

Miroslava Derenko

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,275
citations

126708

33
h-index

114278

63
g-index

72
all docs

72
docs citations

72
times ranked

4886
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015, 349, aab3884.	6.0	449
2	Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016, 538, 238-242.	13.7	360
3	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. <i>Genome Research</i> , 2015, 25, 459-466.	2.4	348
4	Phylogeographic Analysis of Mitochondrial DNA in Northern Asian Populations. <i>American Journal of Human Genetics</i> , 2007, 81, 1025-1041.	2.6	183
5	Disuniting Uniformity: A Pied Cladistic Canvas of mtDNA Haplogroup H in Eurasia. <i>Molecular Biology and Evolution</i> , 2004, 21, 2012-2021.	3.5	170
6	The Genetic Legacy of the Expansion of Turkic-Speaking Nomads across Eurasia. <i>PLoS Genetics</i> , 2015, 11, e1005068.	1.5	149
7	Origin and Diffusion of mtDNA Haplogroup X. <i>American Journal of Human Genetics</i> , 2003, 73, 1178-1190.	2.6	148
8	Genome-Wide Analysis of Cold Adaptation in Indigenous Siberian Populations. <i>PLoS ONE</i> , 2014, 9, e98076.	1.1	128
9	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. <i>American Journal of Human Genetics</i> , 2014, 95, 584-589.	2.6	119
10	Diversity of Mitochondrial DNA Lineages in South Siberia. <i>Annals of Human Genetics</i> , 2003, 67, 391-411.	0.3	115
11	Complete Mitochondrial Genome and Phylogeny of Pleistocene Mammoth <i>Mammuthus primigenius</i> . <i>PLoS Biology</i> , 2006, 4, e73.	2.6	107
12	Origin and Post-Glacial Dispersal of Mitochondrial DNA Haplogroups C and D in Northern Asia. <i>PLoS ONE</i> , 2010, 5, e15214.	1.1	106
13	Complete Mitochondrial DNA Diversity in Iranians. <i>PLoS ONE</i> , 2013, 8, e80673.	1.1	93
14	The Peopling of Europe from the Mitochondrial Haplogroup U5 Perspective. <i>PLoS ONE</i> , 2010, 5, e10285.	1.1	89
15	Mitochondrial DNA Phylogeny in Eastern and Western Slavs. <i>Molecular Biology and Evolution</i> , 2008, 25, 1651-1658.	3.5	84
16	Mitochondrial DNA variability in Russians and Ukrainians: Implication to the origin of the Eastern Slavs. <i>Annals of Human Genetics</i> , 2001, 65, 63-78.	0.3	79
17	Contrasting patterns of Y-chromosome variation in South Siberian populations from Baikal and Altai-Sayan regions. <i>Human Genetics</i> , 2006, 118, 591-604.	1.8	70
18	Mitochondrial DNA Variability in Bosnians and Slovenians. <i>Annals of Human Genetics</i> , 2003, 67, 412-425.	0.3	68

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19	The Presence of Mitochondrial Haplogroup X in Altaians from South Siberia. <i>American Journal of Human Genetics</i> , 2001, 69, 237-241.	2.6	67
20	Analysis of phylogenetically reconstructed mutational spectra in human mitochondrial DNA control region. <i>Human Genetics</i> , 2002, 111, 46-53.	1.8	67
21	Differentiation of Mitochondrial DNA and Y Chromosomes in Russian Populations. <i>Human Biology</i> , 2004, 76, 877-900.	0.4	67
22	Selective sweep on human amylase genes postdates the split with Neanderthals. <i>Scientific Reports</i> , 2016, 6, 37198.	1.6	67
23	Y-chromosome haplogroup N dispersals from south Siberia to Europe. <i>Journal of Human Genetics</i> , 2007, 52, 763-770.	1.1	65
24	Mitochondrial DNA variability in Poles and Russians. <i>Annals of Human Genetics</i> , 2002, 66, 261-83.	0.3	63
25	The History of Slavs Inferred from Complete Mitochondrial Genome Sequences. <i>PLoS ONE</i> , 2013, 8, e54360.	1.1	62
26	Complex interactions of the Eastern and Western Slavic populations with other European groups as revealed by mitochondrial DNA analysis. <i>Forensic Science International: Genetics</i> , 2007, 1, 141-147.	1.6	60
27	Complete Mitochondrial DNA Analysis of Eastern Eurasian Haplogroups Rarely Found in Populations of Northern Asia and Eastern Europe. <i>PLoS ONE</i> , 2012, 7, e32179.	1.1	57
28	Ancient links between Siberians and Native Americans revealed by subtyping the Y chromosome haplogroup Q1a. <i>Journal of Human Genetics</i> , 2011, 56, 583-588.	1.1	56
29	Mitogenomic Diversity in Tatars from the Volga-Ural Region of Russia. <i>Molecular Biology and Evolution</i> , 2010, 27, 2220-2226.	3.5	47
30	Phylogeography of the Y-chromosome haplogroup C in northern Eurasia. <i>Annals of Human Genetics</i> , 2010, 74, 539-546.	0.3	45
31	Mitochondrial DNA Variability in Slovaks, with Application to the Roma Origin. <i>Annals of Human Genetics</i> , 2008, 72, 228-240.	0.3	43
32	Western Eurasian ancestry in modern Siberians based on mitogenomic data. <i>BMC Evolutionary Biology</i> , 2014, 14, 217.	3.2	41
33	The Y-chromosome C3* Star-Cluster Attributed to Genghis Khan's Descendants is Present at High Frequency in the Kerey Clan from Kazakhstan. <i>Human Biology</i> , 2012, 84, 79-89.	0.4	39
34	Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. <i>Current Biology</i> , 2017, 27, 2023-2028.e7.	1.8	37
35	Mitochondrial DNA Diversity in the Polish Roma. <i>Annals of Human Genetics</i> , 2006, 70, 195-206.	0.3	34
36	Phylogenetic relationships among <i>Neoechinorhynchus</i> species (Acanthocephala): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (<i>Neoechin</i> 2014, 63, 100-107.	0.6	31

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37	Mitochondrial DNA Variability in the Czech Population, with Application to the Ethnic History of Slavs. <i>Human Biology</i> , 2006, 78, 681-695.	0.4	29
38	Similarities and distinctions in Y chromosome gene pool of Western Slavs. <i>American Journal of Physical Anthropology</i> , 2010, 142, 540-548.	2.1	27
39	Mitochondrial haplogroup N1a phylogeography, with implication to the origin of European farmers. <i>BMC Evolutionary Biology</i> , 2010, 10, 304.	3.2	26
40	Developing STR databases on structured populations: The native South Siberian population versus the Russian population. <i>Forensic Science International: Genetics</i> , 2009, 3, e111-e116.	1.6	22
41	Distribution of the male lineages of Genghis Khan's descendants in northern Eurasian populations. <i>Russian Journal of Genetics</i> , 2007, 43, 334-337.	0.2	21
42	Allelic and haplotypic frequencies at 11 Y-STR loci in Buryats from South-East Siberia. <i>Forensic Science International</i> , 2006, 164, 271-275.	1.3	20
43	A novel multiplex assay amplifying 13 Y-STRs characterized by rapid and moderate mutation rate. <i>Forensic Science International: Genetics</i> , 2015, 15, 49-55.	1.6	19
44	Whole mitochondrial genome diversity in two Hungarian populations. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1255-1263.	1.0	19
45	Phylogeography and molecular adaptation of Siberian salamander <i>Salamandrella keyserlingii</i> based on mitochondrial DNA variation. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 562-571.	1.2	18
46	Y-chromosome diversity in the Kalmyks at the ethnical and tribal levels. <i>Journal of Human Genetics</i> , 2013, 58, 804-811.	1.1	18
47	Colonization history of the sable (<i>Martes zibellina</i>) (Mammalia, Carnivora) on the marginal peninsula and islands of northeastern Eurasia. <i>Journal of Mammalogy</i> , 2015, 96, 172-184.	0.6	18
48	Phylogeny and genetic history of the Siberian salamander (<i>Salamandrella keyserlingii</i> , Dybowski, 1870) inferred from complete mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 348-357.	1.2	17
49	Simple and cost-effective 14-loci SNP assay designed for differentiation of European, East Asian and African samples. <i>Forensic Science International: Genetics</i> , 2015, 14, 42-49.	1.6	17
50	Mitogenomic diversity in Russians and Poles. <i>Forensic Science International: Genetics</i> , 2017, 30, 51-56.	1.6	17
51	Phylogeography of sable (<i>Martes zibellina</i> L. 1758) in the southeast portion of its range based on mitochondrial DNA variation: highlighting the evolutionary history of the sable. <i>Acta Theriologica</i> , 2013, 58, 139-148.	1.1	16
52	A mitogenomic phylogeny and genetic history of sable (<i>Martes zibellina</i>). <i>Gene</i> , 2014, 550, 56-67.	1.0	16
53	Mitochondrial super-haplogroup U diversity in Serbians. <i>Annals of Human Biology</i> , 2017, 44, 408-418.	0.4	16
54	Mitochondrial DNA perspective of Serbian genetic diversity. <i>American Journal of Physical Anthropology</i> , 2015, 156, 449-465.	2.1	15

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55	Reconstructing the phylogeny of African mitochondrial DNA lineages in Slavs. <i>European Journal of Human Genetics</i> , 2008, 16, 1091-1096.	1.4	14
56	East Eurasian ancestry in the middle of Europe: genetic footprints of Steppe nomads in the genomes of Belarusian Lipka Tatars. <i>Scientific Reports</i> , 2016, 6, 30197.	1.6	14
57	Mitochondrial Haplogroup U2d Phylogeny and Distribution. <i>Human Biology</i> , 2008, 80, 565-571.	0.4	10
58	Mitogenomic diversity and differentiation of the Buryats. <i>Journal of Human Genetics</i> , 2018, 63, 71-81.	1.1	10
59	Insights into matrilineal genetic structure, differentiation and ancestry of Armenians based on complete mitogenome data. <i>Molecular Genetics and Genomics</i> , 2019, 294, 1547-1559.	1.0	9
60	Title is missing!. <i>Russian Journal of Genetics</i> , 2002, 38, 1196-1202.	0.2	8
61	Y chromosome haplotype diversity in Mongolic-speaking populations and gene conversion at the duplicated STR DYS385a,b in haplogroup C3-M407. <i>Journal of Human Genetics</i> , 2016, 61, 491-496.	1.1	7
62	Complete mitogenome data for the Serbian population: the contribution to high-quality forensic databases. <i>International Journal of Legal Medicine</i> , 2020, 134, 1581-1590.	1.2	7
63	Y-chromosome variation in Tajiks and Iranians. <i>Annals of Human Biology</i> , 2013, 40, 48-54.	0.4	6
64	On the Y-chromosome haplogroup C3c classification. <i>Journal of Human Genetics</i> , 2012, 57, 685-686.	1.1	5
65	The variation of 15 autosomal microsatellite DNA loci in five indigenous populations of South Siberia. <i>Molecular Biology</i> , 2007, 41, 531-538.	0.4	4
66	Response to Wyckelsma et al.: Loss of β -actinin-3 during human evolution provides superior cold resilience and muscle heat generation. <i>American Journal of Human Genetics</i> , 2022, 109, 967-972.	2.6	4
67	Title is missing!. <i>Russian Journal of Genetics</i> , 2002, 38, 1098-1103.	0.2	3
68	Mitochondrial DNA Variation in Russian Populations of Stavropol Krai, Orel and Saratov Oblasts. <i>Russian Journal of Genetics</i> , 2002, 38, 1298-1303.	0.2	3
69	On the origin of Y-chromosome haplogroup N1b. <i>European Journal of Human Genetics</i> , 2009, 17, 1540-1541.	1.4	3
70	Mitogenomics of modern Mongolic-speaking populations. <i>Molecular Genetics and Genomics</i> , 2021, , 1.	1.0	2
71	Mitogenomic diversity in Czechs and Slovaks. <i>Forensic Science International: Genetics</i> , 2022, 59, 102714.	1.6	0