Manu Forero-Shelton

List of Publications by Year
in descending order

19	2,942	840776	839539
papers	citations	11 h-index	18 g-index

20	20	20	3245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protocol for the Design and Assembly of a Light Sheet Light Field Microscope. Methods and Protocols, 2019, 2, 56.	2.0	5
2	Xenotransplantation of Human glioblastoma in Zebrafish larvae: in vivo imaging and proliferation assessment. Biology Open, 2019, 8, .	1.2	23
3	Peering into cells at high resolution just got easier. Nature Methods, 2019, 16, 293-294.	19.0	2
4	Structure and postembryonic development of the intersegmental nodules in the non-muscular joints of the antennae in Rhodnius prolixus. Arthropod Structure and Development, 2017, 46, 287-296.	1.4	0
5	Establishment of Larval Zebrafish as an Animal Model to Investigate Trypanosoma cruzi Motility In Vivo. Journal of Visualized Experiments, 2017, , .	0.3	7
6	The masquerade game: marine mimicry adaptation between egg-cowries and octocorals. PeerJ, 2016, 4, e2051.	2.0	12
7	Altering the motility of Trypanosoma cruzi with rabbit polyclonal anti-peptide antibodies reduces infection to susceptible mammalian cells. Experimental Parasitology, 2015, 150, 36-43.	1.2	10
8	Exploring the Local Elastic Properties of Bilayer Membranes Using Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2014, 118, 12883-12891.	2.6	9
9	Observation of Bacterial Type I Pili Extension and Contraction under Fluid Flow. PLoS ONE, 2013, 8, e65563.	2.5	23
10	Rabbit serum against K1 peptide, an immunogenic epitope of the Trypanosoma cruzi KMP-11, decreases parasite invasion to cells. Acta Tropica, 2012, 123, 224-229.	2.0	6
11	Structural Basis for Mechanical Force Regulation of the Adhesin FimH via Finger Trap-like Î² Sheet Twisting. Cell, 2010, 141, 645-655.	28.9	239
12	FimH Forms Catch Bonds That Are Enhanced by Mechanical Force Due to Allosteric Regulation. Journal of Biological Chemistry, 2008, 283, 11596-11605.	3.4	190
13	Catch-Bond Model Derived from Allostery Explains Force-Activated Bacterial Adhesion. Biophysical Journal, 2006, 90, 753-764.	0.5	176
14	Uncoiling Mechanics of Escherichia coli Type I Fimbriae Are Optimized for Catch Bonds. PLoS Biology, 2006, 4, e298.	5.6	117
15	The Two-Pathway Model for the Catch-Slip Transition in Biological Adhesion. Biophysical Journal, 2005, 89, 1446-1454.	0.5	186
16	Shear-dependent â€˜stick-and-rollâ€™ adhesion of type 1 fimbriated Escherichia coli. Molecular Microbiology, 2004, 53, 1545-1557.	2.5	225
17	A Catch-Bond Based Nanoadhesive Sensitive to Shear Stress. Nano Letters, 2004, 4, 1593-1597.	9.1	40
18	Bacterial Adhesion to Target Cells Enhanced by Shear Force. Cell, 2002, 109, 913-923.	28.9	533

#	Article	IF	Citations
19	Crossed Nanotube Junctions. Science, 2000, 288, 494-497.	12.6	1,135