

Raphael Mourad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/813655/publications.pdf>

Version: 2024-02-01

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