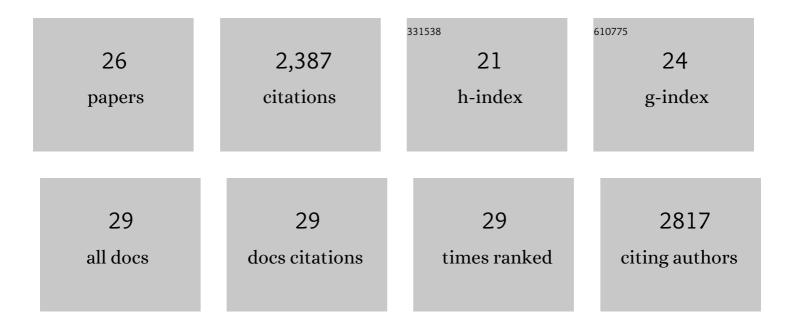
Jin Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5570635/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Pervasive functional translation of noncanonical human open reading frames. Science, 2020, 367, 1140-1146.	6.0	400
2	Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing. Cell, 2021, 184, 2503-2519.e17.	13.5	312
3	Combinatorial single-cell CRISPR screens by direct guide RNA capture and targeted sequencing. Nature Biotechnology, 2020, 38, 954-961.	9.4	232
4	N6-methyladenosine in mRNA disrupts tRNA selection and translation-elongation dynamics. Nature Structural and Molecular Biology, 2016, 23, 110-115.	3.6	202
5	Dynamic pathways of â^1 translational frameshifting. Nature, 2014, 512, 328-332.	13.7	147
6	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
7	Coordinated conformational and compositional dynamics drive ribosome translocation. Nature Structural and Molecular Biology, 2013, 20, 718-727.	3.6	117
8	Structured elements drive extensive circular RNA translation. Molecular Cell, 2021, 81, 4300-4318.e13.	4.5	108
9	Standardized annotation of translated open reading frames. Nature Biotechnology, 2022, 40, 994-999.	9.4	86
10	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
11	The dark proteome: translation from noncanonical open reading frames. Trends in Cell Biology, 2022, 32, 243-258.	3.6	63
12	Multiple Parallel Pathways of Translation Initiation on the CrPV IRES. Molecular Cell, 2016, 62, 92-103.	4.5	59
13	Unraveling the dynamics of ribosome translocation. Current Opinion in Structural Biology, 2012, 22, 804-814.	2.6	58
14	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
15	The Dynamics of SecM-Induced Translational Stalling. Cell Reports, 2014, 7, 1521-1533.	2.9	48
16	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
17	Coupling of mRNA Structure Rearrangement to Ribosome Movement during Bypassing of Non-coding Regions. Cell, 2015, 163, 1267-1280.	13.5	42
18	Real-time observation of signal recognition particle binding to actively translating ribosomes. ELife, 2014, 3, .	2.8	41

JIN CHEN

#	Article	IF	CITATIONS
19	Nonfluorescent Quenchers To Correlate Single-Molecule Conformational and Compositional Dynamics. Journal of the American Chemical Society, 2012, 134, 5734-5737.	6.6	39
20	Signal Recognition Particle-ribosome Binding Is Sensitive to Nascent Chain Length. Journal of Biological Chemistry, 2014, 289, 19294-19305.	1.6	39
21	Sequence-Dependent Elongation Dynamics on Macrolide-Bound Ribosomes. Cell Reports, 2014, 7, 1534-1546.	2.9	36
22	Machine learning predicts translation initiation sites in neurologic diseases with nucleotide repeat expansions. PLoS ONE, 2022, 17, e0256411.	1.1	17
23	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
24	The molecular choreography of protein synthesis: translational control, regulation, and pathways. Quarterly Reviews of Biophysics, 2016, 49, e11.	2.4	14
25	1SBP-03 Dynamics of translation elongation in real time(1SBP Advanced Single Molecule Sequencing) Tj ETQq1 1 53, S87.	0.78431 0.0	4 rgBT /Overl 0
26	Realâ€Time Dynamics of Translation. FASEB Journal, 2012, 26, 90.1.	0.2	0

Realâ€Time Dynamics of Translation. FASEB Journal, 2012, 26, 90.1. 26

0.2