

Manu Forero-Shelton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6218522/publications.pdf>

Version: 2024-02-01

19
papers

2,942
citations

840585

11
h-index

839398

18
g-index

20
all docs

20
docs citations

20
times ranked

3245
citing authors

#	ARTICLE	IF	CITATIONS
1	Protocol for the Design and Assembly of a Light Sheet Light Field Microscope. <i>Methods and Protocols</i> , 2019, 2, 56.	0.9	5
2	Xenotransplantation of Human glioblastoma in Zebrafish larvae: <i>in vivo</i> imaging and proliferation assessment. <i>Biology Open</i> , 2019, 8, .	0.6	23
3	Peering into cells at high resolution just got easier. <i>Nature Methods</i> , 2019, 16, 293-294.	9.0	2
4	Structure and postembryonic development of the intersegmental nodules in the non-muscular joints of the antennae in <i>Rhodnius prolixus</i> . <i>Arthropod Structure and Development</i> , 2017, 46, 287-296.	0.8	0
5	Establishment of Larval Zebrafish as an Animal Model to Investigate & Trypanosoma cruzi & Motility & In Vivo &. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	7
6	The masquerade game: marine mimicry adaptation between egg-cowries and octocorals. <i>PeerJ</i> , 2016, 4, e2051.	0.9	12
7	Altering the motility of <i>Trypanosoma cruzi</i> with rabbit polyclonal anti-peptide antibodies reduces infection to susceptible mammalian cells. <i>Experimental Parasitology</i> , 2015, 150, 36-43.	0.5	10
8	Exploring the Local Elastic Properties of Bilayer Membranes Using Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12883-12891.	1.2	9
9	Observation of Bacterial Type I Pili Extension and Contraction under Fluid Flow. <i>PLoS ONE</i> , 2013, 8, e65563.	1.1	23
10	Rabbit serum against K1 peptide, an immunogenic epitope of the <i>Trypanosoma cruzi</i> KMP-11, decreases parasite invasion to cells. <i>Acta Tropica</i> , 2012, 123, 224-229.	0.9	6
11	Structural Basis for Mechanical Force Regulation of the Adhesin FimH via Finger Trap-like β^2 Sheet Twisting. <i>Cell</i> , 2010, 141, 645-655.	13.5	239
12	FimH Forms Catch Bonds That Are Enhanced by Mechanical Force Due to Allosteric Regulation. <i>Journal of Biological Chemistry</i> , 2008, 283, 11596-11605.	1.6	190
13	Catch-Bond Model Derived from Allostery Explains Force-Activated Bacterial Adhesion. <i>Biophysical Journal</i> , 2006, 90, 753-764.	0.2	176
14	Uncoiling Mechanics of <i>Escherichia coli</i> Type I Fimbriae Are Optimized for Catch Bonds. <i>PLoS Biology</i> , 2006, 4, e298.	2.6	117
15	The Two-Pathway Model for the Catch-Slip Transition in Biological Adhesion. <i>Biophysical Journal</i> , 2005, 89, 1446-1454.	0.2	186
16	Shear-dependent "stick-and-roll" adhesion of type 1 fimbriated <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2004, 53, 1545-1557.	1.2	225
17	A Catch-Bond Based Nanoadhesive Sensitive to Shear Stress. <i>Nano Letters</i> , 2004, 4, 1593-1597.	4.5	40
18	Bacterial Adhesion to Target Cells Enhanced by Shear Force. <i>Cell</i> , 2002, 109, 913-923.	13.5	533

#	ARTICLE	IF	CITATIONS
19	Crossed Nanotube Junctions. Science, 2000, 288, 494-497.	6.0	1,135