List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mitogenomic diversity in Czechs and Slovaks. Forensic Science International: Genetics, 2022, 59, 102714.	3.1	0
2	Response to Wyckelsma etÂal.: Loss of α-actinin-3 during human evolution provides superior cold resilience and muscle heat generation. American Journal of Human Genetics, 2022, 109, 967-972.	6.2	4
3	Mitogenomics of modern Mongolic-speaking populations. Molecular Genetics and Genomics, 2021, , 1.	2.1	2
4	Complete mitogenome data for the Serbian population: the contribution to high-quality forensic databases. International Journal of Legal Medicine, 2020, 134, 1581-1590.	2.2	7
5	Insights into matrilineal genetic structure, differentiation and ancestry of Armenians based on complete mitogenome data. Molecular Genetics and Genomics, 2019, 294, 1547-1559.	2.1	9
6	Structure and Forming of Mitochondrial Gene Pool of Russian Population of Eastern Europe. Russian Journal of Genetics, 2019, 55, 622-629.	0.6	4
7	The population history of northeastern Siberia since the Pleistocene. Nature, 2019, 570, 182-188.	27.8	259
8	Optimization of the Y831C mutation detection in human DNA polymerase gamma by allelic discrimination assay Acta Biochimica Polonica, 2019, 53, 591-595.	0.5	10
9	Sources of the mitochondrial gene pool of Russians by the results of analysis of modern and paleogenomic data. Vavilovskii Zhurnal Genetiki I Selektsii, 2019, 23, 588-593.	1.1	0
10	Mitogenomic differences between the normal and tumor cells of colorectal cancer patients. Human Mutation, 2018, 39, 691-701.	2.5	16
11	Mitogenomic diversity and differentiation of the Buryats. Journal of Human Genetics, 2018, 63, 71-81.	2.3	10
12	High Level of Interspecific Divergence in the Salamandrella Genus Based on Variability of the RAG2 Gene. Russian Journal of Genetics, 2018, 54, 832-837.	0.6	2
13	Whole mitochondrial genome diversity in two Hungarian populations. Molecular Genetics and Genomics, 2018, 293, 1255-1263.	2.1	19
14	Long-term gene-environment interactions and genetics of metabolic disorders in aboriginal populations of Northeast Asia. Ecological Genetics, 2018, 16, 30-35.	0.5	5
15	Mitochondrial super-haplogroup U diversity in Serbians. Annals of Human Biology, 2017, 44, 408-418.	1.0	16
16	Mitogenomic diversity in Russians and Poles. Forensic Science International: Genetics, 2017, 30, 51-56.	3.1	17
17	The macrohaplogroup U structure in Russians. Russian Journal of Genetics, 2017, 53, 498-503.	0.6	2
18	Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. Current Biology, 2017, 27, 2023-2028.e7.	3.9	37

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19	The frequency of inactive sucrase-isomaltase variant in indigenous populations of Northeast Asia. Russian Journal of Genetics, 2017, 53, 1052-1054.	0.6	3
20	R577X polymorphism of alpha-actinin-3 in human populations of North-Eastern Asia. Ecological Genetics, 2017, 15, 50.	0.5	2
21	Polymorphism of the genes encoding for the carnitine acyltransferases in native populations of Siberia. Ecological Genetics, 2017, 15, 13-18.	0.5	1
22	Genomic analyses inform on migration events during the peopling of Eurasia. Nature, 2016, 538, 238-242.	27.8	360
23	Selective sweep on human amylase genes postdates the split with Neanderthals. Scientific Reports, 2016, 6, 37198.	3.3	67
24	East Eurasian ancestry in the middle of Europe: genetic footprints of Steppe nomads in the genomes of Belarusian Lipka Tatars. Scientific Reports, 2016, 6, 30197.	3.3	14
25	Y chromosome haplotype diversity in Mongolic-speaking populations and gene conversion at the duplicated STR DYS385a,b in haplogroup C3-M407. Journal of Human Genetics, 2016, 61, 491-496.	2.3	7
26	Mitochondrial DNA Polymerase Î ³ Mutations and Their Implications in mtDNA Alterations in Colorectal Cancer. Annals of Human Genetics, 2015, 79, 320-328.	0.8	21
27	Mitochondrial genome variability in the wolverine (Gulo gulo). Russian Journal of Genetics, 2015, 51, 1113-1118.	0.6	7
28	Topological conflicts in phylogenetic analysis of different regions of the sable (Martes zibellina L.) mitochondrial genome. Russian Journal of Genetics, 2015, 51, 783-790.	0.6	2
29	Phylogenetic relationships among Asiatic salamanders of the genus Salamandrella based on variability of nuclear genes. Russian Journal of Genetics, 2015, 51, 91-97.	0.6	4
30	The Genetic Legacy of the Expansion of Turkic-Speaking Nomads across Eurasia. PLoS Genetics, 2015, 11, e1005068.	3.5	149
31	Complete mitochondrial genome database and standardized classification system for Canis lupus familiaris. Forensic Science International: Genetics, 2015, 19, 123-129.	3.1	39
32	Genomic evidence for the Pleistocene and recent population history of Native Americans. Science, 2015, 349, aab3884.	12.6	449
33	Colonization history of the sable <i>Martes zibellina</i> (Mammalia, Carnivora) on the marginal peninsula and islands of northeastern Eurasia. Journal of Mammalogy, 2015, 96, 172-184.	1.3	18
34	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Genome Research, 2015, 25, 459-466.	5.5	348
35	Mitochondrial DNA perspective of Serbian genetic diversity. American Journal of Physical Anthropology, 2015, 156, 449-465.	2.1	15
36	Heteroplasmic substitutions in the entire mitochondrial genomes of human colon cells detected by ultra-deep 454 sequencing. Forensic Science International: Genetics, 2015, 15, 16-20.	3.1	19

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37	A novel multiplex assay amplifying 13 Y-STRs characterized by rapid and moderate mutation rate. Forensic Science International: Genetics, 2015, 15, 49-55.	3.1	19
38	Simple and cost-effective 14-loci SNP assay designed for differentiation of European, East Asian and African samples. Forensic Science International: Genetics, 2015, 14, 42-49.	3.1	17
39	Genome-Wide Analysis of Cold Adaptation in Indigenous Siberian Populations. PLoS ONE, 2014, 9, e98076.	2.5	128
40	Western Eurasian ancestry in modern Siberians based on mitogenomic data. BMC Evolutionary Biology, 2014, 14, 217.	3.2	41
41	Phylogenetic relationships among Neoechinorhynchus species (Acanthocephala:) Tj ETQq1 1 0.784314 rgBT /Ove 2014, 63, 100-107.	rlock 10 T [.] 1.3	f 50 587 Td 31
42	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. American Journal of Human Genetics, 2014, 95, 584-589.	6.2	119
43	A mitogenomic phylogeny and genetic history of sable (Martes zibellina). Gene, 2014, 550, 56-67.	2.2	16
44	Episodes of adaptive evolution of mitochondrial genome in asiatic salamanders (Amphibia, Caudata,) Tj ETQq0 0 C) rgBT /Ov	erjock 10 Tf
45	Complete mitochondrial genome of European pine marten, <i>Martes martes</i> . Mitochondrial DNA, 2014, 25, 372-373.	0.6	9
46	Genetic data from Y chromosome STR and SNP loci in Ukrainian population. Forensic Science International: Genetics, 2013, 7, 200-203.	3.1	25
47	Peculiarities of phosphoglycerate kinase-1 pseudogene evolution in Schrenck salamander (Salamandrella schrenckii Strauch 1870). Russian Journal of Genetics, 2013, 49, 722-729.	0.6	1
48	Y-chromosome diversity in the Kalmyks at the ethnical and tribal levels. Journal of Human Genetics, 2013, 58, 804-811.	2.3	18
49	Mitochondrial DNA polymorphisms shared between modern humans and neanderthals: Adaptive convergence or evidence for interspecific hybridization?. Russian Journal of Genetics, 2013, 49, 975-978.	0.6	1
50	Mutational process in protein-coding genes of human mitochondrial genome in context of evolution of Homo genus. Molecular Biology, 2013, 47, 807-813.	1.3	1
51	Improving the reconstructed sapiens reference sequence of mitochondrial DNA. Forensic Science International: Genetics, 2013, 7, e74-e75.	3.1	5
52	Y-chromosome variation in Tajiks and Iranians. Annals of Human Biology, 2013, 40, 48-54.	1.0	6
53	Phylogeny and genetic history of the Siberian salamander (Salamandrella keyserlingii, Dybowski, 1870) inferred from complete mitochondrial genomes. Molecular Phylogenetics and Evolution, 2013, 67, 348-357.	2.7	17
54	Phylogeography of sable (Martes zibellina L. 1758) in the southeast portion of its range based on mitochondrial DNA variation: highlighting the evolutionary history of the sable. Acta Theriologica, 2013, 58, 139-148.	1.1	16

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55	ÂMolecular evolution and adaptation of the mitochondrial cytochrome b gene in the subgenus Martes. Genetics and Molecular Research, 2013, 12, 3944-3954.	0.2	4
56	The History of Slavs Inferred from Complete Mitochondrial Genome Sequences. PLoS ONE, 2013, 8, e54360.	2.5	62
57	Complete Mitochondrial DNA Diversity in Iranians. PLoS ONE, 2013, 8, e80673.	2.5	93
58	Selective processes and adaptive evolution of the cytochrome b gene in salamanders of the genus Salamandrella. Russian Journal of Genetics, 2012, 48, 605-610.	0.6	3
59	The Y-chromosome C3* Star-Cluster Attributed to Genghis Khan's Descendants is Present at High Frequency in the Kerey Clan from Kazakhstan. Human Biology, 2012, 84, 79-89.	0.2	39
60	Complete Mitochondrial DNA Analysis of Eastern Eurasian Haplogroups Rarely Found in Populations of Northern Asia and Eastern Europe. PLoS ONE, 2012, 7, e32179.	2.5	57
61	On the Y-chromosome haplogroup C3c classification. Journal of Human Genetics, 2012, 57, 685-686.	2.3	5
62	The landscape of mitochondrial DNA variation in human colorectal cancer on the background of phylogenetic knowledge. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1825, 153-159.	7.4	10
63	Gene conversion in the mitochondrial genome on interspecific hybridization in voles of the Clethrionomys genus. Biochemistry (Moscow), 2012, 77, 518-523.	1.5	2
64	Ancient links between Siberians and Native Americans revealed by subtyping the Y chromosome haplogroup Q1a. Journal of Human Genetics, 2011, 56, 583-588.	2.3	56
65	Diversity of 15 human X chromosome microsatellite loci in Polish population. Forensic Science International: Genetics, 2011, 5, e71-e77.	3.1	14
66	Adaptive evolution signals in mitochondrial genes of Europeans. Biochemistry (Moscow), 2011, 76, 702-706.	1.5	4
67	Adaptive evolution of the Homo mitochondrial genome. Molecular Biology, 2011, 45, 780-784.	1.3	3
68	Polymorphism of 5′-promotor region of mitochondrial γ-DNA-polymerase Gene in human populations. Molecular Biology, 2011, 45, 852-853.	1.3	0
69	Population structure of Volga Tatars inferred from the mitochondrial DNA diversity data. Russian Journal of Genetics, 2011, 47, 340-346.	0.6	3
70	Adaptive intraspecific divergence: An example using the animal cytochrome b gene. Russian Journal of Genetics, 2011, 47, 979-986.	0.6	5
71	Intraspecific structure of sable Martes zibellina L. Inferred from nucleotide variation of the mitochondrial DNA cytochrome b gene. Russian Journal of Genetics, 2010, 46, 64-68.	0.6	16
72	Mitochondrial haplogroup N1a phylogeography, with implication to the origin of European farmers. BMC Evolutionary Biology, 2010, 10, 304.	3.2	26

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73	High frequency of somatic mutations in rat liver mitochondrial DNA. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 685, 97-102.	1.0	8
74	Similarities and distinctions in Y chromosome gene pool of Western Slavs. American Journal of Physical Anthropology, 2010, 142, 540-548.	2.1	27
75	Phylogeography and molecular adaptation of Siberian salamander Salamandrella keyserlingii based on mitochondrial DNA variation. Molecular Phylogenetics and Evolution, 2010, 56, 562-571.	2.7	18
76	Phylogeography of the Yâ€chromosome haplogroup C in northern Eurasia. Annals of Human Genetics, 2010, 74, 539-546.	0.8	45
77	Centers of genetic diversity and origin of newts of the genus Salamandrella (Salamandrella) Tj ETQq1 1 0.78431 2010, 435, 448-452.	4 rgBT /Ov 0.6	verlock 10 Tf (3
78	The Peopling of Europe from the Mitochondrial Haplogroup U5 Perspective. PLoS ONE, 2010, 5, e10285.	2.5	89
79	Origin and Post-Glacial Dispersal of Mitochondrial DNA Haplogroups C and D in Northern Asia. PLoS ONE, 2010, 5, e15214.	2.5	106
80	Mitogenomic Diversity in Tatars from the Volga-Ural Region of Russia. Molecular Biology and Evolution, 2010, 27, 2220-2226.	8.9	47
81	On the origin of Y-chromosome haplogroup N1b. European Journal of Human Genetics, 2009, 17, 1540-1541.	2.8	3
82	Analysis of mitochondrial DNA somatic mutations in OXYS and Wistar strain rats. Biochemistry (Moscow), 2009, 74, 430-437.	1.5	3
83	Genetic structure of Schrenck newt Salamandrella schrenckii populations by mitochondrial cytochrome b variation. Molecular Biology, 2009, 43, 47-54.	1.3	9
84	Different instability of the CAG microsatellite in two haplotype groups of human mitochondrial DNA polymerase gamma. Molecular Biology, 2009, 43, 573-577.	1.3	0
85	Polymorphism of Y-chromosomal microsatellites in Russian population from Southern Federal district of the Russian Federation. Russian Journal of Genetics, 2009, 45, 118-122.	0.6	0
86	Polymorphism of pigmentation genes (OCA2 and ASIP) in some populations of Russia. Russian Journal of Genetics, 2009, 45, 351-355.	0.6	0
87	Developing STR databases on structured populations: The native South Siberian population versus the Russian population. Forensic Science International: Genetics, 2009, 3, e111-e116.	3.1	22
88	Gene pool structure of Russian populations from the European part of Russia inferred from the data on Y chromosome haplogroups distribution. Russian Journal of Genetics, 2008, 44, 187-192.	0.6	4
89	On the origin of Mongoloid component in the mitochondrial gene pool of Slavs. Russian Journal of Genetics, 2008, 44, 344-349.	0.6	5
90	Reconstructing the phylogeny of African mitochondrial DNA lineages in Slavs. European Journal of Human Genetics, 2008, 16, 1091-1096.	2.8	14

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91	Cold spots of human mitochondrial DNA hypervariable segment 1. Molecular Biology, 2008, 42, 399-402.	1.3	2
92	Mitochondrial DNA Variability in Slovaks, with Application to the Roma Origin. Annals of Human Genetics, 2008, 72, 228-240.	0.8	43
93	Analysis of forensically used autosomal short tandem repeat markers in Polish and neighboring populations. Forensic Science International: Genetics, 2008, 2, 205-211.	3.1	21
94	Mitochondrial Haplogroup U2d Phylogeny and Distribution. Human Biology, 2008, 80, 565-571.	0.2	10
95	Mitochondrial DNA Phylogeny in Eastern and Western Slavs. Molecular Biology and Evolution, 2008, 25, 1651-1658.	8.9	84
96	Complex interactions of the Eastern and Western Slavic populations with other European groups as revealed by mitochondrial DNA analysis. Forensic Science International: Genetics, 2007, 1, 141-147.	3.1	60
97	Phylogeographic Analysis of Mitochondrial DNA in Northern Asian Populations. American Journal of Human Genetics, 2007, 81, 1025-1041.	6.2	183
98	Variation of 15 autosomal microsatellite DNA loci in the Russian population. Molecular Biology, 2007, 41, 1-4.	1.3	12
99	The variation of 15 autosomal microsatellite DNA loci in five indigenous populations of South Siberia. Molecular Biology, 2007, 41, 531-538.	1.3	4
100	Distribution of the male lineages of Genghis Khan's descendants in northern Eurasian populations. Russian Journal of Genetics, 2007, 43, 334-337.	0.6	21
101	Y-chromosome haplogroup N dispersals from south Siberia to Europe. Journal of Human Genetics, 2007, 52, 763-770.	2.3	65
102	Mitochondrial DNA Variability in the Czech Population, with Application to the Ethnic History of Slavs. Human Biology, 2006, 78, 681-695.	0.2	29
103	Mitochondrial DNA Diversity in the Polish Roma. Annals of Human Genetics, 2006, 70, 195-206.	0.8	34
104	The diversity of Y-chromosome lineages in indigenous population of South Siberia. Doklady Biological Sciences, 2006, 411, 466-470.	0.6	9
105	Allelic and haplotypic frequencies at 11 Y-STR loci in Buryats from South-East Siberia. Forensic Science International, 2006, 164, 271-275.	2.2	20
106	Contrasting patterns of Y-chromosome variation in South Siberian populations from Baikal and Altai-Sayan regions. Human Genetics, 2006, 118, 591-604.	3.8	70
107	Complete Mitochondrial Genome and Phylogeny of Pleistocene MammothMammuthus primigenius. PLoS Biology, 2006, 4, e73.	5.6	107
108	Genetic variation of 15 STR loci (D3S1358, vWA, FGA, TH01, TPOX, CSF1PO, D5S818, D13S317, D7S820,) Tj Forensic Science International, 2005, 147, 97-100.	ETQq0 0 0 r 2.2	gBT /Overlock 19

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109	Analysis of Mutation Mechanisms in Human Mitochondrial DNA. Molecular Biology, 2005, 39, 761-768.	1.3	7
110	The role of nucleotide context in the induction of mutations in human mitochondrial DNA genes. Russian Journal of Genetics, 2005, 41, 301-305.	0.6	2
111	Low Variability of the POLG (CAG) n Repeat in North Eurasian Populations. Human Biology, 2005, 77, 355-365.	0.2	11
112	Differentiation of Mitochondrial DNA and Y Chromosomes in Russian Populations. Human Biology, 2004, 76, 877-900.	0.2	67
113	Disuniting Uniformity: A Pied Cladistic Canvas of mtDNA Haplogroup H in Eurasia. Molecular Biology and Evolution, 2004, 21, 2012-2021.	8.9	170
114	Similarity of Mutation Spectra of the Mitochondrial DNA Hypervariable Segment 1 in Homo and Pan Species. Molecular Biology, 2004, 38, 370-375.	1.3	0
115	Comparison of the Mutation Spectrum of Hypervariable Segment 1 for Phylogeographical Groups of Human Mitochondrial DNA. Molecular Biology, 2004, 38, 503-508.	1.3	Ο
116	Mitochondrial DNA Variation in Two Russian Populations from Novgorod Oblast. Russian Journal of Genetics, 2004, 40, 795-799.	0.6	12
117	Differentiation of the Mitochondrial Subhaplogroup U4 in the Populations of Eastern Europe, Ural, and Western Siberia: Implication to the Genetic History of the Uralic Populations. Russian Journal of Genetics, 2004, 40, 1281-1287.	0.6	10
118	Restriction Polymorphism of Mitochondrial DNA in Koreans and Mongolians. Russian Journal of Genetics, 2004, 40, 1292-1299.	0.6	4
119	Mutagenesis by Transient Misalignment in the Human Mitochondrial DNA Control Region. Annals of Human Genetics, 2004, 68, 324-339.	0.8	31
120	On the Etruscan Mitochondrial DNA Contribution to Modern Humans. American Journal of Human Genetics, 2004, 75, 920-923.	6.2	12
121	FROM CONTEXT-DEPENDENCE OF MUTATIONS TO MOLECULAR MECHANISMS OF MUTAGENESIS. , 2004, , .		10
122	Structure and Diversity of the Mitochondrial Gene Pools of South Siberians. Doklady Biological Sciences, 2003, 393, 557-561.	0.6	7
123	High levels of mitochondrial DNA heteroplasmy in single hair roots: Reanalysis and revision. Electrophoresis, 2003, 24, 1159-1165.	2.4	42
124	Diversity of Mitochondrial DNA Lineages in South Siberia. Annals of Human Genetics, 2003, 67, 391-411.	0.8	115
125	Mitochondrial DNA Variability in Bosnians and Slovenians. Annals of Human Genetics, 2003, 67, 412-425.	0.8	68
126	Origin and Diffusion of mtDNA Haplogroup X. American Journal of Human Genetics, 2003, 73, 1178-1190.	6.2	148

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127	Analysis of phylogenetically reconstructed mutational spectra in human mitochondrial DNA control region. Human Genetics, 2002, 111, 46-53.	3.8	67
128	Mitochondrial DNA variability in Poles and Russians. Annals of Human Genetics, 2002, 66, 261-283.	0.8	111
129	Polymorphism of the Y-Chromosome Diallelic Loci in Ethnic Groups of the Altai–Sayan Region. Russian Journal of Genetics, 2002, 38, 309-314.	0.6	5
130	Mitochondrial DNA Polymorphism in Populations of the Caspian Region and Southeastern Europe. Russian Journal of Genetics, 2002, 38, 434-438.	0.6	4
131	Title is missing!. Molecular Biology, 2002, 36, 322-326.	1.3	5
132	Title is missing!. Russian Journal of Genetics, 2002, 38, 971-976.	0.6	4
133	Title is missing!. Russian Journal of Genetics, 2002, 38, 1098-1103.	0.6	3
134	Title is missing!. Russian Journal of Genetics, 2002, 38, 1196-1202.	0.6	8
135	Mitochondrial DNA Variation in Russian Populations of Stavropol Krai, Orel and Saratov Oblasts. Russian Journal of Genetics, 2002, 38, 1298-1303.	0.6	3
136	Mitochondrial DNA variability in Poles and Russians. Annals of Human Genetics, 2002, 66, 261-83.	0.8	63
137	The Presence of Mitochondrial Haplogroup X in Altaians from South Siberia. American Journal of Human Genetics, 2001, 69, 237-241.	6.2	67
138	Mitochondrial DNA variability in Russians and Ukrainians: Implication to the origin of the Eastern Slavs. Annals of Human Genetics, 2001, 65, 63-78.	0.8	79
139	Title is missing!. Russian Journal of Genetics, 2001, 37, 823-832.	0.6	8
140	Title is missing!. Russian Journal of Genetics, 2001, 37, 1177-1184.	0.6	15
141	Title is missing!. Russian Journal of Genetics, 2001, 37, 1185-1189.	0.6	9
142	Title is missing!. Russian Journal of Genetics, 2001, 37, 1329-1331.	0.6	1
143	Title is missing!. Russian Journal of Genetics, 2001, 37, 1437-1443.	0.6	9
144	Patterns of male-specific inter-population divergence in Europe, West Asia and North Africa. Annals of Human Genetics, 2000, 64, 395-412.	0.8	43

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145	Molecular instability of the mitochondrial haplogroup T sequences at nucleotide positions 16292 and 16296. Annals of Human Genetics, 1999, 63, 489-497.	0.8	19
146	Molecular instability of the mitochondrial haplogroup T sequences at nucleotide positions 16292 and 16296. Annals of Human Genetics, 1999, 63, 489-97.	0.8	7
147	Polymorphism of gene GC, encoding vitamin D binding protein, in aboriginal populations of Siberia. Ecological Genetics, 0, , .	0.5	1