

Marc Joliot

List of Publications by Year in descending order

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32
papers

16,854
citations

361413

20
h-index

414414

32
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46
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docs citations

46
times ranked

19855
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Anatomical Labeling of Activations in SPM Using a Macroscopic Anatomical Parcellation of the MNI MRI Single-Subject Brain. <i>NeuroImage</i> , 2002, 15, 273-289.	4.2	14,089
2	Cortical networks for working memory and executive functions sustain the conscious resting state in man. <i>Brain Research Bulletin</i> , 2001, 54, 287-298.	3.0	837
3	Brain activity at rest: a multiscale hierarchical functional organization. <i>Journal of Neurophysiology</i> , 2011, 105, 2753-2763.	1.8	287
4	Gaussian Mixture Modeling of Hemispheric Lateralization for Language in a Large Sample of Healthy Individuals Balanced for Handedness. <i>PLoS ONE</i> , 2014, 9, e101165.	2.5	246
5	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , 2015, 254, 46-59.	2.5	232
6	Links among resting-state default-mode network, salience network, and symptomatology in schizophrenia. <i>Schizophrenia Research</i> , 2013, 148, 74-80.	2.0	158
7	Patterns of hemodynamic low-frequency oscillations in the brain are modulated by the nature of free thought during rest. <i>NeuroImage</i> , 2012, 59, 3194-3200.	4.2	96
8	Revisiting the human uncinate fasciculus, its subcomponents and asymmetries with stem-based tractography and microdissection validation. <i>Brain Structure and Function</i> , 2017, 222, 1645-1662.	2.3	91
9	BIL&GIN: A neuroimaging, cognitive, behavioral, and genetic database for the study of human brain lateralization. <i>NeuroImage</i> , 2016, 124, 1225-1231.	4.2	81
10	The genetic architecture of structural left-right asymmetry of the human brain. <i>Nature Human Behaviour</i> , 2021, 5, 1226-1239.	12.0	70
11	A SENTence Supramodal Areas Atlas (SENSAAS) based on multiple task-induced activation mapping and graph analysis of intrinsic connectivity in 144 healthy right-handers. <i>Brain Structure and Function</i> , 2019, 224, 859-882.	2.3	58
12	Strong rightward lateralization of the dorsal attentional network in left-handers with right sighting-eye: An evolutionary advantage. <i>Human Brain Mapping</i> , 2015, 36, 1151-1164.	3.6	53
13	Weak language lateralization affects both verbal and spatial skills: An fMRI study in 297 subjects. <i>Neuropsychologia</i> , 2014, 65, 56-62.	1.6	48
14	Intra-hemispheric intrinsic connectivity asymmetry and its relationships with handedness and language Lateralization. <i>Neuropsychologia</i> , 2016, 93, 437-447.	1.6	47
15	Between-hand difference in ipsilateral deactivation is associated with hand lateralization: fMRI mapping of 284 volunteers balanced for handedness. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 5.	2.0	42
16	Relationships between hand laterality and verbal and spatial skills in 436 healthy adults balanced for handedness. <i>Laterality</i> , 2014, 19, 383-404.	1.0	41
17	The association between hemispheric specialization for language production and for spatial attention depends on left-hand preference strength. <i>Neuropsychologia</i> , 2016, 93, 394-406.	1.6	41
18	Handedness and its genetic influences are associated with structural asymmetries of the cerebral cortex in 31,864 individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41

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19	Variation in homotopic areasâ€™ activity and inter-hemispheric intrinsic connectivity with type of language lateralization: an fMRI study of covert sentence generation in 297 healthy volunteers. <i>Brain Structure and Function</i> , 2016, 221, 2735-2753.	2.3	36
20	Neuroimaging supports the representational nature of the earliest human engravings. <i>Royal Society Open Science</i> , 2019, 6, 190086.	2.4	35
21	Typical and atypical language brain organization based on intrinsic connectivity and multitask functional asymmetries. <i>ELife</i> , 2020, 9, .	6.0	27
22	Large-Scale Phenomic and Genomic Analysis of Brain Asymmetrical Skew. <i>Cerebral Cortex</i> , 2021, 31, 4151-4168.	2.9	26
23	Predicting hemispheric dominance for language production in healthy individuals using support vector machine. <i>Human Brain Mapping</i> , 2017, 38, 5871-5889.	3.6	23
24	3D Segmentation of Perivascular Spaces on T1-Weighted 3 Tesla MR Images With a Convolutional Autoencoder and a U-Shaped Neural Network. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 641600.	2.5	20
25	A Novel Group ICA Approach Based on Multi-scale Individual Component Clustering. Application to a Large Sample of fMRI Data. <i>Neuroinformatics</i> , 2012, 10, 269-285.	2.8	17
26	Large-scale plurimodal networks common to listening to, producing and reading word lists: an fMRI study combining task-induced activation and intrinsic connectivity in 144 right-handers. <i>Brain Structure and Function</i> , 2019, 224, 3075-3094.	2.3	16
27	Gene Expression Correlates of the Cortical Network Underlying Sentence Processing. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2020, 1, 77-103.	3.1	15
28	Network modeling of resting state connectivity points towards the bottom up theories of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 19-26.	1.8	12
29	Deep Learningâ€based Classification of Restingâ€state fMRI Independentâ€component Analysis. <i>Neuroinformatics</i> , 2021, 19, 619-637.	2.8	12
30	The MRI-Share database: brain imaging in a cross-sectional cohort of 1870 university students. <i>Brain Structure and Function</i> , 2021, 226, 2057-2085.	2.3	11
31	Cortical Asymmetries during Hand Laterality Task Vary with Hand Laterality: A fMRI Study in 295 Participants. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 628.	2.0	8
32	Novel characterization of the relationship between verbal listâ€learning outcomes and hippocampal subfields in healthy adults. <i>Human Brain Mapping</i> , 2021, 42, 5264-5277.	3.6	7