Christian Dienemann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3435619/publications.pdf

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21 papers	2,869 citations	471509 17 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	3966 citing authors

#	Article	IF	Citations
1	Structure of replicating SARS-CoV-2 polymerase. Nature, 2020, 584, 154-156.	27.8	627
2	Mechanism of molnupiravir-induced SARS-CoV-2 mutagenesis. Nature Structural and Molecular Biology, 2021, 28, 740-746.	8.2	450
3	Mechanism of SARS-CoV-2 polymerase stalling by remdesivir. Nature Communications, 2021, 12, 279.	12.8	412
4	Multi-particle cryo-EM refinement with M visualizes ribosome-antibiotic complex at 3.5â€‰Ã… in cells. Nature Methods, 2021, 18, 186-193.	19.0	265
5	Nucleosome-bound SOX2 and SOX11 structures elucidate pioneer factor function. Nature, 2020, 580, 669-672.	27.8	177
6	Structural basis of TFIIH activation for nucleotide excision repair. Nature Communications, 2019, 10, 2885.	12.8	112
7	Structure of the transcription coactivator SAGA. Nature, 2020, 577, 717-720.	27.8	112
8	Structure of SWI/SNF chromatin remodeller RSC bound to a nucleosome. Nature, 2020, 579, 448-451.	27.8	106
9	Structural basis of Integrator-mediated transcription regulation. Science, 2021, 374, 883-887.	12.6	78
10	Structure of the human Mediatorâ€“RNA polymerase II pre-initiation complex. Nature, 2021, 594, 129-133.	27.8	73
11	Neutralization of SARSâ€CoVâ€2 by highly potent, hyperthermostable, and mutationâ€tolerant nanobodies. EMBO Journal, 2021, 40, e107985.	7.8	69
12	Promoter Distortion and Opening in the RNA Polymerase II Cleft. Molecular Cell, 2019, 73, 97-106.e4.	9.7	65
13	Structure of H3K36-methylated nucleosomeâ€“PWWP complex reveals multivalent cross-gyre binding. Nature Structural and Molecular Biology, 2020, 27, 8-13.	8.2	57
14	Structural basis of RNA processing by human mitochondrial RNase P. Nature Structural and Molecular Biology, 2021, 28, 713-723.	8.2	48
15	Structure of RNA polymerase II pre-initiation complex at 2.9ÅÃ… defines initial DNA opening. Cell, 2021, 184, 4064-4072.e28.	28.9	42
16	Structural Basis of Poxvirus Transcription: Vaccinia RNA Polymerase Complexes. Cell, 2019, 179, 1537-1550.e19.	28.9	41
17	Structural Basis of Poxvirus Transcription: Transcribing and Capping Vaccinia Complexes. Cell, 2019, 179, 1525-1536.e12.	28.9	37
18	Allosteric transcription stimulation by RNA polymerase II super elongation complex. Molecular Cell, 2021, 81, 3386-3399.e10.	9.7	17

#	Article	IF	Citations
19	Cryo-EM structure of mammalian RNA polymerase II in complex with human RPAP2. Communications Biology, 2021, 4, 606.	4.4	11
20	The structure of a dimeric form of SARS-CoV-2 polymerase. Communications Biology, 2021, 4, 999.	4.4	9
21	Structure of an inactive RNA polymerase II dimer. Nucleic Acids Research, 2021, 49, 10747-10755.	14.5	8