

# Peter P Cheung

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,124  
citations

840776

11  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. <i>Antiviral Research</i> , 2020, 178, 104786.	4.1	737
2	Effectiveness of heterologous and homologous covid-19 vaccine regimens: living systematic review with network meta-analysis. <i>BMJ, The</i> , 0, , e069989.	6.0	78
3	Elucidation of the Dynamics of Transcription Elongation by RNA Polymerase II using Kinetic Network Models. <i>Accounts of Chemical Research</i> , 2016, 49, 687-694.	15.6	49
4	Identifying the species-origin of faecal droppings used for avian influenza virus surveillance in wild-birds. <i>Journal of Clinical Virology</i> , 2009, 46, 90-93.	3.1	37
5	1â€²-Ribose cyano substitution allows Remdesivir to effectively inhibit nucleotide addition and proofreading during SARS-CoV-2 viral RNA replication. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5852-5863.	2.8	33
6	Role of bacterial RNA polymerase gate opening dynamics in DNA loading and antibiotics inhibition elucidated by quasi-Markov State Model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30
7	Elucidating molecular mechanisms of functional conformational changes of proteins via Markov state models. <i>Current Opinion in Structural Biology</i> , 2021, 67, 69-77.	5.7	27
8	Molecular mechanisms of RNA polymerase II transcription elongation elucidated by kinetic network models. <i>Current Opinion in Structural Biology</i> , 2018, 49, 54-62.	5.7	23
9	Diagnostic performances of common nucleic acid tests for SARS-CoV-2 in hospitals and clinics: a systematic review and meta-analysis. <i>Lancet Microbe, The</i> , 2021, 2, e704-e714.	7.3	23
10	Comparative mutational analyses of influenza A viruses. <i>Rna</i> , 2015, 21, 36-47.	3.5	16
11	Two symmetric arginine residues play distinct roles in <i>Thermus thermophilus</i> Argonaute DNA guide strand-mediated DNA target cleavage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 845-853.	7.1	15
12	Intrinsic cleavage of RNA polymerase II adopts a nucleobase-independent mechanism assisted by transcript phosphate. <i>Nature Catalysis</i> , 2019, 2, 228-235.	34.4	13
13	The mechanism of action of T-705 as a unique delayed chain terminator on influenza viral polymerase transcription. <i>Biophysical Chemistry</i> , 2021, 277, 106652.	2.8	12
14	Entropy of stapled peptide inhibitors in free state is the major contributor to the improvement of binding affinity with the GK domain. <i>RSC Chemical Biology</i> , 2021, 2, 1274-1284.	4.1	8
15	Uncovering mechanisms of RT-LAMP colorimetric SARS-CoV-2 detection to improve assay reliability. <i>Analytical Methods</i> , 2022, 14, 378-382.	2.7	6
16	A novel mechanism of enhanced transcription activity and fidelity for influenza A viral RNA-dependent RNA polymerase. <i>Nucleic Acids Research</i> , 2021, 49, 8796-8810.	14.5	5
17	Identifying Transcription Error-Enriched Genomic Loci Using Nuclear Run-on Circular-Sequencing Coupled with Background Error Modeling. <i>Journal of Molecular Biology</i> , 2020, 432, 3933-3949.	4.2	2
18	Systematic comparison between BNT162b2 and CoronaVac in the seroprotection against SARS-CoV-2 Alpha, Beta, Gamma, and Delta variants. <i>Journal of Infection</i> , 2022, 84, e55-e57.	3.3	2

#	ARTICLE	IF	CITATIONS
19	The importance of external quality assessment data in evaluating SARS-CoV-2 virus genome detection assays – Authors’ reply. Lancet Microbe, The, 2022, , .	7.3	0