

Huaiying Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,524
citations

623734

14
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

2211
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Controls PolyQ Protein Phase Transitions. <i>Molecular Cell</i> , 2015, 60, 220-230.	9.7	605
2	Biodesulfurization of Dibenzothiophene by Microbial Cells Coated with Magnetite Nanoparticles. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4497-4502.	3.1	177
3	Septin assemblies form by diffusion-driven annealing on membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2146-2151.	7.1	162
4	Protein Aggregation Behavior Regulates Cyclin Transcript Localization and Cell-Cycle Control. <i>Developmental Cell</i> , 2013, 25, 572-584.	7.0	103
5	Nuclear body phase separation drives telomere clustering in ALT cancer cells. <i>Molecular Biology of the Cell</i> , 2020, 31, 2048-2056.	2.1	79
6	Optogenetic control of kinetochore function. <i>Nature Chemical Biology</i> , 2017, 13, 1096-1101.	8.0	71
7	Biophysical characterization of organelle-based RNA/protein liquid phases using microfluidics. <i>Soft Matter</i> , 2016, 12, 9142-9150.	2.7	61
8	Surface modification of γ -Al ₂ O ₃ nano-particles with gum arabic and its applications in adsorption and biodesulfurization. <i>Surface and Coatings Technology</i> , 2007, 201, 6917-6921.	4.8	47
9	Ploidy variation in multinucleate cells changes under stress. <i>Molecular Biology of the Cell</i> , 2015, 26, 1129-1140.	2.1	38
10	Reversible Control of Protein Localization in Living Cells Using a Photocaged-Photocleavable Chemical Dimerizer. <i>Journal of the American Chemical Society</i> , 2018, 140, 11926-11930.	13.7	37
11	Coupling between cytoplasmic concentration gradients through local control of protein mobility in the <i>Caenorhabditis elegans</i> zygote. <i>Molecular Biology of the Cell</i> , 2015, 26, 2963-2970.	2.1	24
12	PREPARATION OF (Ni/W)- γ -Al ₂ O ₃ MICROSPHERES AND THEIR APPLICATION IN ADSORPTION DESULFURIZATION FOR MODEL GASOLINE. <i>Chemical Engineering Communications</i> , 2007, 194, 938-945.	2.6	22
13	Tension promotes kinetochore microtubule release by Aurora B kinase. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	20
14	Selection of adsorbents for in-situ coupling technology of adsorptive desulfurization and biodesulfurization. <i>Science in China Series B: Chemistry</i> , 2008, 51, 69-77.	0.8	14
15	The glassiness of hardening protein droplets. <i>Science</i> , 2020, 370, 1271-1272.	12.6	14
16	Concentration dependence of lipopolymer self-diffusion in supported bilayer membranes. <i>Journal of the Royal Society Interface</i> , 2011, 8, 127-143.	3.4	10
17	Complexation Studied by Fluorescence Technique: Application in Desulfurization of Petroleum Product using Magnetic Complexation Sorbents. <i>Separation Science and Technology</i> , 2005, 40, 2987-2999.	2.5	9
18	Optogenetic control of mitosis with photocaged chemical dimerizers. <i>Methods in Cell Biology</i> , 2018, 144, 157-164.	1.1	8

#	ARTICLE	IF	CITATIONS
19	CRISPR Cas13-Based Tools to Track and Manipulate Endogenous Telomeric Repeat-Containing RNAs in Live Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 785160.	3.5	8
20	Lipopolymer electrophoresis in supported bilayer membranes. <i>Soft Matter</i> , 2010, 6, 5625.	2.7	5
21	Lipopolymer gradient diffusion in supported bilayer membranes. <i>Journal of the Royal Society Interface</i> , 2011, 8, 312-321.	3.4	5
22	Chemical Dimerization-Induced Protein Condensates on Telomeres. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
23	A General Strategy for the Design and Evaluation of Heterobifunctional Tools: Applications to Protein Localization and Phase Separation. <i>ChemBioChem</i> , 2022, 23, .	2.6	2
24	Front Cover: A General Strategy for the Design and Evaluation of Heterobifunctional Tools: Applications to Protein Localization and Phase Separation (<i>ChemBioChem</i> 16/2022). <i>ChemBioChem</i> , 2022, 23, .	2.6	0