Haowei Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2011125/publications.pdf

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12	175	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase separation drives decision making in cell division. Journal of Biological Chemistry, 2020, 295, 13419-13431.	3.4	41
2	Preparation of single rice chromosome for construction of a DNA library using a laser microbeam trap. Journal of Biotechnology, 2004, 109, 217-226.	3.8	28
3	AFM Studies of λ Repressor Oligomers Securing DNA Loops. Current Pharmaceutical Biotechnology, 2009, 10, 494-501.	1.6	22
4	Single molecule analysis of DNA wrapping and looping by a circular 14mer wheel of the bacteriophage 186 CI repressor. Nucleic Acids Research, 2013, 41, 5746-5756.	14.5	22
5	Mitotic motor CENP-E cooperates with PRC1 in temporal control of central spindle assembly. Journal of Molecular Cell Biology, 2020, 12, 654-665.	3.3	22
6	A biomechanical mechanism for initiating DNA packaging. Nucleic Acids Research, 2014, 42, 11921-11927.	14.5	12
7	Isolation of a single rice chromosome by optical micromanipulation. Journal of Optics, 2004, 6, 89-93.	1.5	8
8	Simulation Assisted Analysis of the Intrinsic Stiffness for Short DNA Molecules Imaged with Scanning Atomic Force Microscopy. PLoS ONE, 2015, 10, e0142277.	2.5	8
9	Optical tweezers study of membrane fluidity in small cell lung cancer cells. Optics Express, 2021, 29, 11976.	3.4	6
10	Conformation and mechanical property of rpoS mRNA inhibitory stem studied by optical tweezers and X-ray scattering. PLoS ONE, 2019, 14, e0222938.	2.5	3
11	Rapid feedback control and stabilization of an optical tweezers with a budget microcontroller. European Journal of Physics, 2014, 35, 055009.	0.6	2
12	DNA Looping in Prophage Lambda: New Insight from Single-Molecule Microscopy. Biological and Medical Physics Series, 2010, , 193-212.	0.4	1