Ana Freire-Aradas

List of Publications by Year
in descending order

16 papers	447 citations	687220 13 h-index	940416 16 g-index
17 all docs	17 docs citations	17 times ranked	491 citing authors

#	Article	IF	Citations
1	Global patterns of STR sequence variation: Sequencing the CEPH human genome diversity panel for 58 forensic STRs using the Illumina ForenSeq DNA Signature Prep Kit. Electrophoresis, 2018, 39, 2708-2724.	1.3	51
2	Development of the VISAGE enhanced tool and statistical models for epigenetic age estimation in blood, buccal cells and bones. Aging, 2021, 13, 6459-6484.	1.4	49
3	HIrisPlex-S system for eye, hair, and skin color prediction from DNA: Massively parallel sequencing solutions for two common forensically used platforms. Forensic Science International: Genetics, 2019, 43, 102152.	1.6	45
4	Development and validation of the VISAGE AmpliSeq basic tool to predict appearance and ancestry from DNA. Forensic Science International: Genetics, 2020, 48, 102336.	1.6	43
5	Tracking age-correlated DNA methylation markers in the young. Forensic Science International: Genetics, 2018, 36, 50-59.	1.6	41
6	Towards broadening Forensic DNA Phenotyping beyond pigmentation: Improving the prediction of head hair shape from DNA. Forensic Science International: Genetics, 2018, 37, 241-251.	1.6	38
7	Evaluation of the predictive capacity of DNA variants associated with straight hair in Europeans. Forensic Science International: Genetics, 2015, 19, 280-288.	1.6	36
8	Modified aging of elite athletes revealed by analysis of epigenetic age markers. Aging, 2018, 10, 241-252.	1.4	25
9	Comparison of the genetic background of different Colombian populations using the SNPforID 52plex identification panel. International Journal of Legal Medicine, 2014, 128, 19-25.	1.2	22
10	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. Genes, 2021, 12, 1284.	1.0	20
11	Impact of genetic ancestry on chronological age prediction using DNA methylation analysis. Forensic Science International: Genetics Supplement Series, 2017, 6, e399-e400.	0.1	19
12	Combining current knowledge on DNA methylation-based age estimation towards the development of a superior forensic DNA intelligence tool. Forensic Science International: Genetics, 2022, 57, 102637.	1.6	15
13	A collaborative exercise on DNA methylation-based age prediction and body fluid typing. Forensic Science International: Genetics, 2022, 57, 102656.	1.6	15
14	Inferring biogeographic ancestry with compound markers of slow and fast evolving polymorphisms. European Journal of Human Genetics, 2018, 26, 1697-1707.	1.4	13
15	Dog breed affiliation with a forensically validated canine STR set. Forensic Science International: Genetics, 2018, 37, 126-134.	1.6	12
16	Characterization of U.S. population samples using a 34plex ancestry informative SNP multiplex. Forensic Science International: Genetics Supplement Series, 2011, 3, e182-e183.	0.1	2