

Christoph Engel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1653673/publications.pdf>

Version: 2024-02-01

21
papers

1,126
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA polymerase I structure and transcription regulation. <i>Nature</i> , 2013, 502, 650-655.	27.8	193
2	FlhA provides the adaptor for coordinated delivery of late flagella building blocks to the type III secretion system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11295-11300.	7.1	154
3	Structure of the NLRP3 decamer bound to the cytokine release inhibitor CRID3. <i>Nature</i> , 2022, 604, 184-189.	27.8	109
4	Structural Basis of RNA Polymerase I Transcription Initiation. <i>Cell</i> , 2017, 169, 120-131.e22.	28.9	101
5	Mechanisms of backtrack recovery by RNA polymerases I and II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2946-2951.	7.1	98
6	Structure of RNA polymerase I transcribing ribosomal DNA genes. <i>Nature</i> , 2016, 540, 607-610.	27.8	79
7	Distinct Mechanisms of Transcription Initiation by RNA Polymerases I and II. <i>Annual Review of Biophysics</i> , 2018, 47, 425-446.	10.0	63
8	RNA polymerase I-Rn3 complex at 4.8 Å... resolution. <i>Nature Communications</i> , 2016, 7, 12129.	12.8	58
9	Structure of human RNA polymerase III. <i>Nature Communications</i> , 2020, 11, 6409.	12.8	50
10	DNA origami-based single-molecule force spectroscopy elucidates RNA Polymerase III pre-initiation complex stability. <i>Nature Communications</i> , 2020, 11, 2828.	12.8	36
11	Transcription initiation factor TBP: old friend new questions. <i>Biochemical Society Transactions</i> , 2019, 47, 411-423.	3.4	32
12	Structural basis of RNA polymerase I pre-initiation complex formation and promoter melting. <i>Nature Communications</i> , 2020, 11, 1206.	12.8	28
13	Conserved strategies of RNA polymerase I hibernation and activation. <i>Nature Communications</i> , 2021, 12, 758.	12.8	26
14	RNA polymerase I (Pol I) passage through nucleosomes depends on Pol I subunits binding its lobe structure. <i>Journal of Biological Chemistry</i> , 2020, 295, 4782-4795.	3.4	21
15	Cytosine base modifications regulate DNA duplex stability and metabolism. <i>Nucleic Acids Research</i> , 2021, 49, 12870-12894.	14.5	21
16	An alternative RNA polymerase I structure reveals a dimer hinge. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1850-1855.	2.5	16
17	DNA Intercalators Inhibit Eukaryotic Ribosomal RNA Synthesis by Impairing the Initiation of Transcription. <i>Genes</i> , 2021, 12, 1412.	2.4	10
18	Snapshots of RNA polymerase III in action – A mini review. <i>Gene</i> , 2022, 821, 146282.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Purification of Crystallization-Grade RNA Polymerase I from <i>S. cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2016, 1455, 85-97.	0.9	4
20	Preparation of RNA Polymerase Complexes for Their Analysis by Single-Particle Cryo-Electron Microscopy. <i>Methods in Molecular Biology</i> , 2022, , 81-96.	0.9	3
21	Structural Studies of Eukaryotic RNA Polymerase I Using Cryo-Electron Microscopy. <i>Methods in Molecular Biology</i> , 2022, , 71-80.	0.9	3