

Nash D Rochman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6219869/publications.pdf>

Version: 2024-02-01

16
papers

489
citations

1307594

7
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Ongoing global and regional adaptive evolution of SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	196
2	Cell tension and mechanical regulation of cell volume. Molecular Biology of the Cell, 2018, 29, 0-0.	2.1	64
3	YAP and TAZ regulate cell volume. Journal of Cell Biology, 2019, 218, 3472-3488.	5.2	39
4	Epistasis at the SARS-CoV-2 Receptor-Binding Domain Interface and the Propitiously Boring Implications for Vaccine Escape. MBio, 2022, 13, e0013522.	4.1	35
5	Cell Type Classification and Unsupervised Morphological Phenotyping From Low-Resolution Images Using Deep Learning. Scientific Reports, 2019, 9, 13467.	3.3	31
6	Deep phylogeny of cancer drivers and compensatory mutations. Communications Biology, 2020, 3, 551.	4.4	20
7	Ergodicity, hidden bias and the growth rate gain. Physical Biology, 2018, 15, 036006.	1.8	10
8	Evolution of human respiratory virus epidemics. F1000Research, 2021, 10, 447.	1.6	9
9	Substantial impact of post-vaccination contacts on cumulative infections during viral epidemics. F1000Research, 2021, 10, 315.	1.6	9
10	Human pathogenic RNA viruses establish noncompeting lineages by occupying independent niches. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
11	CTRL: a label-free method for dynamic measurement of single-cell volume. Journal of Cell Science, 2020, 133, .	2.0	7
12	Substantial impact of post-vaccination contacts on cumulative infections during viral epidemics. F1000Research, 2021, 10, 315.	1.6	7
13	The twisted tauopathies: surface interactions of helically patterned filaments seen in alzheimer's disease and elsewhere. Soft Matter, 2016, 12, 779-789.	2.7	6
14	Evolution of human respiratory virus epidemics. F1000Research, 2021, 10, 447.	1.6	5
15	Single Cell Volume Measurement Utilizing the Fluorescence Exclusion Method (FXm). Bio-protocol, 2020, 10, e3652.	0.4	2
16	Prolonged culture in aerobic environments alters Escherichia coli H ₂ production capacity. Engineering Reports, 2020, 2, e12161.	1.7	0