Raphael Mourad

List of Publications by Year
in descending order

12 papers	419 citations	1163117 8 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	1092 citing authors

#	Article	IF	Citations
1	TADreg: a versatile regression framework for TAD identification, differential analysis and rearranged 3D genome prediction. BMC Bioinformatics, 2022, 23, 82.	2.6	3
2	Performance of hybrid artificial intelligence in determining candidacy for lumbar stenosis surgery. European Spine Journal, 2022, 31, 2149-2155.	2.2	3
3	Loop extrusion as a mechanism for formation of DNA damage repair foci. Nature, 2021, 590, 660-665.	27.8	175
4	DeepG4: A deep learning approach to predict cell-type specific active G-quadruplex regions. PLoS Computational Biology, 2021, 17, e1009308.	3.2	19
5	Studying 3D genome evolution using genomic sequence. Bioinformatics, 2020, 36, 1367-1373.	4.1	5
6	Predicting double-strand DNA breaks using epigenome marks or DNA at kilobase resolution. Genome Biology, 2018, 19, 34.	8.8	26
7	Computational Identification of Genomic Features That Influence 3D Chromatin Domain Formation. PLoS Computational Biology, 2016, 12, e1004908.	3.2	31
8	Predicting the spatial organization of chromosomes using epigenetic data. Genome Biology, 2015, 16, 182.	8.8	16
9	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	12.8	66
10	Estrogen Induces Global Reorganization of Chromatin Structure in Human Breast Cancer Cells. PLoS ONE, 2014, 9, e113354.	2.5	47
11	Probabilistic graphical models for genetic association studies. Briefings in Bioinformatics, 2012, 13, 20-33.	6.5	22
12	Visualization of Pairwise and Multilocus Linkage Disequilibrium Structure Using Latent Forests. PLoS ONE, 2011, 6, e27320.	2.5	6