

Daniel A Handwerker

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

9,756
citations

236833

25
h-index

289141

40
g-index

49
all docs

49
docs citations

49
times ranked

11720
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic functional connectivity: Promise, issues, and interpretations. <i>NeuroImage</i> , 2013, 80, 360-378.	2.1	2,358
2	The impact of global signal regression on resting state correlations: Are anti-correlated networks introduced?. <i>NeuroImage</i> , 2009, 44, 893-905.	2.1	2,164
3	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. <i>Scientific Data</i> , 2016, 3, 160044.	2.4	1,038
4	Variation of BOLD hemodynamic responses across subjects and brain regions and their effects on statistical analyses. <i>NeuroImage</i> , 2004, 21, 1639-1651.	2.1	852
5	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015, 6, 8885.	5.8	353
6	Periodic changes in fMRI connectivity. <i>NeuroImage</i> , 2012, 63, 1712-1719.	2.1	350
7	Whole-brain, time-locked activation with simple tasks revealed using massive averaging and model-free analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5487-5492.	3.3	312
8	Tracking ongoing cognition in individuals using brief, whole-brain functional connectivity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8762-8767.	3.3	312
9	High-Resolution CBV-fMRI Allows Mapping of Laminar Activity and Connectivity of Cortical Input and Output in Human M1. <i>Neuron</i> , 2017, 96, 1253-1263.e7.	3.8	255
10	Idiosynchrony: From shared responses to individual differences during naturalistic neuroimaging. <i>NeuroImage</i> , 2020, 215, 116828.	2.1	162
11	The continuing challenge of understanding and modeling hemodynamic variation in fMRI. <i>NeuroImage</i> , 2012, 62, 1017-1023.	2.1	159
12	The neural basis of surface dyslexia in semantic dementia. <i>Brain</i> , 2009, 132, 71-86.	3.7	142
13	fMRI in the presence of task-correlated breathing variations. <i>NeuroImage</i> , 2009, 47, 1092-1104.	2.1	136
14	Reducing vascular variability of fMRI data across aging populations using a breathholding task. <i>Human Brain Mapping</i> , 2007, 28, 846-859.	1.9	129
15	Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , 2014, 89, 45-56.	2.1	128
16	The spatial structure of resting state connectivity stability on the scale of minutes. <i>Frontiers in Neuroscience</i> , 2014, 8, 138.	1.4	104
17	Techniques for blood volume fMRI with VASO: From low-resolution mapping towards sub-millimeter layer-dependent applications. <i>NeuroImage</i> , 2018, 164, 131-143.	2.1	101
18	Sub-millimeter fMRI reveals multiple topographical digit representations that form action maps in human motor cortex. <i>NeuroImage</i> , 2020, 208, 116463.	2.1	88

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19	A functional connectivity-based neuromarker of sustained attention generalizes to predict recall in a reading task. <i>NeuroImage</i> , 2018, 166, 99-109.	2.1	63
20	Layer-specific activation of sensory input and predictive feedback in the human primary somatosensory cortex. <i>Science Advances</i> , 2019, 5, eaav9053.	4.7	62
21	Evaluation of multi-echo ICA denoising for task based fMRI studies: Block designs, rapid event-related designs, and cardiac-gated fMRI. <i>NeuroImage</i> , 2016, 141, 452-468.	2.1	49
22	Brain Network Informed Subject Community Detection In Early-Onset Schizophrenia. <i>Scientific Reports</i> , 2014, 4, 5549.	1.6	48
23	Imaging the spontaneous flow of thought: Distinct periods of cognition contribute to dynamic functional connectivity during rest. <i>NeuroImage</i> , 2019, 202, 116129.	2.1	47
24	Spatio-temporal information analysis of event-related BOLD responses. <i>NeuroImage</i> , 2007, 34, 1545-1561.	2.1	43
25	TE-dependent analysis of multi-echo fMRI with tedana. <i>Journal of Open Source Software</i> , 2021, 6, 3669.	2.0	39
26	Hemodynamic signals not predicted? Not so: A comment on Sirotin and Das (2009). <i>NeuroImage</i> , 2011, 55, 1409-1412.	2.1	36
27	Task Dependence, Tissue Specificity, and Spatial Distribution of Widespread Activations in Large Single-Subject Functional MRI Datasets at 7T. <i>Cerebral Cortex</i> , 2015, 25, 4667-4677.	1.6	28
28	Efficacy of different dynamic functional connectivity methods to capture cognitively relevant information. <i>NeuroImage</i> , 2019, 188, 502-514.	2.1	27
29	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
30	Theta-burst TMS to the posterior superior temporal sulcus decreases resting-state fMRI connectivity across the face processing network. <i>Network Neuroscience</i> , 2020, 4, 746-760.	1.4	17
31	Effects of Thoracic Pressure Changes on MRI Signals in the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1024-1032.	2.4	15
32	Time-varying whole-brain functional network connectivity coupled to task engagement. <i>Network Neuroscience</i> , 2019, 3, 49-66.	1.4	15
33	Centering inclusivity in the design of online conferences—An OHBM—Open Science perspective. <i>GigaScience</i> , 2021, 10, .	3.3	14
34	Visual temporal frequency preference shows a distinct cortical architecture using fMRI. <i>NeuroImage</i> , 2019, 197, 13-23.	2.1	12
35	Layer-specific activation in human primary somatosensory cortex during tactile temporal prediction error processing. <i>NeuroImage</i> , 2022, 248, 118867.	2.1	11
36	Different activation signatures in the primary sensorimotor and higher-level regions for haptic three-dimensional curved surface exploration. <i>NeuroImage</i> , 2021, 231, 117754.	2.1	10

#	ARTICLE	IF	CITATIONS
37	Simple explanations before complex theories: Alternative interpretations of Sirotin and Das' observations. <i>NeuroImage</i> , 2011, 55, 1419-1422.	2.1	9
38	Ultra-slow fMRI fluctuations in the fourth ventricle as a marker of drowsiness. <i>NeuroImage</i> , 2022, 259, 119424.	2.1	9
39	Topographical and laminar distribution of audiovisual processing within human planum temporale. <i>Progress in Neurobiology</i> , 2021, 205, 102121.	2.8	7
40	Measuring the Consistency of Global Functional Connectivity Using Kernel Regression Methods. , 2011, , .		6
41	Fast detection and reduction of local transient artifacts in resting-state fMRI. <i>Computers in Biology and Medicine</i> , 2020, 120, 103742.	3.9	5