

Scott E Devine

List of Publications by Year in descending order

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17
papers

4,856
citations

687363

13
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

9095
citing authors

#	ARTICLE	IF	CITATIONS
1	Mako: A Graph-based Pattern Growth Approach to Detect Complex Structural Variants. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 205-218.	6.9	6
2	Fully phased human genome assembly without parental data using single-cell strand sequencing and long reads. <i>Nature Biotechnology</i> , 2021, 39, 302-308.	17.5	127
3	Haplotype-resolved diverse human genomes and integrated analysis of structural variation. <i>Science</i> , 2021, 372, .	12.6	358
4	Expectations and blind spots for structural variation detection from long-read assemblies and short-read genome sequencing technologies. <i>American Journal of Human Genetics</i> , 2021, 108, 919-928.	6.2	72
5	Mutagenesis of human genomes by endogenous mobile elements on a population scale. <i>Genome Research</i> , 2021, 31, 2225-2235.	5.5	15
6	Striking heterogeneity of somatic L1 retrotransposition in single normal and cancerous gastrointestinal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32215-32222.	7.1	11
7	Multi-platform discovery of haplotype-resolved structural variation in human genomes. <i>Nature Communications</i> , 2019, 10, 1784.	12.8	636
8	Aberrantly High Levels of Somatic LINE-1 Expression and Retrotransposition in Human Neurological Disorders. <i>Frontiers in Genetics</i> , 2019, 10, 1244.	2.3	51
9	Cross-species transcriptional analysis reveals conserved and host-specific neoplastic processes in mammalian glioma. <i>Scientific Reports</i> , 2018, 8, 1180.	3.3	22
10	The Role of Somatic L1 Retrotransposition in Human Cancers. <i>Viruses</i> , 2017, 9, 131.	3.3	74
11	The Mobile Element Locator Tool (MELT): population-scale mobile element discovery and biology. <i>Genome Research</i> , 2017, 27, 1916-1929.	5.5	273
12	A hot L1 retrotransposon evades somatic repression and initiates human colorectal cancer. <i>Genome Research</i> , 2016, 26, 745-755.	5.5	233
13	Brain feminization requires active repression of masculinization via DNA methylation. <i>Nature Neuroscience</i> , 2015, 18, 690-697.	14.8	339
14	An integrated map of structural variation in 2,504 human genomes. <i>Nature</i> , 2015, 526, 75-81.	27.8	1,994
15	Active <i>Alu</i> retrotransposons in the human genome. <i>Genome Research</i> , 2008, 18, 1875-1883.	5.5	230
16	Which transposable elements are active in the human genome?. <i>Trends in Genetics</i> , 2007, 23, 183-191.	6.7	406
17	Functional studies with a full-length P-glycoprotein cDNA encoded by the Hamster <i>pgp1</i> gene. <i>Cancer Chemotherapy and Pharmacology</i> , 1994, 33, 465-471.	2.3	5