

# Sagun Jonchhe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9269883/publications.pdf>

Version: 2024-02-01

15  
papers

302  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

368  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Confined space facilitates G-quadruplex formation. <i>Nature Nanotechnology</i> , 2017, 12, 582-588.  | 31.5 | 76        |
| 2  | A poly(thymine)â€“melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020, 19, 1012-1018.   | 27.5 | 62        |
| 3  | 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        |
| 4  | Duplex DNA Is Weakened in Nanoconfinement. <i>Journal of the American Chemical Society</i> , 2020, 142, 10042-10049.  | 13.7 | 24        |
| 5  | Chemo-Mechanical Modulation of Cell Motions Using DNA Nanosprings. <i>Bioconjugate Chemistry</i> , 2021, 32, 311-317.   | 3.6  | 20        |
| 6  | Small Molecules Modulate Liquidâ€“toâ€“Solid Transitions in Phaseâ€“Separated Tau Condensates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .   | 13.8 | 16        |
| 7  | Binding of a Telomestatin Derivative Changes the Mechanical Anisotropy of a Human Telomeric Câ€“Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 877-881.   | 13.8 | 12        |
| 8  | 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        |
| 9  | 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         |
| 10 | Ensemble Sensing Using Single-Molecule DNA Copolymers. <i>Analytical Chemistry</i> , 2020, 92, 13126-13133.   | 6.5  | 8         |
| 11 | 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         |
| 12 | Mechanical unfolding of ensemble biomolecular structures by shear force. <i>Chemical Science</i> , 2021, 12, 10159-10164.   | 7.4  | 7         |
| 13 | Small Molecules Modulate Liquidâ€“toâ€“Solid Transitions in Phaseâ€“Separated Tau Condensates. <i>Angewandte Chemie</i> , 0, , .  | 2.0  | 3         |
| 14 | Single-Molecule Mechanochemical Sensing Using DNA Origami Nanostructures. <i>Methods in Molecular Biology</i> , 2019, 2027, 171-180.  | 0.9  | 1         |
| 15 | Binding of a Telomestatin Derivative Changes the Mechanical Anisotropy of a Human Telomeric Câ€“Quadruplex. <i>Angewandte Chemie</i> , 2019, 131, 887-891.  | 2.0  | 1         |