

Ronny Decorte

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,742
citations

394286

19
h-index

276775

41
g-index

48
all docs

48
docs citations

48
times ranked

1936
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mutability of Y-Chromosomal Microsatellites: Rates, Characteristics, Molecular Bases, and Forensic Implications. <i>American Journal of Human Genetics</i> , 2010, 87, 341-353. | 2.6 | 324 |
| 2 | 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 |
| 3 | Improved age determination of blood and teeth samples using a selected set of DNA methylation markers. <i>Epigenetics</i> , 2015, 10, 922-930. | 1.3 | 187 |
| 4 | Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. <i>Human Mutation</i> , 2014, 35, 1021-1032. | 1.1 | 151 |
| 5 | 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 |
| 6 | The palaeogenetics of cat dispersal in the ancient world. <i>Nature Ecology and Evolution</i> , 2017, 1, . | 3.4 | 113 |
| 7 | 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 |
| 8 | Evaluation of three statistical prediction models for forensic age prediction based on DNA methylation. <i>Forensic Science International: Genetics</i> , 2018, 34, 128-133. | 1.6 | 37 |
| 9 | 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 |
| 10 | Belgian population data for 15 STR loci (AmpFISTR [®] SGM Plus and AmpFISTR [®] , ₁₆ profiler PCR) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 38 | 1.3 | 34 |
| 11 | Identification and sequence analysis of discordant phenotypes between AmpFISTR SGM Plus [®] , ₁₆ and PowerPlex [®] 16. <i>International Journal of Legal Medicine</i> , 2007, 121, 297-301. | 1.2 | 27 |
| 12 | 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 |
| 13 | 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 |
| 14 | Ysurnames? The patrilineal Y-chromosome and surname correlation for DNA kinship research. <i>Forensic Science International: Genetics</i> , 2020, 44, 102204. | 1.6 | 25 |
| 15 | Pseudoautosomal Region 1 Length Polymorphism in the Human Population. <i>PLoS Genetics</i> , 2014, 10, e1004578. | 1.5 | 24 |
| 16 | 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 |
| 17 | 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 |
| 18 | A Historical-Genetic Reconstruction of Human Extra-Pair Paternity. <i>Current Biology</i> , 2019, 29, 4102-4107.e7. | 1.8 | 23 |

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|----|---|-----|-----------|
| 19 | A selective set of DNA-methylation markers for age determination of blood, teeth and buccal samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e144-e145. | 0.1 | 22 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | The Dutch Y-chromosomal landscape. <i>European Journal of Human Genetics</i> , 2020, 28, 287-299. | 1.4 | 15 |
| 25 | Evaluation of methodology for the isolation and analysis of LCN-DNA before and after dactyloscopic enhancement of fingerprints. <i>International Congress Series</i> , 2006, 1288, 583-585. | 0.2 | 14 |
| 26 | 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 |
| 27 | Y-chromosomal STR haplotypes in a Belgian population sample and identification of a micro-variant with a flanking site mutation at DYS19. <i>Forensic Science International</i> , 2005, 152, 89-94. | 1.3 | 12 |
| 28 | Development and evaluation of multiplex Y-STR assays for application in molecular genealogy. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 57-59. | 0.1 | 12 |
| 29 | 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 |
| 30 | Comparing maternal genetic variation across two millennia reveals the demographic history of an ancient human population in southwest Turkey. <i>Royal Society Open Science</i> , 2016, 3, 150250. | 1.1 | 11 |
| 31 | 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 |
| 32 | 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 |
| 33 | Allele Frequency Data for 19 Short Tandem Repeats (PowerPlexR 16 and FFFI) in a Belgian Population Sample. <i>Journal of Forensic Sciences</i> , 2006, 51, 436-437. | 0.9 | 9 |
| 34 | 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 |
| 35 | Increased sensitivity for amplified STR alleles on capillary sequencers with BigDye® XTerminator®,. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 123-124. | 0.1 | 6 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Development of a novel miniSTR multiplex assay for typing degraded DNA samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 112-114. | 0.1 | 5 |
| 38 | 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 |
| 39 | YMrCA: Improving Y-chromosomal ancestor time estimation for DNA kinship research. <i>Human Mutation</i> , 2021, 42, 1307-1320. | 1.1 | 5 |
| 40 | Validation of a microchip electrophoresis system as a DNA amplification control. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 119-120. | 0.1 | 3 |
| 41 | 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 |
| 42 | 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 |
| 43 | Validation of Y-ancestor time calculators for forensic familial searching. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 411-413. | 0.1 | 3 |
| 44 | Cell survival and DNA damage repair are promoted in the human blood thanatotranscriptome shortly after death. <i>Scientific Reports</i> , 2021, 11, 16585. | 1.6 | 2 |
| 45 | An interdisciplinary study around the reliquary of the late cardinal Jacques de Vitry. <i>PLoS ONE</i> , 2019, 14, e0201424. | 1.1 | 1 |
| 46 | Optimization and validation of the SNPforID 34-SNPplex for POP7. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e43-e44. | 0.1 | 0 |