

Lutz Roewer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

5,232
citations

37
h-index

71
g-index

100
ext. papers

5,796
ext. citations

4.1
avg, IF

5.41
L-index

#	Paper	IF	Citations
87	A Y-chromosomal survey of Ecuador's multi-ethnic population reveals new insights into the tri-partite population structure and supports an early Holocene age of the rare Native American founder lineage C3-MPB373. <i>Forensic Science International: Genetics</i> , 2021 , 51, 102427	4.3	0
86	Identification and characterization of novel rapidly mutating Y-chromosomal short tandem repeat markers. <i>Human Mutation</i> , 2020 , 41, 1680-1696	4.7	16
85	Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru. <i>PLoS ONE</i> , 2020 , 15, e0244497	3.7	3
84	Inter-laboratory study on standardized MPS libraries: evaluation of performance, concordance, and sensitivity using mixtures and degraded DNA. <i>International Journal of Legal Medicine</i> , 2020 , 134, 185-198 ^{3,1}	3.1	12
83	Y-chromosome short tandem repeats in forensics: typing, profiling, and matching male DNA. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2019 , 1, e1336	2.6	16
82	Y-chromosome diversity of the three major ethno-linguistic groups in the Republic of North Macedonia. <i>Forensic Science International: Genetics</i> , 2019 , 42, 165-170	4.3	3
81	Y Chromosome Sequences Reveal a Short Beringian Standstill, Rapid Expansion, and early Population structure of Native American Founders. <i>Current Biology</i> , 2019 , 29, 149-157.e3	6.3	49
80	Inter-laboratory validation study of the ForenSeqY-DNA Signature Prep Kit. <i>Forensic Science International: Genetics</i> , 2018 , 36, 77-85	4.3	29
79	Current state-of-art of STR sequencing in forensic genetics. <i>Electrophoresis</i> , 2018 , 39, 2655-2668	3.6	41
78	Genetic structure and sex-biased gene flow in the history of southern African populations. <i>American Journal of Physical Anthropology</i> , 2018 , 167, 656-671	2.5	17
77	Revisiting the male genetic landscape of China: a multi-center study of almost 38,000 Y-STR haplotypes. <i>Human Genetics</i> , 2017 , 136, 485-497	6.3	51
76	European survey on forensic applications of massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2017 , 29, e23-e25	4.3	24
75	Enclaves of genetic diversity resisted Inca impacts on population history. <i>Scientific Reports</i> , 2017 , 7, 17414 ^{1,9}	4.9	18
74	The Y-Chromosome Haplotype Reference Database (YHRD) [Publicly Available Reference and Research Datasets for the Forensic Interpretation of Y-Chromosome STR Profiles. <i>Security Science and Technology</i> , 2016 , 231-248		4
73	Refining the Y chromosome phylogeny with southern African sequences. <i>Human Genetics</i> , 2016 , 135, 541-553	6.3	29
72	Male Lineages in Brazil: Intercontinental Admixture and Stratification of the European Background. <i>PLoS ONE</i> , 2016 , 11, e0152573	3.7	23
71	Routine analysis of sexual assault cases in Brasília, Brazil, using 23 Y chromosomal markers. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e619-e621	0.5	2

70	Validation of a combined autosomal/Y-chromosomal STR approach for analyzing typical biological stains in sexual-assault cases. <i>Forensic Science International: Genetics</i> , 2015 , 19, 238-242	4-3	35
69	The new Y Chromosome Haplotype Reference Database. <i>Forensic Science International: Genetics</i> , 2015 , 15, 43-8	4-3	135
68	No shortcut solution to the problem of Y-STR match probability calculation. <i>Forensic Science International: Genetics</i> , 2015 , 15, 69-75	4-3	13
67	Insights into the origin of rare haplogroup C3* Y chromosomes in South America from high-density autosomal SNP genotyping. <i>Forensic Science International: Genetics</i> , 2015 , 15, 115-20	4-3	8
66	The complete mitogenome of a 500-year-old Inca child mummy. <i>Scientific Reports</i> , 2015 , 5, 16462	4-9	24
65	Shannon's equivocation for forensic Y-STR marker selection. <i>Forensic Science International: Genetics</i> , 2015 , 16, 216-225	4-3	14
64	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014 , 12, 12-23	4-3	171
63	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4-7	130
62	Nomenclature update and allele repeat structure for the markers DYS518 and DYS449. <i>Forensic Science International: Genetics</i> , 2014 , 13, e3	4-3	3
61	Das Y-chromosom als forensischer und genealogischer marker. <i>BioSpektrum</i> , 2014 , 20, 627-630	0-1	2
60	Y-chromosomal analysis identifies the skeletal remains of Swiss national hero Jürg Jenatsch (1596-1639). <i>Forensic Science International: Genetics</i> , 2013 , 7, 610-617	4-3	23
59	Multiple recurrent mutations at four human Y-chromosomal single nucleotide polymorphism sites in a 37 bp sequence tract on the ARSDP1 pseudogene. <i>Forensic Science International: Genetics</i> , 2013 , 7, 593-600	4-3	9
58	Continent-wide decoupling of Y-chromosomal genetic variation from language and geography in native South Americans. <i>PLoS Genetics</i> , 2013 , 9, e1003460	6	75
57	DNA fingerprinting in forensics: past, present, future. <i>Investigative Genetics</i> , 2013 , 4, 22		75
56	Mitochondrial diversity in Amerindian Kichwa and Mestizo populations from Ecuador. <i>International Journal of Legal Medicine</i> , 2012 , 126, 299-302	3-1	16
55	Collaborative genetic mapping of 12 forensic short tandem repeat (STR) loci on the human X chromosome. <i>Forensic Science International: Genetics</i> , 2012 , 6, 778-84	4-3	49
54	Y chromosome haplogroup diversity in a Mestizo population of Nicaragua. <i>Forensic Science International: Genetics</i> , 2012 , 6, e192-5	4-3	26
53	SNaPshot minisequencing analysis of multiple ancestry-informative Y-SNPs using capillary electrophoresis. <i>Methods in Molecular Biology</i> , 2012 , 830, 127-40	1-4	20

52	Y-chromosomal STR analysis in the Pashtun population of Southern Afghanistan. <i>Forensic Science International: Genetics</i> , 2012 , 6, e103-5	4-3	13
51	Interpretation guidelines of a standard Y-chromosome STR 17-plex PCR-CE assay for crime casework. <i>Methods in Molecular Biology</i> , 2012 , 830, 43-56	1-4	2
50	German standards for forensic molecular genetics investigations in cases of mass disaster victim identification (DVI). <i>Forensic Science International: Genetics</i> , 2011 , 5, 247-8	4-3	10
49	Hierarchical Y-SNP assay to study the hidden diversity and phylogenetic relationship of native populations in South America. <i>Forensic Science International: Genetics</i> , 2011 , 5, 100-4	4-3	31
48	Geostatistical inference of main Y-STR-haplotype groups in Europe. <i>Forensic Science International: Genetics</i> , 2011 , 5, 91-4	4-3	13
47	Individual specific extraction of DNA from male mixtures--First evaluation studies. <i>Forensic Science International: Genetics</i> , 2011 , 5, 117-21	4-3	10
46	Y-STR Frequency Surveying Method: A critical reappraisal. <i>Forensic Science International: Genetics</i> , 2011 , 5, 84-90	4-3	28
45	Y-chromosomal STRs haplotypes in the Taiwanese Paiwan population. <i>International Journal of Legal Medicine</i> , 2011 , 125, 39-43	3-1	18
44	Assembly of a large Y-STR haplotype database for the Czech population and investigation of its substructure. <i>Forensic Science International: Genetics</i> , 2010 , 4, e75-8	4-3	16
43	Mutability of Y-chromosomal microsatellites: rates, characteristics, molecular bases, and forensic implications. <i>American Journal of Human Genetics</i> , 2010 , 87, 341-53	11	268
42	Publication of population data of linearly inherited DNA markers in the International Journal of Legal Medicine. <i>International Journal of Legal Medicine</i> , 2010 , 124, 505-9	3-1	66
41	Genomic complexity of the Y-STR DYS19: inversions, deletions and founder lineages carrying duplications. <i>International Journal of Legal Medicine</i> , 2009 , 123, 15-23	3-1	26
40	Comprehensive mutation analysis of 17 Y-chromosomal short tandem repeat polymorphisms included in the AmpFI STR Yfiler PCR amplification kit. <i>International Journal of Legal Medicine</i> , 2009 , 123, 471-82	3-1	108
39	Y chromosome STR typing in crime casework. <i>Forensic Science, Medicine, and Pathology</i> , 2009 , 5, 77-84	1-5	148
38	Y-STR variation among ethnic groups from Ecuador: Mestizos, Kichwas, Afro-Ecuadorians and Waoranis. <i>Forensic Science International: Genetics</i> , 2009 , 3, e83-91	4-3	23
37	Improving global and regional resolution of male lineage differentiation by simple single-copy Y-chromosomal short tandem repeat polymorphisms. <i>Forensic Science International: Genetics</i> , 2009 , 3, 205-13	4-3	75
36	A Y-STR database of Iranian and Azerbaijanian minority populations. <i>Forensic Science International: Genetics</i> , 2009 , 4, e53-5	4-3	27
35	A Colombian Caribbean population study of 16 Y-chromosome STR loci. <i>Forensic Science International: Genetics</i> , 2008 , 2, e5-8	4-3	14

34	Microgeographic genetic variation of Y chromosome in a population sample of Ravenna area in the Emilia-Romagna region (North of Italy). <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 242-243	0.5	2
33	Analysis of Y chromosome STR haplotypes in the European part of Russia reveals high diversities but non-significant genetic distances between populations. <i>International Journal of Legal Medicine</i> , 2008 , 122, 219-23	3.1	48
32	Dynamic nature of the proximal AZFc region of the human Y chromosome: multiple independent deletion and duplication events revealed by microsatellite analysis. <i>Human Mutation</i> , 2008 , 29, 1171-80	4.7	52
31	Boundaries and clines in the West Eurasian Y-chromosome landscape: insights from the European part of Russia. <i>American Journal of Physical Anthropology</i> , 2008 , 137, 41-7	2.5	22
30	Evaluation of haplotype discrimination capacity of 35 Y-chromosomal short tandem repeat loci. <i>Forensic Science International</i> , 2008 , 174, 182-8	2.6	38
29	Y-chromosomal STR haplotypes in Kalmyk population samples. <i>Forensic Science International</i> , 2007 , 173, 204-9	2.6	28
28	Y chromosome haplotype reference database (YHRD): update. <i>Forensic Science International: Genetics</i> , 2007 , 1, 83-7	4.3	263
27	Relating two deep-rooted pedigrees from Central Germany by high-resolution Y-STR haplotyping. <i>Forensic Science International: Genetics</i> , 2007 , 1, 125-8	4.3	33
26	Evaluation of whole-genome amplification of low-copy-number DNA in chimerism analysis after allogeneic stem cell transplantation using STR marker typing. <i>Electrophoresis</i> , 2006 , 27, 3028-37	3.6	10
25	Identification of exhumed remains of fire tragedy victims using conventional methods and autosomal/Y-chromosomal short tandem repeat DNA profiling. <i>American Journal of Forensic Medicine and Pathology</i> , 2005 , 26, 285-91	1	28
24	Y-chromosomal STR haplotypes in Macedonian population samples. <i>Forensic Science International</i> , 2005 , 148, 69-73	2.6	15
23	Y-chromosomal STR haplotypes and their applications to forensic and population studies in east Asia. <i>International Journal of Legal Medicine</i> , 2005 , 119, 195-201	3.1	55
22	Signature of recent historical events in the European Y-chromosomal STR haplotype distribution. <i>Human Genetics</i> , 2005 , 116, 279-91	6.3	155
21	Significant genetic differentiation between Poland and Germany follows present-day political borders, as revealed by Y-chromosome analysis. <i>Human Genetics</i> , 2005 , 117, 428-43	6.3	98
20	Cell line DNA typing in forensic genetics--the necessity of reliable standards. <i>Forensic Science International</i> , 2003 , 138, 37-43	2.6	97
19	Asian online Y-STR Haplotype Reference Database. <i>Legal Medicine</i> , 2003 , 5 Suppl 1, S160-3	1.9	38
18	A nomenclature for YCA II which is compatible with the ISFG guidelines for Y-STR analysis. <i>International Congress Series</i> , 2003 , 1239, 481-485		2
17	The use of the Y chromosome in forensic genetics--current practices and future perspectives. <i>International Congress Series</i> , 2003 , 1239, 279-280		3

16	Homogeneity and distinctiveness of Polish paternal lineages revealed by Y chromosome microsatellite haplotype analysis. <i>Human Genetics</i> , 2002 , 110, 592-600	6.3	84
15	Online Y-chromosomal short tandem repeat haplotype reference database (YHRD) for U.S. populations. <i>Journal of Forensic Sciences</i> , 2002 , 47, 513-9	1.8	30
14	Melanesian origin of Polynesian Y-chromosomes. <i>Current Biology</i> , 2001 , 11, I-II	6.3	2
13	An extensive analysis of Y-chromosomal microsatellite haplotypes in globally dispersed human populations. <i>American Journal of Human Genetics</i> , 2001 , 68, 990-1018	11	167
12	Melanesian origin of Polynesian Y chromosomes. <i>Current Biology</i> , 2000 , 10, 1237-46	6.3	149
11	Characteristics and frequency of germline mutations at microsatellite loci from the human Y chromosome, as revealed by direct observation in father/son pairs. <i>American Journal of Human Genetics</i> , 2000 , 66, 1580-8	11	293
10	Y-chromosomal diversity in Europe is clinal and influenced primarily by geography, rather than by language. <i>American Journal of Human Genetics</i> , 2000 , 67, 1526-43	11	471
9	Male DNA Typing from 25-Year-Old Vaginal Swabs Using Y Chromosomal STR Polymorphisms in a Retrial Request Case. <i>Journal of Forensic Sciences</i> , 1999 , 44, 14570J	1.8	38
8	Applications of microsatellite-based Y chromosome haplotyping. <i>Electrophoresis</i> , 1997 , 18, 1602-7	3.6	56
7	Analysis of molecular variance (AMOVA) of Y-chromosome-specific microsatellites in two closely related human populations. <i>Human Molecular Genetics</i> , 1996 , 5, 1029-33	5.6	126
6	Increased microsatellite variability in <i>Macaca mulatta</i> compared to humans due to a large scale deletion/insertion event during primate evolution. <i>Electrophoresis</i> , 1995 , 16, 1607-11	3.6	23
5	Selected di- and tetranucleotide microsatellites from chromosomes 7, 12, 14, and Y in various Eurasian populations. <i>Human Genetics</i> , 1994 , 93, 592-6	6.3	33
4	Rapid and sensitive typing of forensic stains by PCR amplification of polymorphic simple repeat sequences in case work. <i>Forensic Science International</i> , 1992 , 53, 163-71	2.6	64
3	Hybridization and polymerase chain reaction amplification of simple repeated DNA sequences for the analysis of forensic stains. <i>Electrophoresis</i> , 1991 , 12, 181-6	3.6	16
2	Hypervariability of intronic simple (gt)n(ga)m repeats in HLA-DRB genes. <i>Immunogenetics</i> , 1990 , 32, 110-62	3.2	59
1	Next generation sequencing of Y-STRs in father-son pairs and comparison with traditional capillary electrophoresis. <i>Forensic Sciences Research</i> , 1-6	3.6	0