

Wei Li

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

14,194
citations

686830

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552369

26
g-index

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all docs

27
docs citations

27
times ranked

32038
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Effect of Ubiquitinated Histone on Mononucleosomes by Translocation Dynamics Study through Solid-State Nanopores. <i>Nano Letters</i> , 2022, 22, 888-895.	4.5	12
2	H2A mono-ubiquitination differentiates FACT's functions in nucleosome assembly and disassembly. <i>Nucleic Acids Research</i> , 2022, 50, 833-846.	6.5	14
3	Curaxin-Induced DNA Topology Alterations Trigger the Distinct Binding Response of CTCF and FACT at the Single-Molecule Level. <i>Biochemistry</i> , 2021, 60, 494-499.	1.2	9
4	DNA polymerase Gp90 activities and regulations on strand displacement DNA synthesis revealed at single-molecule level. <i>FASEB Journal</i> , 2021, 35, e21607.	0.2	1
5	Revealing Differential Interaction Forces during Nanopore DNA Sequencing. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5045-5051.	1.2	3
6	Recognition of the inherently unstable H2A nucleosome by Swc2 is a major determinant for unidirectional H2A.Z exchange. <i>Cell Reports</i> , 2021, 35, 109183.	2.9	10
7	Structures and Functions of Chromatin Fibers. <i>Annual Review of Biophysics</i> , 2021, 50, 95-116.	4.5	19
8	Detection and Characterization of Single Cisplatin Adducts on DNA by Nanopore Sequencing. <i>ACS Omega</i> , 2021, 6, 17027-17034.	1.6	4
9	Histone H2A Ubiquitination Reinforces Mechanical Stability and Asymmetry at the Single-Nucleosome Level. <i>Journal of the American Chemical Society</i> , 2020, 142, 3340-3345.	6.6	19
10	Effect of Torsion on Cisplatin-Induced DNA Condensation. <i>Chinese Physics Letters</i> , 2018, 35, 118701.	1.3	2
11	Folding Dynamics of Parallel and Antiparallel G-Triplexes under the Influence of Proximal DNA. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9499-9506.	1.2	16
12	Dissection of structural dynamics of chromatin fibers by single-molecule magnetic tweezers. <i>Biophysics Reports</i> , 2018, 4, 222-232.	0.2	5
13	Interaction between human telomeric G-quadruplexes characterized by single molecule magnetic tweezers. <i>Chinese Physics B</i> , 2018, 27, 068701.	0.7	3
14	Functions of FACT in Breaking the Nucleosome and Maintaining Its Integrity at the Single-Nucleosome Level. <i>Molecular Cell</i> , 2018, 71, 284-293.e4.	4.5	87
15	Effects of monovalent cations on folding kinetics of G-quadruplexes. <i>Bioscience Reports</i> , 2017, 37, .	1.1	32
16	Folding Kinetics of Single Human Telomeric G-Quadruplex Affected by Cisplatin. <i>ACS Omega</i> , 2016, 1, 244-250.	1.6	10
17	FACT Remodels the Tetranucleosomal Unit of Chromatin Fibers for Gene Transcription. <i>Molecular Cell</i> , 2016, 64, 120-133.	4.5	74
18	Complex kinetics of DNA condensation revealed through DNA twist tracing. <i>Physical Review E</i> , 2015, 92, 022707.	0.8	7

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19	Catch-bond behavior of DNA condensate under tension. Chinese Physics B, 2015, 24, 128704.	0.7	2
20	Revealing Three Stages of DNA-Cisplatin Reaction by a Solid-State Nanopore. Scientific Reports, 2015, 5, 11868.	1.6	12
21	Effects of oxaliplatin on DNA condensation. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2114-2120.	2.0	2
22	Direct Measurement of Sequential Folding Pathway and Energy Landscape of Human Telomeric G-quadruplex Structures. Journal of the American Chemical Society, 2013, 135, 6423-6426.	6.6	93
23	H3.3 actively marks enhancers and primes gene transcription via opening higher-ordered chromatin. Genes and Development, 2013, 27, 2109-2124.	2.7	185
24	Oxaliplatin and Its Enantiomer Induce Different Condensation Dynamics of Single DNA Molecules. PLoS ONE, 2013, 8, e71556.	1.1	18
25	Elastic response and length change of single DNA molecules induced by a combination of cisplatin and transplatin. Physical Review E, 2012, 85, 021918.	0.8	17
26	Impact of DNA Twist Accumulation on Progressive Helical Wrapping of Torsionally Constrained DNA. Physical Review Letters, 2012, 109, 218102.	2.9	21
27	Model-based Analysis of ChIP-Seq (MACS). Genome Biology, 2008, 9, R137.	13.9	13,517