Luca Albergante

List of Publications by Year
in descending order

17 papers	1,155 citations	1040056 9 h-index	1125743 13 g-index
21 all docs	21 docs citations	21 times ranked	2111 citing authors

#	Article	IF	Citations
1	Single-Cell Analysis Reveals Fibroblast Clusters Linked to Immunotherapy Resistance in Cancer. Cancer Discovery, 2020, 10, 1330-1351.	9.4	424
2	Thymic involution and rising disease incidence with age. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1883-1888.	7.1	228
3	Single-cell trajectories reconstruction, exploration and mapping of omics data with STREAM. Nature Communications, 2019, 10, 1903.	12.8	198
4	Unreplicated DNA remaining from unperturbed S phases passes through mitosis for resolution in daughter cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5757-64.	7.1	111
5	Robust and Scalable Learning of Complex Intrinsic Dataset Geometry via ElPiGraph. Entropy, 2020, 22, 296.	2.2	45
6	A Petri Net Model of Granulomatous Inflammation: Implications for IL-10 Mediated Control of Leishmania donovani Infection. PLoS Computational Biology, 2013, 9, e1003334.	3.2	36
7	Inevitability and containment of replication errors for eukaryotic genome lengths spanning megabase to gigabase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5765-74.	7.1	33
8	Buffered Qualitative Stability explains the robustness and evolvability of transcriptional networks. ELife, 2014, 3, e02863.	6.0	31
9	Identification of 2R-ohnologue gene families displaying the same mutation-load skew in multiple cancers. Open Biology, 2014, 4, 140029.	3.6	17
10	Faster growth with shorter antigens can explain a VSG hierarchy during African trypanosome infections: a feint attack by parasites. Scientific Reports, 2018, 8, 10922.	3.3	9
11	Quantitation of multiclonality in control and drug-treated tumour populations using high-throughput analysis of karyotypic heterogeneity. Convergent Science Physical Oncology, 2015, 1, 025001.	2.6	8
12	Universal attenuators and their interactions with feedback loops in gene regulatory networks. Nucleic Acids Research, 2017, 45, 7078-7093.	14.5	3
13	Reply to Jiménez-Alonso et al., Schooling and Zhao, and Mortazavi: Further discussion on the immunological model of carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4319-E4321.	7.1	2
14	3 tera-basepairs as a fundamental limit for robust DNA replication. Physical Biology, 2020, 17, 046002.	1.8	1
15	Automatic management of forums via artificial immune systems. International Journal of Autonomous and Adaptive Communications Systems, 2011, 4, 145.	0.3	0
16	A Petri Net Model of Granulomatous Inflammation. Lecture Notes in Computer Science, 2010, , 1-3.	1.3	0
17	Identity in the Real World. , 2010, , 104-118.		0