# Jin Chen

## List of Publications by Year in descending order



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|---|---|---|---|
| 26 papers | 2,387 citations | 331538 21 h-index | 610775 24 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 2817 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The dark proteome: translation from noncanonical open reading frames. Trends in Cell Biology, 2022, 32, 243-258. | 3.6 | 63 |
| 2 | Machine learning predicts translation initiation sites in neurologic diseases with nucleotide repeat expansions. PLoS ONE, 2022, 17, e0256411. | 1.1 | 17 |
| 3 | Standardized annotation of translated open reading frames. Nature Biotechnology, 2022, 40, 994-999. | 9.4 | 86 |
| 4 | Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing. Cell, 2021, 184, 2503-2519.e17. | 13.5 | 312 |
| 5 | Structured elements drive extensive circular RNA translation. Molecular Cell, 2021, 81, 4300-4318.e13. | 4.5 | 108 |
| 6 | A CRISPR/Cas9-Engineered ARID1A-Deficient Human Gastric Cancer Organoid Model Reveals Essential and Nonessential Modes of Oncogenic Transformation. Cancer Discovery, 2021, 11, 1562-1581. | 7.7 | 75 |
| 7 | Pervasive functional translation of noncanonical human open reading frames. Science, 2020, 367, 1140-1146. | 6.0 | 400 |
| 8 | Combinatorial single-cell CRISPR screens by direct guide RNA capture and targeted sequencing. Nature Biotechnology, 2020, 38, 954-961. | 9.4 | 232 |
| 9 | The molecular choreography of protein synthesis: translational control, regulation, and pathways. Quarterly Reviews of Biophysics, 2016, 49, e11. | 2.4 | 14 |
| 10 | Multiple Parallel Pathways of Translation Initiation on the CrPV IRES. Molecular Cell, 2016, 62, 92-103. | 4.5 | 59 |
| 11 | Amino acid sequence repertoire of the bacterial proteome and the occurrence of untranslatable sequences. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7166-7170. | 3.3 | 15 |
| 12 | N6-methyladenosine in mRNA disrupts tRNA selection and translation-elongation dynamics. Nature Structural and Molecular Biology, 2016, 23, 110-115. | 3.6 | 202 |
| 13 | Coupling of mRNA Structure Rearrangement to Ribosome Movement during Bypassing of Non-coding Regions. Cell, 2015, 163, 1267-1280. | 13.5 | 42 |
| 14 | Kinetic pathway of 40S ribosomal subunit recruitment to hepatitis C virus internal ribosome entry site. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 319-325. | 3.3 | 46 |
| 15 | Signal Recognition Particle-ribosome Binding Is Sensitive to Nascent Chain Length. Journal of Biological Chemistry, 2014, 289, 19294-19305. | 1.6 | 39 |
| 16 | Sequence-Dependent Elongation Dynamics on Macrolide-Bound Ribosomes. Cell Reports, 2014, 7, 1534-1546. | 2.9 | 36 |
| 17 | High-throughput platform for real-time monitoring of biological processes by multicolor single-molecule fluorescence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 664-669. | 3.3 | 123 |
| 18 | The Dynamics of SecM-Induced Translational Stalling. Cell Reports, 2014, 7, 1521-1533. | 2.9 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dynamic pathways of â^'1 translational frameshifting. Nature, 2014, 512, 328-332. | 13.7 | 147 |
| 20 | Real-time observation of signal recognition particle binding to actively translating ribosomes. ELife, 2014, 3, . | 2.8 | 41 |
| 21 | Coordinated conformational and compositional dynamics drive ribosome translocation. Nature Structural and Molecular Biology, 2013, 20, 718-727. | 3.6 | 117 |
| 22 | 1SBP-03 Dynamics of translation elongation in real time(1SBP Advanced Single Molecule Sequencing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf<br>53, S87. | 0.0 | 0 |
| 23 | Unraveling the dynamics of ribosome translocation. Current Opinion in Structural Biology, 2012, 22, 804-814. | 2.6 | 58 |
| 24 | Nonfluorescent Quenchers To Correlate Single-Molecule Conformational and Compositional Dynamics. Journal of the American Chemical Society, 2012, 134, 5734-5737. | 6.6 | 39 |
| 25 | Realâ€Time Dynamics of Translation. FASEB Journal, 2012, 26, 90.1. | 0.2 | 0 |
| 26 | Î²-Adrenergic Receptor Activation Inhibits Keratinocyte Migration via a Cyclic Adenosine Monophosphate-independent Mechanism. Journal of Investigative Dermatology, 2002, 119, 1261-1268. | 0.3 | 49 |