

Maarten H D Larmuseau

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,910
citations

304602

22
h-index

265120

42
g-index

60
all docs

60
docs citations

60
times ranked

2593
citing authors

#	ARTICLE	IF	CITATIONS
1	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014, 12, 12-23.	1.6	214
2	Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. <i>Human Mutation</i> , 2014, 35, 1021-1032.	1.1	151
3	Seeing the Wood for the Trees: A Minimal Reference Phylogeny for the Human Y Chromosome. <i>Human Mutation</i> , 2014, 35, 187-191.	1.1	141
4	Divergent selection as revealed by PST and QTL-based FST in three-spined stickleback (<i>Gasterosteus</i>). <i>Trends in Ecology and Evolution</i> , 2010, 25, 107-114.	2.0	124
5	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162149.	1.2	100
6	Cuckolded Fathers Rare in Human Populations. <i>Trends in Ecology and Evolution</i> , 2016, 31, 327-329.	4.2	77
7	Distributional and demographic consequences of Pleistocene climate fluctuations for a marine demersal fish in the north-eastern Atlantic. <i>Journal of Biogeography</i> , 2009, 36, 1138-1151.	1.4	76
8	The Y chromosome as the most popular marker in genetic genealogy benefits interdisciplinary research. <i>Human Genetics</i> , 2017, 136, 559-573.	1.8	69
9	AMY-tree: an algorithm to use whole genome SNP calling for Y chromosomal phylogenetic applications. <i>BMC Genomics</i> , 2013, 14, 101.	1.2	52
10	To see in different seas: spatial variation in the rhodopsin gene of the sand goby (<i>Pomatoschistus</i>). <i>Trends in Ecology and Evolution</i> , 2010, 25, 49-50.	2.0	49
11	High molecular diversity in the rhodopsin gene in closely related goby fishes: A role for visual pigments in adaptive speciation?. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 689-698.	1.2	39
12	Determining Y-STR mutation rates in deep-rooting genealogies: Identification of haplogroup differences. <i>Forensic Science International: Genetics</i> , 2018, 34, 1-10.	1.6	38
13	Differential modes of selection on the rhodopsin gene in coastal Baltic and North Sea populations of the sand goby, <i>Pomatoschistus minutus</i> . <i>Molecular Ecology</i> , 2010, 19, 2256-2268.	2.0	36
14	Micro-geographic distribution of Y-chromosomal variation in the central-western European region Brabant. <i>Forensic Science International: Genetics</i> , 2011, 5, 95-99.	1.6	36
15	Recent Radiation within Y-chromosomal Haplogroup M269 Resulted in High Y-STR Haplotype Resemblance. <i>Annals of Human Genetics</i> , 2014, 78, 92-103.	0.3	36
16	Phylogenetics and biogeography of the Balkan sand gobies (Teleostei: Gobiidae): vulnerable species in need of taxonomic revision. <i>Biological Journal of the Linnean Society</i> , 2012, 105, 73-91.	0.7	35
17	A gene with major phenotypic effects as a target for selection vs. homogenizing gene flow. <i>Molecular Ecology</i> , 2014, 23, 162-181.	2.0	33
18	Identification and characterization of novel rapidly mutating Y-chromosomal short tandem repeat markers. <i>Human Mutation</i> , 2020, 41, 1680-1696.	1.1	33

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19	Unravelling the evolution of Africa's drainage basins through a widespread freshwater fish, the African sharptooth catfish <i>Clarias gariepinus</i> . <i>Journal of Biogeography</i> , 2020, 47, 1739-1754.	1.4	29
20	Environmental change as a driver of diversification in temporary aquatic habitats: does the genetic structure of extant fairy shrimp populations reflect historic aridification?. <i>Freshwater Biology</i> , 2013, 58, 1556-1572.	1.2	28
21	Temporal differentiation across a West-European Y-chromosomal cline: genealogy as a tool in human population genetics. <i>European Journal of Human Genetics</i> , 2012, 20, 434-440.	1.4	26
22	Genetic genealogy approach reveals low rate of extrapair paternity in historical Dutch populations. <i>American Journal of Human Biology</i> , 2017, 29, e23046.	0.8	26
23	Ysurnames? The patrilineal Y-chromosome and surname correlation for DNA kinship research. <i>Forensic Science International: Genetics</i> , 2020, 44, 102204.	1.6	25
24	Pseudoautosomal Region 1 Length Polymorphism in the Human Population. <i>PLoS Genetics</i> , 2014, 10, e1004578.	1.5	24
25	Deep into the roots of the Libyan Tuareg: A genetic survey of their paternal heritage. <i>American Journal of Physical Anthropology</i> , 2011, 145, 118-124.	2.1	23
26	Reconstructing Colonization Dynamics of the Human Parasite <i>Schistosoma mansoni</i> following Anthropogenic Environmental Changes in Northwest Senegal. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003998.	1.3	23
27	Towards a consensus Y-chromosomal phylogeny and Y-SNP set in forensics in the next-generation sequencing era. <i>Forensic Science International: Genetics</i> , 2015, 15, 39-42.	1.6	23
28	Paternity testing under the cloak of recreational genetics. <i>European Journal of Human Genetics</i> , 2017, 25, 768-770.	1.4	23
29	A Historical-Genetic Reconstruction of Human Extra-Pair Paternity. <i>Current Biology</i> , 2019, 29, 4102-4107.e7.	1.8	23
30	Review of policies of companies and databases regarding access to customers' genealogy data for law enforcement purposes. <i>Personalized Medicine</i> , 2020, 17, 141-153.	0.8	23
31	A game of hide and seq: Identification of parallel Y-STR evolution in deep-rooting pedigrees. <i>European Journal of Human Genetics</i> , 2019, 27, 637-646.	1.4	22
32	Genetic genealogy reveals true Y haplogroup of House of Bourbon contradicting recent identification of the presumed remains of two French Kings. <i>European Journal of Human Genetics</i> , 2014, 22, 681-687.	1.4	18
33	CSYseq: The first Y-chromosome sequencing tool typing a large number of Y-SNPs and Y-STRs to unravel worldwide human population genetics. <i>PLoS Genetics</i> , 2021, 17, e1009758.	1.5	17
34	Microarray Analysis of Copy Number Variants on the Human Y Chromosome Reveals Novel and Frequent Duplications Overrepresented in Specific Haplogroups. <i>PLoS ONE</i> , 2015, 10, e0137223.	1.1	17
35	Allele frequencies for the new European Standard Set (ESS) loci and D1S1677 in the Belgian population. <i>Forensic Science International: Genetics</i> , 2012, 6, e75-e77.	1.6	16
36	Estimating Y-Str Mutation Rates and Tmrca Through Deep-Rooting Italian Pedigrees. <i>Scientific Reports</i> , 2019, 9, 9032.	1.6	16

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37	Co-phylogeographic study of the flatworm <i>Gyrodactylus gondae</i> and its goby host <i>Pomatoschistus minutus</i> . <i>Parasitology International</i> , 2017, 66, 119-125.	0.6	15
38	The Dutch Y-chromosomal landscape. <i>European Journal of Human Genetics</i> , 2020, 28, 287-299.	1.4	15
39	A substantially lower frequency of uninformative matches between 23 versus 17 Y-STR haplotypes in north Western Europe. <i>Forensic Science International: Genetics</i> , 2014, 11, 214-219.	1.6	14
40	3D facial phenotyping by biometric sibling matching used in contemporary genomic methodologies. <i>PLoS Genetics</i> , 2021, 17, e1009528.	1.5	13
41	Automated DNA extraction of single dog hairs without roots for mitochondrial DNA analysis. <i>Forensic Science International: Genetics</i> , 2012, 6, 277-281.	1.6	12
42	Spatially Dense 3D Facial Heritability and Modules of Co-heritability in a Father-Offspring Design. <i>Frontiers in Genetics</i> , 2018, 9, 554.	1.1	12
43	Biohistorical materials and contemporary privacy concerns-the forensic case of King Albert I. <i>Forensic Science International: Genetics</i> , 2016, 24, 202-210.	1.6	11
44	Automating a combined composite“consensus method to generate DNA profiles from low and high template mixture samples. <i>Forensic Science International: Genetics</i> , 2012, 6, 588-593.	1.6	10
45	Subdividing Y-chromosome haplogroup R1a1 reveals Norse Viking dispersal lineages in Britain. <i>European Journal of Human Genetics</i> , 2021, 29, 512-523.	1.4	9
46	Mediterranean Y-chromosome 2.0“why the Y in the Mediterranean is still relevant in the postgenomic era. <i>Annals of Human Biology</i> , 2018, 45, 20-33.	0.4	8
47	The Paternal Landscape along the Bight of Benin “Testing Regional Representativeness of West-African Population Samples Using Y-Chromosomal Markers. <i>PLoS ONE</i> , 2015, 10, e0141510.	1.1	8
48	Recombination hotspots in an extended human pseudoautosomal domain predicted from double-strand break maps and characterized by sperm-based crossover analysis. <i>PLoS Genetics</i> , 2018, 14, e1007680.	1.5	7
49	Defining Y-SNP variation among the Flemish population (Western Europe) by full genome sequencing. <i>Forensic Science International: Genetics</i> , 2017, 31, e12-e16.	1.6	6
50	In silico detection of phylogenetic informative Y“chromosomal single nucleotide polymorphisms from whole genome sequencing data. <i>Electrophoresis</i> , 2014, 35, 3102-3110.	1.3	5
51	The black legend on the Spanish presence in the low countries: Verifying shared beliefs on genetic ancestry. <i>American Journal of Physical Anthropology</i> , 2018, 166, 219-227.	2.1	5
52	Growth of ancestry DNA testing risks huge increase in paternity issues. <i>Nature Human Behaviour</i> , 2019, 3, 5-5.	6.2	5
53	The biological relevance of a medieval king's DNA. <i>Biochemical Society Transactions</i> , 2018, 46, 1013-1020.	1.6	4
54	Controversial identification in a historical case is illustrative of the complexity of DNA typing in forensic research. Response to Charlier et al.. <i>Forensic Science International: Genetics</i> , 2014, 9, e18-e19.	1.6	3

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55	Bight of Benin: a Maternal Perspective of Four Beninese Populations and their Genetic Implications on the American Populations of African Ancestry. <i>Annals of Human Genetics</i> , 2017, 81, 78-90.	0.3	3
56	Genetic signature of the colonisation dynamics along a coastal expansion front in the damselfly <i>Coenagrion scitulum</i> . <i>Ecological Entomology</i> , 2015, 40, 353-361.	1.1	1
57	Mommy's baby, daddy's maybe: Misattributed paternity in a nationwide blood group database. <i>Journal of Internal Medicine</i> , 2022, 291, 2-4.	2.7	1