Sushant Kumar

List of Publications by Year
in descending order

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

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