Marc-Etienne Rousseau

List of Publications by Year
in descending order

17 papers	1,766 citations	623734 14 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	3762 citing authors

#	Article	IF	Citations
1	BigBrain: An Ultrahigh-Resolution 3D Human Brain Model. Science, 2013, 340, 1472-1475.	12.6	673
2	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. American Journal of Psychiatry, 2019, 176, 119-128.	7.2	190
3	CBRAIN: a web-based, distributed computing platform for collaborative neuroimaging research. Frontiers in Neuroinformatics, 2014, 8, 54.	2.5	161
4	Reproducibility of neuroimaging analyses across operating systems. Frontiers in Neuroinformatics, 2015, 9, 12.	2.5	114
5	Childhood cognitive ability accounts for associations between cognitive ability and brain cortical thickness in old age. Molecular Psychiatry, 2014, 19, 555-559.	7.9	104
6	Mutational Analysis of Conserved Carboxylate Residues in the Nucleotide Binding Sites of P-Glycoprotein€. Biochemistry, 2000, 39, 14138-14149.	2.5	84
7	Cysteines 431 and 1074 Are Responsible for Inhibitory Disulfide Cross-linking between the Two Nucleotide-binding Sites in Human P-glycoprotein. Journal of Biological Chemistry, 2001, 276, 26980-26987.	3.4	76
8	2015 Brainhack Proceedings. GigaScience, 2016, 5, 1-26.	6.4	72
9	ArrayPipe: a flexible processing pipeline for microarray data. Nucleic Acids Research, 2004, 32, W457-W459.	14.5	69
10	Virtual imaging laboratories for marker discovery in neurodegenerative diseases. Nature Reviews Neurology, 2011, 7, 429-438.	10.1	56
11	The MNI data-sharing and processing ecosystem. NeuroImage, 2016, 124, 1188-1195.	4.2	48
12	BrainBrowser: distributed, web-based neurological data visualization. Frontiers in Neuroinformatics, 2014, 8, 89.	2.5	40
13	Boutiques: a flexible framework to integrate command-line applications in computing platforms. GigaScience, 2018, 7, .	6.4	35
14	Cyberinfrastructure for Open Science at the Montreal Neurological Institute. Frontiers in Neuroinformatics, 2016, 10, 53.	2.5	28
15	Software architectures to integrate workflow engines in science gateways. Future Generation Computer Systems, 2017, 75, 239-255.	7.5	13
16	Controlling the Deployment of Virtual Machines on Clusters and Clouds for Scientific Computing in CBRAIN. , 2014, , .		3
17	Nipype interfaces in CBRAIN. GigaScience, 2016, 5, .	6.4	0