

# Guillaume Flandin

## List of Publications by Year in descending order

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33  
papers

4,671  
citations

270111

25  
h-index

445137

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

7875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
2	Deep brain stimulation has state-dependent effects on motor connectivity in Parkinson's disease. <i>Brain</i> , 2019, 142, 2417-2431.	3.7	33
3	EEG-BIDS, an extension to the brain imaging data structure for electroencephalography. <i>Scientific Data</i> , 2019, 6, 103.	2.4	209
4	Multimodal Integration of M/EEG and fMRI Data in SPM12. <i>Frontiers in Neuroscience</i> , 2019, 13, 300.	1.4	18
5	Analysis of family-wise error rates in statistical parametric mapping using random field theory. <i>Human Brain Mapping</i> , 2019, 40, 2052-2054.	1.9	190
6	Boutiques: a flexible framework to integrate command-line applications in computing platforms. <i>GigaScience</i> , 2018, 7, .	3.3	35
7	MEG-BIDS, the brain imaging data structure extended to magnetoencephalography. <i>Scientific Data</i> , 2018, 5, 180110.	2.4	101
8	Physiological basis of vascular autocalibration (VasA): Comparison to hypercapnia calibration methods. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1168-1173.	1.9	7
9	Functional Sensitivity of 2D Simultaneous Multi-Slice Echo-Planar Imaging: Effects of Acceleration on g-factor and Physiological Noise. <i>Frontiers in Neuroscience</i> , 2017, 11, 158.	1.4	45
10	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. <i>PLoS Computational Biology</i> , 2017, 13, e1005209.	1.5	218
11	Sharing brain mapping statistical results with the neuroimaging data model. <i>Scientific Data</i> , 2016, 3, 160102.	2.4	53
12	Evaluation of 2D multiband EPI imaging for high-resolution, whole-brain, task-based fMRI studies at 3T: Sensitivity and slice leakage artifacts. <i>NeuroImage</i> , 2016, 124, 32-42.	2.1	170
13	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
14	Vascular autoresizing of fMRI (VasA fMRI) improves sensitivity of population studies: A pilot study. <i>NeuroImage</i> , 2016, 124, 794-805.	2.1	33
15	Objective Bayesian fMRI analysis: a pilot study in different clinical environments. <i>Frontiers in Neuroscience</i> , 2015, 9, 168.	1.4	8
16	Resting state functional MRI in Parkinson's disease: the impact of deep brain stimulation on effective connectivity. <i>Brain</i> , 2014, 137, 1130-1144.	3.7	196
17	Convolution models for induced electromagnetic responses. <i>NeuroImage</i> , 2013, 64, 388-398.	2.1	35
18	The problem of low variance voxels in statistical parametric mapping; a new hat avoids a haircut. <i>NeuroImage</i> , 2012, 59, 2131-2141.	2.1	38

#	ARTICLE	IF	CITATIONS
19	EEG and MEG Data Analysis in SPM8. Computational Intelligence and Neuroscience, 2011, 2011, 1-32.	1.1	500
20	A Parametric Empirical Bayesian framework for fMRI-constrained MEG/EEG source reconstruction. Human Brain Mapping, 2010, 31, 1512-1531.	1.9	101
21	Modelling event-related skin conductance responses. International Journal of Psychophysiology, 2010, 75, 349-356.	0.5	162
22	Time-series analysis for rapid event-related skin conductance responses. Journal of Neuroscience Methods, 2009, 184, 224-234.	1.3	155
23	Multiple sparse priors for the M/EEG inverse problem. NeuroImage, 2008, 39, 1104-1120.	2.1	548
24	Bayesian fMRI data analysis with sparse spatial basis function priors. NeuroImage, 2007, 34, 1108-1125.	2.1	97
25	Bayesian comparison of spatially regularised general linear models. Human Brain Mapping, 2007, 28, 275-293.	1.9	62
26	Identification of degenerate neuronal systems based on intersubject variability. NeuroImage, 2006, 30, 885-890.	2.1	32
27	Dealing with the shortcomings of spatial normalization: Multi-subject parcellation of fMRI datasets. Human Brain Mapping, 2006, 27, 678-693.	1.9	166
28	Automatized clustering and functional geometry of human parietofrontal networks for language, space, and number. NeuroImage, 2004, 23, 1192-1202.	2.1	136
29	Functional connectivity: studying nonlinear, delayed interactions between BOLD signals. NeuroImage, 2003, 20, 962-974.	2.1	86
30	Group analysis in functional neuroimaging: selecting subjects using similarity measures. NeuroImage, 2003, 20, 2197-2208.	2.1	85
31	Multivariate Model Specification for fMRI Data. NeuroImage, 2002, 16, 1068-1083.	2.1	70
32	Improved Detection Sensitivity in Functional MRI Data Using a Brain Parcelling Technique. Lecture Notes in Computer Science, 2002, , 467-474.	1.0	16
33	Model Based Spatial and Temporal Similarity Measures between Series of Functional Magnetic Resonance Images. Lecture Notes in Computer Science, 2002, , 509-516.	1.0	1