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	A General Strategy for the Design and Evaluation of Heterobifunctional Tools: Applications to Protein Localization and Phase Separation. ChemBioChem, 2022, 23, .	2.6	2
2	Front Cover: A General Strategy for the Design and Evaluation of Heterobifunctional Tools: Applications to Protein Localization and Phase Separation (ChemBioChem 16/2022). ChemBioChem, 2022, 23, .	2.6	0
3	Chemical Dimerization-Induced Protein Condensates on Telomeres. Journal of Visualized Experiments, 2021, , .	0.3	2
4	Tension promotes kinetochoreâ€“microtubule release by Aurora B kinase. Journal of Cell Biology, 2021, 220, .	5.2	20
5	CRISPR Cas13-Based Tools to Track and Manipulate Endogenous Telomeric Repeat-Containing RNAs in Live Cells. Frontiers in Molecular Biosciences, 2021, 8, 785160.	3.5	8
6	The glassiness of hardening protein droplets. Science, 2020, 370, 1271-1272.	12.6	14
7	Nuclear body phase separation drives telomere clustering in ALT cancer cells. Molecular Biology of the Cell, 2020, 31, 2048-2056.	2.1	79
8	Reversible Control of Protein Localization in Living Cells Using a Photocaged-Photocleavable Chemical Dimerizer. Journal of the American Chemical Society, 2018, 140, 11926-11930.	13.7	37
9	Optogenetic control of mitosis with photocaged chemical dimerizers. Methods in Cell Biology, 2018, 144, 157-164.	1.1	8
10	Optogenetic control of kinetochore function. Nature Chemical Biology, 2017, 13, 1096-1101.	8.0	71
11	Biophysical characterization of organelle-based RNA/protein liquid phases using microfluidics. Soft Matter, 2016, 12, 9142-9150.	2.7	61
12	RNA Controls PolyQ Protein Phase Transitions. Molecular Cell, 2015, 60, 220-230.	9.7	605
13	Coupling between cytoplasmic concentration gradients through local control of protein mobility in theCaenorhabditis eleganszygote. Molecular Biology of the Cell, 2015, 26, 2963-2970.	2.1	24
14	Ploidy variation in multinucleate cells changes under stress. Molecular Biology of the Cell, 2015, 26, 1129-1140.	2.1	38
15	Septin assemblies form by diffusion-driven annealing on membranes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2146-2151.	7.1	162
16	Protein Aggregation Behavior Regulates Cyclin Transcript Localization and Cell-Cycle Control. Developmental Cell, 2013, 25, 572-584.	7.0	103
17	Concentration dependence of lipopolymer self-diffusion in supported bilayer membranes. Journal of the Royal Society Interface, 2011, 8, 127-143.	3.4	10
18	Lipopolymer gradient diffusion in supported bilayer membranes. Journal of the Royal Society Interface, 2011, 8, 312-321.	3.4	5

#	Article	IF	Citations
19	Lipopolymer electrophoresis in supported bilayer membranes. Soft Matter, 2010, 6, 5625.	2.7	5
20	Selection of adsorbents for in-situ coupling technology of adsorptive desulfurization and biodesulfurization. Science in China Series B: Chemistry, 2008, 51, 69-77.	0.8	14
21	PREPARATION OF (Ni/W)-Î³-Al2O3MICROSPHERES AND THEIR APPLICATION IN ADSORPTION DESULFURIZATION FOR MODEL GASOLINE. Chemical Engineering Communications, 2007, 194, 938-945.	2.6	22
22	Surface modification of Î³-Al2O3 nano-particles with gum arabic and its applications in adsorption and biodesulfurization. Surface and Coatings Technology, 2007, 201, 6917-6921.	4.8	47
23	Ï€â€Complexation Studied by Fluorescence Technique: Application in Desulfurization of Petroleum Product using Magnetic Ï€â€Complexation Sorbents. Separation Science and Technology, 2005, 40, 2987-2999.	2.5	9
24	Biodesulfurization of Dibenzothiophene by Microbial Cells Coated with Magnetite Nanoparticles. Applied and Environmental Microbiology, 2005, 71, 4497-4502.	3.1	177