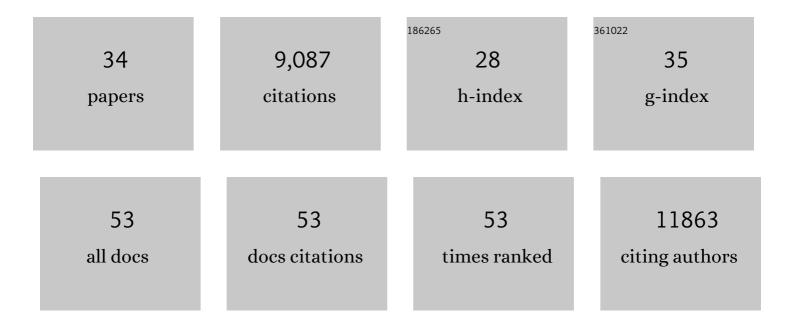
## HernÃ;n A Burbano

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8824636/publications.pdf

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HEDNÁ:N A RUDBANO

#	Article	IF	CITATIONS
1	Genomic rearrangements generate hypervariable mini-chromosomes in host-specific isolates of the blast fungus. PLoS Genetics, 2021, 17, e1009386.	3.5	46
2	Multiple Sources of Introduction of North American <i>Arabidopsis thaliana</i> from across Eurasia. Molecular Biology and Evolution, 2021, 38, 5328-5344.	8.9	6
3	The Earth BioGenome project: opportunities and challenges for plant genomics and conservation. Plant Journal, 2020, 102, 222-229.	5.7	35
4	Differential loss of effector genes in three recently expanded pandemic clonal lineages of the rice blast fungus. BMC Biology, 2020, 18, 88.	3.8	45
5	Mining ancient microbiomes using selective enrichment of damaged DNA molecules. BMC Genomics, 2020, 21, 432.	2.8	6
6	Hybridization ddRADâ€sequencing for population genomics of nonmodel plants using highly degraded historical specimen DNA. Molecular Ecology Resources, 2020, 20, 1228-1247.	4.8	19
7	Isolation, Library Preparation, and Bioinformatic Analysis of Historical and Ancient Plant DNA. Current Protocols in Plant Biology, 2020, 5, e20121.	2.8	14
8	Natural selection on the Arabidopsis thaliana genome in present and future climates. Nature, 2019, 573, 126-129.	27.8	148
9	The origins and adaptation of European potatoes reconstructed from historical genomes. Nature Ecology and Evolution, 2019, 3, 1093-1101.	7.8	73
10	Using herbaria to study global environmental change. New Phytologist, 2019, 221, 110-122.	7.3	140
11	Genomic basis and evolutionary potential for extreme drought adaptation in Arabidopsis thaliana. Nature Ecology and Evolution, 2018, 2, 352-358.	7.8	157
12	nQuire: a statistical framework for ploidy estimation using next generation sequencing. BMC Bioinformatics, 2018, 19, 122.	2.6	128
13	The rate and potential relevance of new mutations in a colonizing plant lineage. PLoS Genetics, 2018, 14, e1007155.	3.5	116
14	Reinforcing plant evolutionary genomics using ancient DNA. Current Opinion in Plant Biology, 2017, 36, 38-45.	7.1	65
15	A Robust Framework for Microbial Archaeology. Annual Review of Genomics and Human Genetics, 2017, 18, 321-356.	6.2	144
16	African genomes illuminate the early history and transition to selfing in <i>Arabidopsis thaliana</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5213-5218.	7.1	142
17	Neandertal and Denisovan DNA from Pleistocene sediments. Science, 2017, 356, 605-608.	12.6	329
18	Genomic estimation of complex traits reveals ancient maize adaptation to temperate North America. Science, 2017, 357, 512-515.	12.6	169

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#	Article	IF	CITATIONS
19	Extraction of ultrashort DNA molecules from herbarium specimens. BioTechniques, 2017, 62, 76-79.	1.8	53
20	Temporal patterns of damage and decay kinetics of DNA retrieved from plant herbarium specimens. Royal Society Open Science, 2016, 3, 160239.	2.4	108
21	Ancient gene flow from early modern humans into Eastern Neanderthals. Nature, 2016, 530, 429-433.	27.8	392
22	Contesting the presence of wheat in the British Isles 8,000 years ago by assessing ancient DNA authenticity from low-coverage data. ELife, 2015, 4, .	6.0	31
23	Mining Herbaria for Plant Pathogen Genomes: Back to the Future. PLoS Pathogens, 2014, 10, e1004028.	4.7	72
24	Patterns of coding variation in the complete exomes of three Neandertals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6666-6671.	7.1	223
25	Rabbit genome analysis reveals a polygenic basis for phenotypic change during domestication. Science, 2014, 345, 1074-1079.	12.6	343
26	DNA analysis of an early modern human from Tianyuan Cave, China. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2223-2227.	7.1	484
27	Comparative Population Genomics of the Ejaculate in Humans and the Great Apes. Molecular Biology and Evolution, 2013, 30, 964-976.	8.9	40
28	The rise and fall of the Phytophthora infestans lineage that triggered the Irish potato famine. ELife, 2013, 2, e00731.	6.0	339
29	Analysis of Human Accelerated DNA Regions Using Archaic Hominin Genomes. PLoS ONE, 2012, 7, e32877.	2.5	38
30	A draft genome of Yersinia pestis from victims of the Black Death. Nature, 2011, 478, 506-510.	27.8	619
31	Targeted Investigation of the Neandertal Genome by Array-Based Sequence Capture. Science, 2010, 328, 723-725.	12.6	255
32	A Draft Sequence of the Neandertal Genome. Science, 2010, 328, 710-722.	12.6	3,588
33	The Neandertal genome and ancient DNA authenticity. EMBO Journal, 2009, 28, 2494-2502.	7.8	170
34	A Complete Neandertal Mitochondrial Genome Sequence Determined by High-Throughput Sequencing. Cell, 2008, 134, 416-426.	28.9	503