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	Accurate assembly of minority viral haplotypes from next-generation sequencing through efficient noise reduction. Nucleic Acids Research, 2021, 49, e102-e102.	6.5	36
2	Unlocking capacities of genomics for the COVID-19 response and future pandemics. Nature Methods, 2022, 19, 374-380.	9.0	35
3	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
4	Transmission dynamics and forecasts of the COVID-19 pandemic in Mexico, March-December 2020. PLoS ONE, 2021, 16, e0254826.	1.1	11
5	Graph fractal dimension and the structure of fractal networks. Journal of Complex Networks, 2020, 8, cnaa037.	1.1	10
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	Quantitative differences between intra-host HCV populations from persons with recently established and persistent infections. Virus Evolution, 2021, 7, veaa103.	2.2	9
9	An investigation of spatial-temporal patterns and predictions of the coronavirus 2019 pandemic in Colombia, 2020â€"2021. PLoS Neglected Tropical Diseases, 2022, 16, e0010228.	1.3	8
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	Inference of mutability landscapes of tumors from single cell sequencing data. PLoS Computational Biology, 2020, 16, e1008454.	1.5	4
12	Guest Editorsâ€™ 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
13	Guest Editorsâ€™ 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
14	Guest Editorsâ€™ 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