

# Vasudha Aggarwal

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

420  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved surface passivation method for single-molecule studies. <i>Nature Methods</i> , 2014, 11, 1233-1236.	19.0	120
2	Stoichiometry and assembly of mTOR complexes revealed by single-molecule pulldown. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17833-17838.	7.1	51
3	Ligand-modulated Parallel Mechanical Unfolding Pathways of Maltose-binding Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 28056-28065.	3.4	45
4	The preRC protein ORCA organizes heterochromatin by assembling histone H3 lysine 9 methyltransferases on chromatin. <i>ELife</i> , 2015, 4, .	6.0	38
5	Single-molecule fluorescence microscopy of native macromolecular complexes. <i>Current Opinion in Structural Biology</i> , 2016, 41, 225-232.	5.7	38
6	BEND3 represses rDNA transcription by stabilizing a NoRC component via USP21 deubiquitinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8338-8343.	7.1	35
7	Single-molecule pull-down (SiMPull) for new-age biochemistry. <i>BioEssays</i> , 2014, 36, 1109-1119.	2.5	25
8	In Planta Single-Molecule Pull-Down Reveals Tetrameric Stoichiometry of HD-ZIPIII:LITTLE ZIPPER Complexes. <i>Plant Cell</i> , 2016, 28, 1783-1794.	6.6	25
9	Single-Molecule Analysis of Lipid-Protein Interactions in Crude Cell Lysates. <i>Analytical Chemistry</i> , 2016, 88, 4269-4276.	6.5	16
10	Contractility kits promote assembly of the mechanoresponsive cytoskeletal network. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	14
11	ORCA/LRWD1 Regulates Homologous Recombination at ALT-Telomeres by Modulating Heterochromatin Organization. <i>iScience</i> , 2020, 23, 101038.	4.1	10
12	Single-Molecule Studies of the Parallel Unfolding Pathways of Maltose Binding Protein (MBP). <i>Biophysical Journal</i> , 2011, 100, 481a.	0.5	3
13	An Improved Surface Passivation Method for Single-Molecule Studies. <i>Biophysical Journal</i> , 2014, 106, 393a.	0.5	0