Somnath Tagore

List of Publications by Year
in descending order

13 papers	846 citations	1163117 8 h-index	1199594 12 g-index
20 all docs	20 docs citations	20 times ranked	1225 citing authors

#	Article	IF	Citations
1	A multi-organ chip with matured tissue niches linked by vascular flow. Nature Biomedical Engineering, 2022, 6, 351-371.	22.5	162
2	Multi-modal single-cell profiling of sarcomas from archival tissue reveals mechanisms of resistance to immune checkpoint inhibitors.. Journal of Clinical Oncology, 2022, 40, e23518-e23518.	1.6	0
3	Dissecting the treatment-naive ecosystem of human melanoma brain metastasis. Cell, 2022, 185, 2591-2608.e30.	28.9	62
4	Oncoprotein-specific molecular interaction maps (SigMaps) for cancer network analyses. Nature Biotechnology, 2021, 39, 215-224.	17.5	21
5	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	27.8	411
6	A modular master regulator landscape controls cancer transcriptional identity. Cell, 2021, 184, 334-351.e20.	28.9	78
7	Design principles of gene evolution for niche adaptation through changes in protein–protein interaction networks. Scientific Reports, 2020, 10, 15628.	3.3	1
8	ProtFus: A Comprehensive Method Characterizing Protein-Protein Interactions of Fusion Proteins. PLoS Computational Biology, 2019, 15, e1007239.	3.2	10
9	Cluster Quality based Non-Reductional (CQNR) oversampling technique and effector protein predictor based on 3D structure (EPP3D) of proteins. Computers in Biology and Medicine, 2019, 112, 103374.	7.0	1
10	Adaptive Transcriptome Profiling of Subterranean Zokor, Myospalax baileyi, to High- Altitude Stresses in Tibet. Scientific Reports, 2018, 8, 4671.	3.3	10
11	ASAPP: Architectural Similarity-based Automated Pathway Prediction System and its Application in Host-Pathogen Interactions. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 17, 1-1.	3.0	0
12	ChiTaRS-3.1—the enhanced chimeric transcripts and RNA-seq database matched with protein–protein interactions. Nucleic Acids Research, 2017, 45, D790-D795.	14.5	44
13	ChiPPI: a novel method for mapping chimeric protein–protein interactions uncovers selection principles of protein fusion events in cancer. Nucleic Acids Research, 2017, 45, 7094-7105.	14.5	33