Melody G Campbell

List of Publications by Year
in descending order

11 papers	1,134 citations	933447 10 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	2812 citing authors

#	Article	IF	Citations
1	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science, 2020, 370, .	12.6	508
2	Structure of the human TRPM4 ion channel in a lipid nanodisc. Science, 2018, 359, 228-232.	12.6	219
3	Cryo-EM Reveals Integrin-Mediated TGF-Î² Activation without Release from Latent TGF-Î². Cell, 2020, 180, 490-501.e16.	28.9	102
4	Integrin Î±vÎ²8â€"expressing tumor cells evade host immunity by regulating TGF-Î² activation in immune cells. JCI Insight, 2018, 3, .	5.0	82
5	Amino and PEG-amino graphene oxide grids enrich and protect samples for high-resolution single particle cryo-electron microscopy. Journal of Structural Biology, 2020, 209, 107437.	2.8	45
6	Cryo-EM structure of the Î±vÎ²8 integrin reveals a mechanism for stabilizing integrin extension. Nature Structural and Molecular Biology, 2018, 25, 698-704.	8.2	40
7	A Nucleosome Bridging Mechanism for Activation of a Maintenance DNA Methyltransferase. Molecular Cell, 2019, 73, 73-83.e6.	9.7	33
8	Enhancing the signal-to-noise ratio and generating contrast for cryo-EM images with convolutional neural networks. IUCrJ, 2020, 7, 1142-1150.	2.2	24
9	Cohesin cleavage by separase is enhanced by a substrate motif distinct from the cleavage site. Nature Communications, 2019, 10, 5189.	12.8	23
10	Fab-based inhibitors reveal ubiquitin independent functions for HIV Vif neutralization of APOBEC3 restriction factors. PLoS Pathogens, 2018, 14, e1006830.	4.7	17
11	Structural Studies Î±vÎ²8 Integrin by Single Particle Cryo-EM. Microscopy and Microanalysis, 2019, 25, 1312-1313.	0.4	0