

Sijie Wei

List of Publications by Year in descending order

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13
papers

531
citations

1040018

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h-index

1474186

9
g-index

14
all docs

14
docs citations

14
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Methylation Increases Nucleosome Compaction and Rigidity. <i>Journal of the American Chemical Society</i> , 2010, 132, 1782-1783.	13.7	233
2	Sumoylated Human Histone H4 Prevents Chromatin Compaction by Inhibiting Long-range Internucleosomal Interactions. <i>Journal of Biological Chemistry</i> , 2014, 289, 33827-33837.	3.4	69
3	A novel hybrid single molecule approach reveals spontaneous DNA motion in the nucleosome. <i>Nucleic Acids Research</i> , 2015, 43, e111-e111.	14.5	51
4	Charge transfer and retention in directly coupled Au-CdSe nanohybrids. <i>Nano Research</i> , 2012, 5, 88-98.	10.4	49
5	Effects of Histone Acetylation by Piccolo NuA4 on the Structure of a Nucleosome and the Interactions between Two Nucleosomes. <i>Journal of Biological Chemistry</i> , 2011, 286, 11099-11109.	3.4	34
6	Chromatin structure-dependent conformations of the H1 CTD. <i>Nucleic Acids Research</i> , 2016, 44, gkw586.	14.5	30
7	Single-Molecule Observation Reveals Spontaneous Protein Dynamics in the Nucleosome. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8925-8931.	2.6	24
8	Fluorescence decay of quasimonolayered porphyrins near a metal surface separated by short-chain alkanethiols. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	23
9	Single-Molecule Studies of the Linker Histone H1 Binding to DNA and the Nucleosome. <i>Biochemistry</i> , 2016, 55, 2069-2077.	2.5	18
10	DNA Methylation Induces a More Compact and Rigid Nucleosome Structure. <i>Biophysical Journal</i> , 2010, 98, 475a.	0.5	0
11	Effects of Covalent Modifications on the Structure and Assembly of Nucleosomes. <i>Biophysical Journal</i> , 2012, 102, 481a.	0.5	0
12	Internucleosomal Interactions Monitored at a Single Molecule Level. <i>Biophysical Journal</i> , 2013, 104, 515a.	0.5	0
13	A Hybrid Single Molecule Method to Investigate Sub-Nanometer Dynamics of DNA and Protein at a sub-ms Resolution. <i>Biophysical Journal</i> , 2016, 110, 635a.	0.5	0