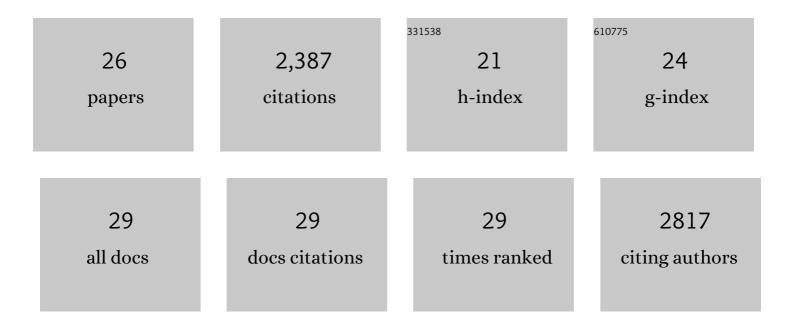
Jin Chen

List of Publications by Year in descending order

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#	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 <i>>ARID1A</i> >-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

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#	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 53, S87.	0 0 rgBT / 0.0	Overlock 10 Ti 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	Ο
26	β-Adrenergic Receptor Activation Inhibits Keratinocyte Migration via a Cyclic Adenosine Monophosphate-independent Mechanism. Journal of Investigative Dermatology, 2002, 119, 1261-1268.	0.3	49