

Matthew J Betts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9375976/publications.pdf>

Version: 2024-02-01

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