortex, 2022, 153, 235-256.	2.4	9
56	Fronto-temporal interactions are functionally relevant for semantic control in language processing. PLoS ONE, 2017, 12, e0177753.	2.5	8
57	Evolving complex yet interpretable representations: application to Alzheimerâ€™s diagnosis and prognosis. , 2020, , .		6
58	Neural correlates of affective control regions induced by common therapeutic strategies in major depressive disorders: an Activation Likelihood Estimation meta-analysis study. Neuroscience and Biobehavioral Reviews, 2022, , 104643.	6.1	5
59	Genetic factors influencing a neurobiological substrate for psychiatric disorders. Translational Psychiatry, 2021, 11, 192.	4.8	4
60	Evaluation of thresholding methods for activation likelihood estimation metaâ€analysis via largeâ€scale simulations. Human Brain Mapping, 2022, 43, 3987-3997.	3.6	4
61	Tract-specific statistics based on diffusion-weighted probabilistic tractography. Communications Biology, 2022, 5, 138.	4.4	1