

Andrés Manuel Vera

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

759
citations

1040056

9
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

1295
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision and accuracy of single-molecule FRET measurements—a multi-laboratory benchmark study. <i>Nature Methods</i> , 2018, 15, 669-676.	19.0	350
2	On the remarkable mechanostability of scaffoldins and the mechanical clamp motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13791-13796.	7.1	116
3	Common Features at the Start of the Neurodegeneration Cascade. <i>PLoS Biology</i> , 2012, 10, e1001335.	5.6	60
4	Nanomechanics of the Cadherin Ectodomain. <i>Journal of Biological Chemistry</i> , 2011, 286, 9405-9418.	3.4	45
5	High force catch bond mechanism of bacterial adhesion in the human gut. <i>Nature Communications</i> , 2020, 11, 4321.	12.8	40
6	DNA origami-based single-molecule force spectroscopy elucidates RNA Polymerase III pre-initiation complex stability. <i>Nature Communications</i> , 2020, 11, 2828.	12.8	36
7	Mechanical Properties of β^2 -Catenin Revealed by Single-Molecule Experiments. <i>Biophysical Journal</i> , 2012, 103, 1744-1752.	0.5	28
8	Direct Identification of Protein-Protein Interactions by Single-Molecule Force Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13970-13973.	13.8	24
9	Quasi-simultaneous imaging/pulling analysis of single polyprotein molecules by atomic force microscopy. <i>Review of Scientific Instruments</i> , 2007, 78, 113707.	1.3	22
10	Cohesin-dockerin code in cellulosomal dual binding modes and its allosteric regulation by proline isomerization. <i>Structure</i> , 2021, 29, 587-597.e8.	3.3	10
11	Impact of scaffoldin mechanostability on cellulosomal activity. <i>Biomaterials Science</i> , 2020, 8, 3601-3610.	5.4	7
12	Non-local effects of point mutations on the stability of a protein module. <i>Journal of Chemical Physics</i> , 2017, 147, 105101.	3.0	6
13	A simple and general approach to generate photoactivatable DNA processing enzymes. <i>Nucleic Acids Research</i> , 2022, 50, e31-e31.	14.5	4
14	Single-Molecule Approved Surface Passivation. <i>Structure</i> , 2020, 28, 1269-1270.	3.3	0