

Jaehyoun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

309
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	CENP-C directs a structural transition of CENP-A nucleosomes mainly through sliding of DNA gyres. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 204-208.	8.2	73
2	The elongation factor Spt4/5 regulates RNA polymerase II transcription through the nucleosome. <i>Nucleic Acids Research</i> , 2017, 45, 6362-6374.	14.5	60
3	Dynamics of Nucleosome Assembly and Effects of DNA Methylation. <i>Journal of Biological Chemistry</i> , 2015, 290, 4291-4303.	3.4	39
4	Lysine Acetylation Facilitates Spontaneous DNA Dynamics in the Nucleosome. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15001-15005.	2.6	37
5	Single-Molecule Investigations on Histone H2A-H2B Dynamics in the Nucleosome. <i>Biochemistry</i> , 2017, 56, 977-985.	2.5	25
6	Single-Molecule Observation Reveals Spontaneous Protein Dynamics in the Nucleosome. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8925-8931.	2.6	24
7	Single-molecule FRET method to investigate the dynamics of transcription elongation through the nucleosome by RNA polymerase II. <i>Methods</i> , 2019, 159-160, 51-58.	3.8	19
8	How Protein Binding Sensitizes the Nucleosome to Histone H3K56 Acetylation. <i>ACS Chemical Biology</i> , 2019, 14, 506-515.	3.4	15
9	Yeast Nuak1 phosphorylates histone H3 threonine 11 in low glucose stress by the cooperation of AMPK and CK2 signaling. <i>ELife</i> , 2020, 9, .	6.0	7
10	The plasticity of the pyruvate dehydrogenase complex confers a labile structure that is associated with its catalytic activity. <i>PLoS ONE</i> , 2020, 15, e0243489.	2.5	5
11	When histones are under glucose starvation. <i>Journal of Biosciences</i> , 2020, 45, 1.	1.1	3
12	When histones are under glucose starvation. <i>Journal of Biosciences</i> , 2020, 45, .	1.1	1