Sara Garcia

List of Publications by Year
in descending order

47 papers	4,141 citations	361296 20 h-index	276775 41 g-index
51 all docs	51 docs citations	51 times ranked	6098 citing authors

#	Article	IF	Citations
1	Therapeutic targeting of LCK tyrosine kinase and mTOR signaling in T-cell acute lymphoblastic leukemia. Blood, 2022, 140, 1891-1906.	0.6	19
2	PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis. Leukemia, 2021, 35, 679-690.	3.3	11
3	CRISPR C-to-G base editors for inducing targeted DNA transversions in human cells. Nature Biotechnology, 2021, 39, 41-46.	9.4	328
4	In vivo CRISPR base editing of PCSK9 durably lowers cholesterol in primates. Nature, 2021, 593, 429-434.	13.7	408
5	Mutant Allele-Specific CRISPR Disruption in DYT1 Dystonia Fibroblasts Restores Cell Function. Molecular Therapy - Nucleic Acids, 2020, 21, 1-12.	2.3	8
6	A dual-deaminase CRISPR base editor enables concurrent adenine and cytosine editing. Nature Biotechnology, 2020, 38, 861-864.	9.4	168
7	Allele-specific gene editing prevents deafness in a model of dominant progressive hearing loss. Nature Medicine, 2019, 25, 1123-1130.	15.2	149
8	CRISPR DNA base editors with reduced RNA off-target and self-editing activities. Nature Biotechnology, 2019, 37, 1041-1048.	9.4	236
9	High levels of AAV vector integration into CRISPR-induced DNA breaks. Nature Communications, 2019, 10, 4439.	5.8	257
10	A dynamic and integrated epigenetic program at distal regions orchestrates transcriptional responses to VEGFA. Genome Research, 2019, 29, 193-207.	2.4	13
11	Transcriptome-wide off-target RNA editing induced by CRISPR-guided DNA base editors. Nature, 2019, 569, 433-437.	13.7	434
12	Assessment of computational methods for the analysis of single-cell ATAC-seq data. Genome Biology, 2019, 20, 241.	3.8	225
13	Molecularly distinct models of zebrafish Myc-induced B cell leukemia. Leukemia, 2019, 33, 559-562.	3.3	14
14	Vangl2/RhoA Signaling Pathway Regulates Stem Cell Self-Renewal Programs and Growth in Rhabdomyosarcoma. Cell Stem Cell, 2018, 22, 414-427.e6.	5.2	61
15	tp53 deficiency causes a wide tumor spectrum and increases embryonal rhabdomyosarcoma metastasis in zebrafish. ELife, 2018, 7, .	2.8	51
16	In vivo CRISPR editing with no detectable genome-wide off-target mutations. Nature, 2018, 561, 416-419.	13.7	274
17	Cell of origin dictates aggression and stem cell number in acute lymphoblastic leukemia. Leukemia, 2018, 32, 1860-1865.	3.3	23
18	Potency of Human Cardiosphere-Derived Cells from Patients with Ischemic Heart Disease Is Associated with Robust Vascular Supportive Ability. Stem Cells Translational Medicine, 2017, 6, 1399-1411.	1.6	7

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19	Robust lineage reconstruction from high-dimensional single-cell data. Nucleic Acids Research, 2016, 44, e122-e122.	6.5	30
20	RUNX1 Is a Candidate Transcriptional Effector in Juvenile Myelomonocytic Leukemia. Blood, 2016, 128, 2699-2699.	0.6	0
21	BCL11A enhancer dissection by Cas9-mediated in situ saturating mutagenesis. Nature, 2015, 527, 192-197.	13.7	726
22	Transcriptional diversity during lineage commitment of human blood progenitors. Science, 2014, 345, 1251033.	6.0	253
23	The breakdown of the word symmetry in the human genome. Journal of Theoretical Biology, 2013, 335, 153-159.	0.8	37
24	Analysis of Word Symmetries in Human Genomes Using Next-Generation Sequencing Data. Advances in Intelligent Systems and Computing, 2013, , 7-13.	0.5	0
25	A Genomic Distance for Assembly Comparison Based on Compressed Maximal Exact Matches. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 793-798.	1.9	8
26	Inter-STOP symbol distances for the identification of coding regions. Journal of Integrative Bioinformatics, 2013, 10, 31-39.	1.0	2
27	DNA Sequences at a Glance. PLoS ONE, 2013, 8, e79922.	1.1	14
28	Segmentation of DNA into Coding and Noncoding Regions Based on Inter-STOP Symbols Distances. Advances in Intelligent Systems and Computing, 2013, , 23-28.	0.5	0
29	Compressing Resequencing Data with GReEn. Methods in Molecular Biology, 2013, 1038, 27-37.	0.4	0
30	The Breakdown of Symmetry in Word Pairs in 1,092 Human Genomes. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 T·	0.3	2
31	Inter-STOP symbol distances for the identification of coding regions. Journal of Integrative Bioinformatics, 2013, 10, 230.	1.0	0
32	GReEn: a tool for efficient compression of genome resequencing data. Nucleic Acids Research, 2012, 40, e27-e27.	6.5	76
33	Exon: A Web-Based Software Toolkit for DNA Sequence Analysis. Advances in Intelligent and Soft Computing, 2012, , 217-224.	0.2	0
34	Minimal Absent Words in Four Human Genome Assemblies. PLoS ONE, 2011, 6, e29344.	1.1	11
35	Inter-dinucleotide distances in the human genome: an analysis of the whole-genome and protein-coding distributions. Journal of Integrative Bioinformatics, 2011, 8, 31-42.	1.0	8
36	Genome analysis with distance to the nearest dissimilar nucleotide. Journal of Theoretical Biology, 2011, 275, 52-58.	0.8	10

#	ARTICLE	IF	CITATIONS
37	Minimal Absent Words in Prokaryotic and Eukaryotic Genomes. PLoS ONE, 2011, 6, e16065.	1.1	20
38	Complexity Profiles of DNA Sequences Using Finite-Context Models. Lecture Notes in Computer Science, 2011, , 75-82.	1.0	0
39	Inter-dinucleotide distances in the human genome: an analysis of the whole-genome and protein-coding distributions. Journal of Integrative Bioinformatics, 2011, 8, 172.	1.0	8
40	Exploring Homology Using the Concept of Three-State Entropy Vector. Lecture Notes in Computer Science, 2010, , 161-170.	1.0	1
41	Genome analysis with inter-nucleotide distances. Bioinformatics, 2009, 25, 3064-3070.	1.8	75
42	On finding minimal absent words. BMC Bioinformatics, 2009, 10, 137.	1.2	37
43	Transmission of information and synchronization in a pair of coupled chaotic circuits: An experimental overview. European Physical Journal: Special Topics, 2008, 165, 119-128.	1.2	8
44	Ecoforecasting in real time for commercial fisheries: the Atlantic white shrimp as a case study. Marine Biology, 2007, 152, 15-24.	0.7	13
45	Multivariate phase space reconstruction by nearest neighbor embedding with different time delays. Physical Review E, 2005, 72, 027205.	0.8	49
46	Nearest neighbor embedding with different time delays. Physical Review E, 2005, 71, 037204.	0.8	28
47	Phase behaviour of the catalyst dicarbonyl(î·5-cyclopentadienyl)-cobalt in carbon dioxide. Journal of Supercritical Fluids, 2004, 31, 1-8.	1.6	9