Sushant Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3493907/publications.pdf

Version: 2024-02-01

12	1,958	932766 10	1199166 12
papers	citations	h-index	g-index

16	16	16	4547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Haplotype-resolved diverse human genomes and integrated analysis of structural variation. Science, 2021, 372, .	6.0	358
2	Whole-genome sequencing of phenotypically distinct inflammatory breast cancers reveals similar genomic alterations to non-inflammatory breast cancers. Genome Medicine, 2021, 13, 70.	3.6	8
3	SVFX: a machine learning framework to quantify the pathogenicity of structural variants. Genome Biology, 2020, 21, 274.	3.8	24
4	Passenger Mutations in More Than 2,500 Cancer Genomes: Overall Molecular Functional Impact and Consequences. Cell, 2020, 180, 915-927.e16.	13.5	98
5	Analyses of non-coding somatic drivers in 2,658Âcancer whole genomes. Nature, 2020, 578, 102-111.	13.7	424
6	Multi-platform discovery of haplotype-resolved structural variation in human genomes. Nature Communications, 2019, 10, 1784.	5.8	636
7	Leveraging protein dynamics to identify cancer mutational hotspots using 3D structures. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18962-18970.	3.3	26
8	Insights into genetics, human biology and disease gleaned from family based genomic studies. Genetics in Medicine, 2019, 21, 798-812.	1.1	161
9	Reliability of Whole-Exome Sequencing for Assessing Intratumor Genetic Heterogeneity. Cell Reports, 2018, 25, 1446-1457.	2.9	76
10	Identifying Allosteric Hotspots with Dynamics: Application to Inter- and Intra-species Conservation. Structure, 2016, 24, 826-837.	1.6	55
11	Reads meet rotamers: structural biology in the age of deep sequencing. Current Opinion in Structural Biology, 2015, 35, 125-134.	2.6	6
12	Localized structural frustration for evaluating the impact of sequence variants. Nucleic Acids Research, 2013, 44, 10062-10073.	6.5	13