Viktor Cerny

List of Publications by Year
in descending order

51 papers	1,711 citations	279798 23 h-index	302126 39 g-index
52 all docs	52 docs citations	52 times ranked	1772 citing authors

#	Article	IF	Citations
1	The Expansion of mtDNA Haplogroup L3 within and out of Africa. Molecular Biology and Evolution, 2012, 29, 915-927.	8.9	226
2	The Nubian Complex of Dhofar, Oman: An African Middle Stone Age Industry in Southern Arabia. PLoS ONE, 2011, 6, e28239.	2.5	172
3	The Arabian Cradle: Mitochondrial Relicts of the First Steps along the Southern Route out of Africa. American Journal of Human Genetics, 2012, 90, 347-355.	6.2	116
4	The First Modern Human Dispersals across Africa. PLoS ONE, 2013, 8, e80031.	2.5	86
5	Extensive Admixture and Selective Pressure Across the Sahel Belt. Genome Biology and Evolution, 2015, 7, 3484-3495.	2.5	68
6	A Bidirectional Corridor in the Sahel-Sudan Belt and the Distinctive Features of the Chad Basin Populations: A History Revealed by the Mitochondrial DNA Genome. Annals of Human Genetics, 2007, 71, 433-452.	0.8	61
7	Regional differences in the distribution of the subâ€Saharan, West Eurasian, and South Asian mtDNA lineages in Yemen. American Journal of Physical Anthropology, 2008, 136, 128-137.	2.1	54
8	Internal Diversification of Mitochondrial Haplogroup R0a Reveals Post-Last Glacial Maximum Demographic Expansions in South Arabia. Molecular Biology and Evolution, 2011, 28, 71-78.	8.9	53
9	Linking the sub-Saharan and West Eurasian gene pools: maternal and paternal heritage of the Tuareg nomads from the African Sahel. European Journal of Human Genetics, 2010, 18, 915-923.	2.8	47
10	Out of Arabiaâ€"The settlement of Island Soqotra as revealed by mitochondrial and Y chromosome genetic diversity. American Journal of Physical Anthropology, 2009, 138, 439-447.	2.1	44
11	Genetic Structure of Pastoral and Farmer Populations in the African Sahel. Molecular Biology and Evolution, 2011, 28, 2491-2500.	8.9	43
12	Migration of Chadic speaking pastoralists within Africa based on population structure of Chad Basin and phylogeography of mitochondrial L3f haplogroup. BMC Evolutionary Biology, 2009, 9, 63.	3.2	41
13	Near Eastern Neolithic genetic input in a small oasis of the Egyptian Western Desert. American Journal of Physical Anthropology, 2009, 140, 336-346.	2.1	40
14	Genetic Stratigraphy of Key Demographic Events in Arabia. PLoS ONE, 2015, 10, e0118625.	2.5	40
15	Pleistoceneâ€Holocene boundary in Southern Arabia from the perspective of human mtDNA variation. American Journal of Physical Anthropology, 2012, 149, 291-298.	2.1	37
16	mtDNA of Fulani Nomads and Their Genetic Relationships to Neighboring Sedentary Populations. Human Biology, 2006, 78, 9-27.	0.2	36
17	Population history and genetic adaptation of the Fulani nomads: inferences from genome-wide data and the lactase persistence trait. BMC Genomics, 2019, 20, 915.	2.8	36
18	The <scp>HLA</scp>â€B landscape of Africa: Signatures of pathogenâ€driven selection and molecular identification of candidate alleles to malaria protection. Molecular Ecology, 2017, 26, 6238-6252.	3.9	34

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19	Variation in NAT2 acetylation phenotypes is associated with differences in food-producing subsistence modes and ecoregions in Africa. BMC Evolutionary Biology, 2015, 15, 263.	3.2	33
20	60,000 years of interactions between Central and Eastern Africa documented by major African mitochondrial haplogroup L2. Scientific Reports, 2015, 5, 12526.	3.3	33
21	Population history of the Red Seaâ€"genetic exchanges between the Arabian Peninsula and East Africa signaled in the mitochondrial DNA HV1 haplogroup. American Journal of Physical Anthropology, 2011, 145, 592-598.	2.1	29
22	Applications of MALDIâ€TOF MS to largeâ€scale human mtDNA populationâ€based studies. Electrophoresis, 2009, 30, 3665-3673.	2.4	26
23	New Insights into the Lake Chad Basin Population Structure Revealed by High-Throughput Genotyping of Mitochondrial DNA Coding SNPs. PLoS ONE, 2011, 6, e18682.	2.5	26
24	Origin and spread of human mitochondrial DNA haplogroup U7. Scientific Reports, 2017, 7, 46044.	3.3	25
25	mtDNA sequences of Chadic-speaking populations from northern Cameroon suggest their affinities with eastern Africa. Annals of Human Biology, 2004, 31, 554-569.	1.0	24
26	Internal diversification of nonâ€Subâ€Saharan haplogroups in Sahelian populations and the spread of pastoralism beyond the Sahara. American Journal of Physical Anthropology, 2017, 164, 424-434.	2.1	23
27	Multiple and differentiated contributions to the male gene pool of pastoral and farmer populations of the African Sahel. American Journal of Physical Anthropology, 2013, 151, 10-21.	2.1	22
28	The historical spread of <scp>A</scp>rabian <scp>P</scp>astoralists to the eastern <scp>A</scp>frican <scp>S</scp>ahel evidenced by the lactase persistence â^'13,915*G allele and mitochondrial DNA. American Journal of Human Biology, 2017, 29, e22950.	1.6	21
29	Comprehensive view of the population history of <scp>A</scp>rabia as inferred by mt<scp>DNA</scp> variation. American Journal of Physical Anthropology, 2016, 159, 607-616.	2.1	19
30	Lactase Persistence Variants in Arabia and in the African Arabs. Human Biology, 2014, 86, 7-18.	0.2	18
31	The Genetic Impact of the Lake Chad Basin Population in North Africa as Documented by Mitochondrial Diversity and Internal Variation of the L3e5 Haplogroup. Annals of Human Genetics, 2013, 77, 513-523.	0.8	17
32	30,000-Year-Old Geometric Microliths Reveal Glacial Refugium in Dhofar, Southern Oman. Journal of Paleolithic Archaeology, 2019, 2, 338-357.	1.7	16
33	Evidence of Austronesian Genetic Lineages in East Africa and South Arabia: Complex Dispersal from Madagascar and Southeast Asia. Genome Biology and Evolution, 2019, 11, 748-758.	2.5	15
34	Genetic Structure of the Western and Eastern African Sahel/Savannah Belt and the Role of Nomadic Pastoralists as Inferred from the Variation of D-Loop Mitochondrial DNA Sequences. Human Biology, 2017, 89, 281.	0.2	14
35	Genetic history of the African Sahelian populations. Hla, 2018, 91, 153-166.	0.6	13
36	Sahelian pastoralism from the perspective of variants associated with lactase persistence. American Journal of Physical Anthropology, 2020, 173, 423-436.	2.1	13

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37	Subsistence strategy was the main factor driving population differentiation in the bidirectional corridor of the African Sahel. American Journal of Physical Anthropology, 2020, 171, 496-508.	2.1	11
38	Tabula rasa or refugia? Using genetic data to assess the peopling of Arabia. Arabian Archaeology and Epigraphy, 2013, 24, 95-101.	0.3	10
39	Comprehensive Analysis of Pan-African Mitochondrial DNA Variation Provides New Insights into Continental Variation and Demography. Journal of Genetics and Genomics, 2016, 43, 133-143.	3.9	10
40	Aluinsertion polymorphisms in the African Sahel and the origin of Fulani pastoralists. Annals of Human Biology, 2017, 44, 537-545.	1.0	10
41	Nomadic pastoralists and sedentary farmers of the Sahel/Savannah Belt of Africa in the light of geometric morphometrics based on facial portraits. American Journal of Physical Anthropology, 2019, 169, 632-645.	2.1	10
42	Safety of the Geneva Cocktail, a Cytochrome P450 and P-Glycoprotein Phenotyping Cocktail, in Healthy Volunteers from Three Different Geographic Origins. Drug Safety, 2020, 43, 1181-1189.	3.2	9
43	Demographic history and admixture dynamics in African Sahelian populations. Human Molecular Genetics, 2021, 30, R29-R36.	2.9	8
44	Mitochondrial DNA and craniofacial covariability of Chad Basin females indicate past population events. American Journal of Human Biology, 2008, 20, 465-474.	1.6	6
45	Circum-Saharan Prehistory through the Lens of mtDNA Diversity. Genes, 2022, 13, 533.	2.4	5
46	Lactase Persistence Variants in Arabia and in the African Arabs. Human Biology, 2014, 86, 7.	0.2	4
47	The place of Slovakian paternal diversity in the clinal European landscape. Annals of Human Biology, 2015, 42, 511-522.	1.0	3
48	Demographic history was a formative mechanism of the genetic structure for the taste receptor TAS2R16 in human populations inhabiting Africa's Sahel/Savannah Belt. American Journal of Physical Anthropology, 2021, , .	2.1	2
49	Mitochondrial DNA Structure of Yemeni Population: Regional Differences and the Implications for Different Migratory Contributions. Vertebrate Paleobiology and Paleoanthropology, 2010, , 69-78.	0.5	1
50	Genetic Structure of the Western and Eastern African Sahel/Savannah Belt and the Role of Nomadic Pastoralists as Inferred from the Variation of D-Loop Mitochondrial DNA Sequences. Human Biology, 2017, 89, 281-302.	0.2	1
51	Archaeogenetics of Africa and of the African Hunter-Gatherers. , 2014, , .		0