Matthew J Betts

List of Publications by Year
in descending order

17 papers	2,122 citations	840776 11 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	4821 citing authors

#	Article	IF	Citations
1	Learning in anticipation of reward and punishment: perspectives across the human lifespan. Neurobiology of Aging, 2020, 96, 49-57.	3.1	11
2	Epistatic Analysis of the Contribution of Rabs and Kifs to CATCHR Family Dependent Golgi Organization. Frontiers in Cell and Developmental Biology, 2019, 7, 126.	3.7	4
3	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. Brain, 2019, 142, 2558-2571.	7.6	219
4	In vivo MRI assessment of the human locus coeruleus along its rostrocaudal extent in young and older adults. NeuroImage, 2017, 163, 150-159.	4.2	117
5	Genetic variants affecting equivalent protein family positions reflect human diversity. Scientific Reports, 2017, 7, 12771.	3.3	8
6	Capturing protein communities by structural proteomics in a thermophilic eukaryote. Molecular Systems Biology, 2017, 13, 936.	7.2	108
7	The whole-brain pattern of magnetic susceptibility perturbations in Parkinson's disease. Brain, 2017, 140, 118-131.	7.6	154
8	Systematic identification of phosphorylation-mediated protein interaction switches. PLoS Computational Biology, 2017, 13, e1005462.	3.2	44
9	High-resolution characterisation of the aging brain using simultaneous quantitative susceptibility mapping (QSM) and R2* measurements at 7 T. NeuroImage, 2016, 138, 43-63.	4.2	101
10	Insights into cancer severity from biomolecular interaction mechanisms. Scientific Reports, 2016, 6, 34490.	3.3	21
11	*In Vivo* MRI Mapping of Brain Iron Deposition across the Adult Lifespan. Journal of Neuroscience, 2016, 36, 364-374.	3.6	217
12	Mechismo: predicting the mechanistic impact of mutations and modifications on molecular interactions. Nucleic Acids Research, 2015, 43, e10-e10.	14.5	95
13	Structural Systems Biology: Modeling Interactions and Networks for Systems Studies. , 2014, , 9-19.		0
14	Cross‐talk between phosphorylation and lysine acetylation in a genome‐reduced bacterium. Molecular Systems Biology, 2012, 8, 571.	7.2	169
15	Dissecting the genomic complexity underlying medulloblastoma. Nature, 2012, 488, 100-105.	27.8	765
16	Amino-Acid Properties and Consequences of Substitutions. , 0, , 311-342.		88
17	Leveraging biochemical reactions to unravel functional impacts of cancer somatic variants affecting protein interaction interfaces. F1000Research, 0, 10, 1111.	1.6	1