

Jin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5570635/publications.pdf>

Version: 2024-02-01

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	Pervasive functional translation of noncanonical human open reading frames. <i>Science</i> , 2020, 367, 1140-1146.	6.0	400
2	Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing. <i>Cell</i> , 2021, 184, 2503-2519.e17.	13.5	312
3	Combinatorial single-cell CRISPR screens by direct guide RNA capture and targeted sequencing. <i>Nature Biotechnology</i> , 2020, 38, 954-961.	9.4	232
4	N6-methyladenosine in mRNA disrupts tRNA selection and translation-elongation dynamics. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 110-115.	3.6	202
5	Dynamic pathways of ~ 1 translational frameshifting. <i>Nature</i> , 2014, 512, 328-332.	13.7	147
6	High-throughput platform for real-time monitoring of biological processes by multicolor single-molecule fluorescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 664-669.	3.3	123
7	Coordinated conformational and compositional dynamics drive ribosome translocation. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 718-727.	3.6	117
8	Structured elements drive extensive circular RNA translation. <i>Molecular Cell</i> , 2021, 81, 4300-4318.e13.	4.5	108
9	Standardized annotation of translated open reading frames. <i>Nature Biotechnology</i> , 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. <i>Cancer Discovery</i> , 2021, 11, 1562-1581.	7.7	75
11	The dark proteome: translation from noncanonical open reading frames. <i>Trends in Cell Biology</i> , 2022, 32, 243-258.	3.6	63
12	Multiple Parallel Pathways of Translation Initiation on the CrPV IRES. <i>Molecular Cell</i> , 2016, 62, 92-103.	4.5	59
13	Unraveling the dynamics of ribosome translocation. <i>Current Opinion in Structural Biology</i> , 2012, 22, 804-814.	2.6	58
14	β_2 -Adrenergic Receptor Activation Inhibits Keratinocyte Migration via a Cyclic Adenosine Monophosphate-independent Mechanism. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1261-1268.	0.3	49
15	The Dynamics of SecM-Induced Translational Stalling. <i>Cell Reports</i> , 2014, 7, 1521-1533.	2.9	48
16	Kinetic pathway of 40S ribosomal subunit recruitment to hepatitis C virus internal ribosome entry site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 319-325.	3.3	46
17	Coupling of mRNA Structure Rearrangement to Ribosome Movement during Bypassing of Non-coding Regions. <i>Cell</i> , 2015, 163, 1267-1280.	13.5	42
18	Real-time observation of signal recognition particle binding to actively translating ribosomes. <i>ELife</i> , 2014, 3, .	2.8	41

#	ARTICLE	IF	CITATIONS
19	Nonfluorescent Quenchers To Correlate Single-Molecule Conformational and Compositional Dynamics. <i>Journal of the American Chemical Society</i> , 2012, 134, 5734-5737.	6.6	39
20	Signal Recognition Particle-ribosome Binding Is Sensitive to Nascent Chain Length. <i>Journal of Biological Chemistry</i> , 2014, 289, 19294-19305.	1.6	39
21	Sequence-Dependent Elongation Dynamics on Macrolide-Bound Ribosomes. <i>Cell Reports</i> , 2014, 7, 1534-1546.	2.9	36
22	Machine learning predicts translation initiation sites in neurologic diseases with nucleotide repeat expansions. <i>PLoS ONE</i> , 2022, 17, e0256411.	1.1	17
23	Amino acid sequence repertoire of the bacterial proteome and the occurrence of untranslatable sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7166-7170.	3.3	15
24	The molecular choreography of protein synthesis: translational control, regulation, and pathways. <i>Quarterly Reviews of Biophysics</i> , 2016, 49, e11.	2.4	14
25	1SBP-03 Dynamics of translation elongation in real time(1SBP Advanced Single Molecule Sequencing) Tj ETQq1 1 0.784314 rgBT /Overl 53, S87.	0.0	0
26	Real-time Dynamics of Translation. <i>FASEB Journal</i> , 2012, 26, 90.1.	0.2	0