Mannis van Oven

List of Publications by Year
in descending order

34 papers	3,419 citations	279798 23 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	5373 citing authors

#	Article	IF	Citations
1	Updated comprehensive phylogenetic tree of global human mitochondrial DNA variation. Human Mutation, 2009, 30, E386-E394.	2.5	1,528
2	IrisPlex: A sensitive DNA tool for accurate prediction of blue and brown eye colour in the absence of ancestry information. Forensic Science International: Genetics, 2011, 5, 170-180.	3.1	275
3	Neolithic mitochondrial haplogroup H genomes and the genetic origins of Europeans. Nature Communications, 2013, 4, 1764.	12.8	180
4	PhyloTree Build 17: Growing the human mitochondrial DNA tree. Forensic Science International: Genetics Supplement Series, 2015, 5, e392-e394.	0.3	144
5	Seeing the Wood for the Trees: A Minimal Reference Phylogeny for the Human Y Chromosome. Human Mutation, 2014, 35, 187-191.	2.5	141
6	The Impact of the Austronesian Expansion: Evidence from mtDNA and Y Chromosome Diversity in the Admiralty Islands of Melanesia. Molecular Biology and Evolution, 2008, 25, 1362-1374.	8.9	105
7	Evaluating self-declared ancestry of U.S. Americans with autosomal, Y-chromosomal and mitochondrial DNA. Human Mutation, 2010, 31, E1875-E1893.	2.5	86
8	Transmission of human mtDNA heteroplasmy in the Genome of the Netherlands families: support for a variable-size bottleneck. Genome Research, 2016, 26, 417-426.	5.5	84
9	Mitochondrial Mutations and Polymorphisms in Psychiatric Disorders. Frontiers in Genetics, 2012, 3, 103.	2.3	81
10	Concept for estimating mitochondrial DNA haplogroups using a maximum likelihood approach (EMMA). Forensic Science International: Genetics, 2013, 7, 601-609.	3.1	80
11	Mitochondrial Disease Sequence Data Resource (MSeqDR): A global grass-roots consortium to facilitate deposition, curation, annotation, and integrated analysis of genomic data for the mitochondrial disease clinical and research communities. Molecular Genetics and Metabolism, 2015, 114, 388-396.	1.1	76
12	Haplogrouping mitochondrial DNA sequences in Legal Medicine/Forensic Genetics. International Journal of Legal Medicine, 2012, 126, 901-916.	2.2	58
13	Phy-Mer: a novel alignment-free and reference-independent mitochondrial haplogroup classifier. Bioinformatics, 2015, 31, 1310-1312.	4.1	55
14	Simultaneous Whole Mitochondrial Genome Sequencing with Short Overlapping Amplicons Suitable for Degraded DNA Using the Ion Torrent Personal Genome Machine. Human Mutation, 2015, 36, 1236-1247.	2.5	51
15	MSeqDR: A Centralized Knowledge Repository and Bioinformatics Web Resource to Facilitate Genomic Investigations in Mitochondrial Disease. Human Mutation, 2016, 37, 540-548.	2.5	42
16	Simultaneous Analysis of Hundreds of Y-Chromosomal SNPs for High-Resolution Paternal Lineage Classification using Targeted Semiconductor Sequencing. Human Mutation, 2015, 36, 151-159.	2.5	39
17	Aboriginal Australian mitochondrial genome variation â€“ an increased understanding of population antiquity and diversity. Scientific Reports, 2017, 7, 43041.	3.3	39
18	Mitochondrial Mutations in Subjects with Psychiatric Disorders. PLoS ONE, 2015, 10, e0127280.	2.5	39

#	Article	IF	Citations
19	Analysis of mitochondrial genome diversity identifies new and ancient maternal lineages in Cambodian aborigines. Nature Communications, 2013, 4, 2599.	12.8	37
20	Developmental validation of mitochondrial DNA genotyping assays for adept matrilineal inference of biogeographic ancestry at a continental level. Forensic Science International: Genetics, 2014, 11, 39-51.	3.1	29
21	Multiplex genotyping system for efficient inference of matrilineal genetic ancestry with continental resolution. Investigative Genetics, 2011, 2, 6.	3.3	27
22	MtDNA SNP multiplexes for efficient inference of matrilineal genetic ancestry within Oceania. Forensic Science International: Genetics, 2012, 6, 425-436.	3.1	27
23	Antiquity and diversity of aboriginal Australian <scp>Y</scp>â€chromosomes. American Journal of Physical Anthropology, 2016, 159, 367-381.	2.1	26
24	A multiplex SNP assay for the dissection of human Y-chromosome haplogroup O representing the major paternal lineage in East and Southeast Asia. Journal of Human Genetics, 2012, 57, 65-69.	2.3	24
25	Mitochondrial DNA diversity of present-day Aboriginal Australians and implications for human evolution in Oceania. Journal of Human Genetics, 2017, 62, 343-353.	2.3	24
26	Fine Dissection of Human Mitochondrial DNA Haplogroup HV Lineages Reveals Paleolithic Signatures from European Glacial Refugia. PLoS ONE, 2015, 10, e0144391.	2.5	23
27	Towards a consensus Y-chromosomal phylogeny and Y-SNP set in forensics in the next-generation sequencing era. Forensic Science International: Genetics, 2015, 15, 39-42.	3.1	23
28	High-quality mtDNA control region sequences from 680 individuals sampled across the Netherlands to establish a national forensic mtDNA reference database. Forensic Science International: Genetics, 2016, 21, 158-167.	3.1	20
29	Clinal distribution of human genomic diversity across the Netherlands despite archaeological evidence for genetic discontinuities in Dutch population history. Investigative Genetics, 2013, 4, 9.	3.3	18
30	Human genetics of the Kula Ring: Y-chromosome and mitochondrial DNA variation in the Massim of Papua New Guinea. European Journal of Human Genetics, 2014, 22, 1393-1403.	2.8	16
31	Genetic characterization of the Makrani people of Pakistan from mitochondrial DNA control-region data. Legal Medicine, 2015, 17, 134-139.	1.3	15
32	Lack of geneâ€“language correlation due to reciprocal female but directional male admixture in Austronesians and non-Austronesians of East Timor. European Journal of Human Genetics, 2017, 25, 246-252.	2.8	7
33	Genetic Admixture. , 2015, , 887-897.		0
34	MSeqDR: Making genomics accessible to the mitochondrial disease community. Mitochondrion, 2015, 24, S2-S3.	3.4	0