

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