Jessica Alfoldi

List of Publications by Year
in descending order

21 papers	11,844 citations	331538 21 h-index	580701 25 g-index
33 all docs	33 docs citations	33 times ranked	26470 citing authors

#	Article	IF	Citations
1	The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443.	13.7	6,140
2	A high-resolution map of human evolutionary constraint using 29 mammals. Nature, 2011, 478, 476-482.	13.7	1,016
3	A structural variation reference for medical and population genetics. Nature, 2020, 581, 444-451.	13.7	614
4	The African coelacanth genome provides insights into tetrapod evolution. Nature, 2013, 496, 311-316.	13.7	612
5	The genome of the green anole lizard and a comparative analysis with birds and mammals. Nature, 2011, 477, 587-591.	13.7	575
6	The spotted gar genome illuminates vertebrate evolution and facilitates human-teleost comparisons. Nature Genetics, 2016, 48, 427-437.	9.4	545
7	Convergent evolution of the genomes of marine mammals. Nature Genetics, 2015, 47, 272-275.	9.4	392
8	An Improved Canine Genome and a Comprehensive Catalogue of Coding Genes and Non-Coding Transcripts. PLoS ONE, 2014, 9, e91172.	1.1	206
9	Transcript expression-aware annotation improves rare variant interpretation. Nature, 2020, 581, 452-458.	13.7	142
10	Evaluating drug targets through human loss-of-function genetic variation. Nature, 2020, 581, 459-464.	13.7	115
11	The draft genome sequence of the ferret (Mustela putorius furo) facilitates study of human respiratory disease. Nature Biotechnology, 2014, 32, 1250-1255.	9.4	110
12	Quantifying the Impact of Rare and Ultra-rare Coding Variation across the Phenotypic Spectrum. American Journal of Human Genetics, 2018, 102, 1204-1211.	2.6	102
13	Characterising the loss-of-function impact of 5â€™ untranslated region variants in 15,708 individuals. Nature Communications, 2020, 11, 2523.	5.8	99
14	Landscape of multi-nucleotide variants in 125,748 human exomes and 15,708 genomes. Nature Communications, 2020, 11, 2539.	5.8	98
15	Human genetic variation alters CRISPR-Cas9 on- and off-targeting specificity at therapeutically implicated loci. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11257-E11266.	3.3	96
16	The effect of LRRK2 loss-of-function variants in humans. Nature Medicine, 2020, 26, 869-877.	15.2	79
17	The Naked Mole Rat Genome Resource: facilitating analyses of cancer and longevity-related adaptations. Bioinformatics, 2014, 30, 3558-3560.	1.8	71
18	Genome reannotation of the lizard Anolis carolinensis based on 14 adult and embryonic deep transcriptomes. BMC Genomics, 2013, 14, 49.	1.2	55

#	Article	IF	Citations
19	Acf7 (MACF) is an actin and microtubule linker protein whose expression predominates in neural, muscle, and lung development. Developmental Dynamics, 2000, 219, 216-225.	0.8	52
20	Addendum: The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2021, 597, E3-E4.	13.7	45
21	The Antarctic Weddell seal genome reveals evidence of selection on cardiovascular phenotype and lipid handling. Communications Biology, 2022, 5, 140.	2.0	5