

Guang Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4491665/publications.pdf>

Version: 2024-02-01

9
papers

299
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Interphase human chromosome exhibits out of equilibrium glassy dynamics. Nature Communications, 2018, 9, 3161.	12.8	127
2	Chain organization of human interphase chromosome determines the spatiotemporal dynamics of chromatin loci. PLoS Computational Biology, 2018, 14, e1006617.	3.2	71
3	Conformational heterogeneity in human interphase chromosome organization reconciles the FISH and Hi-C paradox. Nature Communications, 2019, 10, 3894.	12.8	27
4	Theory and simulations of condensin mediated loop extrusion in DNA. Nature Communications, 2021, 12, 5865.	12.8	20
5	Chromatin dynamics controls epigenetic domain formation. Biophysical Journal, 2022, 121, 2895-2905.	0.5	13
6	From Hi-C Contact Map to Three-Dimensional Organization of Interphase Human Chromosomes. Physical Review X, 2021, 11, .	8.9	12
7	Phase Transitions of Oppositely Charged Colloidal Particles Driven by Alternating Current Electric Field. ACS Nano, 2021, 15, 2363-2373.	14.6	8
8	Random First Order Transition Theory for Glassy Dynamics in a Single Condensed Polymer. Physical Review Letters, 2021, 126, 137801.	7.8	5
9	Chromatin Is Stretched but Intact When the Nucleus Is Squeezed through Constrictions. Biophysical Journal, 2017, 112, 411-412.	0.5	1