

Sagun Jonchhe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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1163117

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1058476

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all docs

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docs citations

15
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissection of nanoconfinement and proximity effects on the binding events in DNA origami nanocavity. <i>Nucleic Acids Research</i> , 2022, 50, 697-703.	14.5	9
2	Small Molecules Modulate Liquid-to-Solid Transitions in Phase-Separated Tau Condensates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	16
3	Mechanical unfolding of ensemble biomolecular structures by shear force. <i>Chemical Science</i> , 2021, 12, 10159-10164.	7.4	7
4	Chemo-Mechanical Modulation of Cell Motions Using DNA Nanosprings. <i>Bioconjugate Chemistry</i> , 2021, 32, 311-317.	3.6	20
5	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020, 19, 1012-1018.	27.5	62
6	Ensemble Sensing Using Single-Molecule DNA Copolymers. <i>Analytical Chemistry</i> , 2020, 92, 13126-13133.	6.5	8
7	Duplex DNA Is Weakened in Nanoconfinement. <i>Journal of the American Chemical Society</i> , 2020, 142, 10042-10049.	13.7	24
8	Single-Molecule Mechanochemical Sensing Using DNA Origami Nanostructures. <i>Methods in Molecular Biology</i> , 2019, 2027, 171-180.	0.9	1
9	Binding of a Telomestatin Derivative Changes the Mechanical Anisotropy of a Human Telomeric G-Quadruplex. <i>Angewandte Chemie</i> , 2019, 131, 887-891.	2.0	1
10	Binding of a Telomestatin Derivative Changes the Mechanical Anisotropy of a Human Telomeric G-Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 877-881.	13.8	12
11	A New Concentration Jump Strategy Reveals the Lifetime of i-Motif at Physiological pH without Force. <i>Analytical Chemistry</i> , 2018, 90, 3205-3210.	6.5	10
12	Single-Molecule Mechanochemical pH Sensing Revealing the Proximity Effect of Hydroniums Generated by an Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2018, 90, 1718-1724.	6.5	7
13	Decreased water activity in nanoconfinement contributes to the folding of G-quadruplex and i-motif structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9539-9544.	7.1	46
14	Confined space facilitates G-quadruplex formation. <i>Nature Nanotechnology</i> , 2017, 12, 582-588.	31.5	76
15	Small Molecules Modulate Liquid-to-Solid Transitions in Phase-Separated Tau Condensates. <i>Angewandte Chemie</i> , 0, , .	2.0	3