

# Sandra Louzada

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,436  
citations

687363

13  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary routes and KRAS dosage define pancreatic cancer phenotypes. <i>Nature</i> , 2018, 554, 62-68.	27.8	328
2	Alcohol and endogenous aldehydes damage chromosomes and mutate stem cells. <i>Nature</i> , 2018, 553, 171-177.	27.8	284
3	Punctuated bursts in human male demography inferred from 1,244 worldwide Y-chromosome sequences. <i>Nature Genetics</i> , 2016, 48, 593-599.	21.4	273
4	Multiplexed pancreatic genome engineering and cancer induction by transfection-based CRISPR/Cas9 delivery in mice. <i>Nature Communications</i> , 2016, 7, 10770.	12.8	145
5	The pig X and Y Chromosomes: structure, sequence, and evolution. <i>Genome Research</i> , 2016, 26, 130-139.	5.5	69
6	Quantitative Genetics of CTCF Binding Reveal Local Sequence Effects and Different Modes of X-Chromosome Association. <i>PLoS Genetics</i> , 2014, 10, e1004798.	3.5	55
7	Decoding the Role of Satellite DNA in Genome Architecture and Plasticity—An Evolutionary and Clinical Affair. <i>Genes</i> , 2020, 11, 72.	2.4	47
8	Evolution of the rapidly mutating human salivary agglutinin gene ( <i>DMBT1</i> ) and population subsistence strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5105-5110.	7.1	35
9	Recurrent Rearrangements of Human Amylase Genes Create Multiple Independent CNV Series. <i>Human Mutation</i> , 2017, 38, 532-539.	2.5	29
10	Defining the Sister Rat Mammary Tumor Cell Lines HH-16 cl.2/1 and HH-16.cl.4 as an In Vitro Cell Model for <i>ErbB2</i> . <i>PLoS ONE</i> , 2012, 7, e29923.	2.5	24
11	The Malaria-Protective Human Glycophorin Structural Variant DUP4 Shows Somatic Mosaicism and Association with Hemoglobin Levels. <i>American Journal of Human Genetics</i> , 2018, 103, 769-776.	6.2	21
12	A new patient-derived iPSC model for dystroglycanopathies validates a compound that increases glycosylation of dystroglycan. <i>EMBO Reports</i> , 2019, 20, e47967.	4.5	18
13	Optogenetic modeling of human neuromuscular circuits in Duchenne muscular dystrophy with CRISPR and pharmacological corrections. <i>Science Advances</i> , 2021, 7, eabi8787.	10.3	14
14	Different evolutionary trails in the related genomes <i>Cricetus cricetus</i> and <i>Peromyscus eremicus</i> (Rodentia, Cricetidae) uncovered by orthologous satellite DNA repositioning. <i>Micron</i> , 2008, 39, 1149-1155.	2.2	13
15	A High-Resolution Comparative Chromosome Map of <i>Cricetus cricetus</i> and <i>Peromyscus eremicus</i> Reveals the Involvement of Constitutive Heterochromatin in Breakpoint Regions. <i>Cytogenetic and Genome Research</i> , 2015, 145, 59-67.	1.1	11
16	<i>Praomys tullbergi</i> (Muridae, Rodentia) genome architecture decoded by comparative chromosome painting with <i>Mus</i> and <i>Rattus</i> . <i>Chromosome Research</i> , 2012, 20, 673-683.	2.2	10
17	A novel satellite DNA sequence in the <i>Peromyscus</i> genome (PMSat): Evolution via copy number fluctuation. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 193-203.	2.7	10
18	Expansion of the HSFY gene family in pig lineages. <i>BMC Genomics</i> , 2015, 16, 442.	2.8	10

#	ARTICLE	IF	CITATIONS
19	Copy number variation arising from gene conversion on the human Y chromosome. <i>Human Genetics</i> , 2018, 137, 73-83.	3.8	9
20	Evolutionary and functional analysis of RBMY1 gene copy number variation on the human Y chromosome. <i>Human Molecular Genetics</i> , 2019, 28, 2785-2798.	2.9	9
21	Birth, expansion, and death of VCY-containing palindromes on the human Y chromosome. <i>Genome Biology</i> , 2019, 20, 207.	8.8	8
22	Genomic Tackling of Human Satellite DNA: Breaking Barriers through Time. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4707.	4.1	8