Pavel Skums

List of Publications by Year
in descending order

14 papers	171 citations	1307366 7 h-index	1281743 11 g-index
17 all docs	17 docs citations	17 times ranked	231 citing authors

#	Article	IF	Citations
1	Guest Editors' Introduction to the Special Section on Bioinformatics Research and Applications. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 207-208.	1.9	0
2	Guest Editors' Introduction to the Special Section on Bioinformatics Research and Applications. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 166-167.	1.9	0
3	An investigation of spatial-temporal patterns and predictions of the coronavirus 2019 pandemic in Colombia, 2020–2021. PLoS Neglected Tropical Diseases, 2022, 16, e0010228.	1.3	8
4	Unlocking capacities of genomics for the COVID-19 response and future pandemics. Nature Methods, 2022, 19, 374-380.	9.0	35
5	Sensory Nerves Impede the Formation of Tertiary Lymphoid Structures and Development of Protective Antimelanoma Immune Responses. Cancer Immunology Research, 2022, 10, 1141-1154.	1.6	13
6	Clustering Based Identification of SARS-CoV-2 Subtypes. Lecture Notes in Computer Science, 2021, , 127-141.	1.0	9
7	Development of an interactive, agent-based local stochastic model of COVID-19 transmission and evaluation of mitigation strategies illustrated for the state of Massachusetts, USA. PLoS ONE, 2021, 16, e0247182.	1.1	9
8	Transmission dynamics and forecasts of the COVID-19 pandemic in Mexico, March-December 2020. PLoS ONE, 2021, 16, e0254826.	1.1	11
9	Accurate assembly of minority viral haplotypes from next-generation sequencing through efficient noise reduction. Nucleic Acids Research, 2021, 49, e102-e102.	6.5	36
10	SARS-CoV-2 transmission dynamics in Belarus in 2020 revealed by genomic and incidence data analysis. Communications Medicine, 2021, 1, .	1.9	7
11	Quantitative differences between intra-host HCV populations from persons with recently established and persistent infections. Virus Evolution, 2021, 7, veaa103.	2.2	9
12	Graph fractal dimension and the structure of fractal networks. Journal of Complex Networks, 2020, 8, cnaa037.	1.1	10
13	Inference of mutability landscapes of tumors from single cell sequencing data. PLoS Computational Biology, 2020, 16, e1008454.	1.5	4
14	Guest Editors' Introduction to the Special Section on Bioinformatics Research and Applications. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1362-1363.	1.9	0