Catarina Xavier

List of Publications by Citations

32 papers	523 citations	14 h-index	22 g-index
33 ext. papers	761 ext. citations	4.6 avg, IF	3.94 L-index

#	Paper	IF	Citations
32	Massively parallel sequencing of complete mitochondrial genomes from hair shaft samples. *Forensic Science International: Genetics*, **2015**, 15, 8-15	4.3	66
31	Evaluation of the Illumina ForenSeq DNA Signature Prep Kit - MPS forensic application for the MiSeq FGx benchtop sequencer. *Forensic Science International: Genetics*, **2017**, 28, 188-194	4.3	61
30	Full mtGenome reference data: development and characterization of 588 forensic-quality haplotypes representing three U.S. populations. *Forensic Science International: Genetics*, **2015**, 14, 141-55	4.3	59
29	Body fluid identification using a targeted mRNA massively parallel sequencing approach - results of a EUROFORGEN/EDNAP collaborative exercise. *Forensic Science International: Genetics*, **2018**, 34, 105-115	4.3	42
28	Optimized mtDNA Control Region Primer Extension Capture Analysis for Forensically Relevant Samples and Highly Compromised mtDNA of Different Age and Origin. *Genes*, **2017**, 8,	4.2	34
27	Building a custom large-scale panel of novel microhaplotypes for forensic identification using MiSeq and Ion S5 massively parallel sequencing systems. *Forensic Science International: Genetics*, **2020**, 45, 102213	4.3	27
26	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	4.3	24
25	Development and validation of the VISAGE AmpliSeq basic tool to predict appearance and ancestry from DNA. *Forensic Science International: Genetics*, **2020**, 48, 102336	4.3	22
24	Evaluation of mitogenome sequence concordance, heteroplasmy detection, and haplogrouping in a worldwide lineage study using the Precision ID mtDNA Whole Genome Panel. *Forensic Science International: Genetics*, **2019**, 42, 244-251	4.3	22
23	Admixture and genetic diversity distribution patterns of non-recombining lineages of Native American ancestry in Colombian populations. *PLoS ONE*, **2015**, 10, e0120155	3.7	16
22	SD quants-Sensitive detection tetraplex-system for nuclear and mitochondrial DNA quantification and degradation inference. *Forensic Science International: Genetics*, **2019**, 42, 39-44	4.3	15
21	Evaluation of the VISAGE Basic Tool for Appearance and Ancestry Prediction Using PowerSeq Chemistry on the MiSeq FGx System. *Genes*, **2020**, 11,	4.2	15
20	High-quality mtDNA control region sequences from 680 individuals sampled across the Netherlands to establish a national forensic mtDNA reference database. *Forensic Science International: Genetics*, **2016**, 21, 158-67	4.3	15
19	Evidence for multi-copy Mega-NUMTs in the human genome. *Nucleic Acids Research*, **2021**, 49, 1517-1531	20.1	15
18	Development and optimization of the VISAGE basic prototype tool for forensic age estimation. *Forensic Science International: Genetics*, **2020**, 48, 102322	4.3	13
17	Development of the VISAGE enhanced tool and statistical models for epigenetic age estimation in blood, buccal cells and bones. *Aging*, **2021**, 13, 6459-6484	5.6	11
16	Body fluid identification and assignment to donors using a targeted mRNA massively parallel sequencing approach - results of a second EUROFORGEN / EDNAP collaborative exercise. *Forensic Science International: Genetics*, **2020**, 45, 102208	4.3	9

15	The maternal inheritance of Alto Paran revealed by full mitogenome sequences. *Forensic Science International: Genetics*, **2019**, 39, 66-72	4.3	9
14	Broadening the Applicability of a Custom Multi-Platform Panel of Microhaplotypes: Bio-Geographical Ancestry Inference and Expanded Reference Data. *Frontiers in Genetics*, **2020**, 11, 581041	4.5	8
13	Forensic evaluation of the Asia Pacific ancestry-informative MAPlex assay. *Forensic Science International: Genetics*, **2020**, 48, 102344	4.3	8
12	Evaluation of DNA Extraction Methods Developed for Forensic and Ancient DNA Applications Using Bone Samples of Different Age. *Genes*, **2021**, 12,	4.2	7
11	Resolving the matrilineal relationship of seven Late Bronze Age individuals from Stillfried, Austria. *Forensic Science International: Genetics*, **2018**, 36, 148-151	4.3	5
10	DNA Testing Reveals the Putative Identity of JB55, a 19th Century Vampire Buried in Griswold, Connecticut. *Genes*, **2019**, 10,	4.2	4
9	The mitogenome portrait of Umbria in Central Italy as depicted by contemporary inhabitants and pre-Roman remains. *Scientific Reports*, **2020**, 10, 10700	4.9	4
8	Mitochondrial DNA control region variation in Lebanon, Jordan, and Bahrain. *Forensic Science International: Genetics*, **2019**, 42, 99-102	4.3	4
7	Paraguay: Unveiling migration patterns with ancestry genetic markers. *Forensic Science International: Genetics Supplement Series*, **2017**, 6, e226-e228	0.5	3
6	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. *Genes*, **2021**, 12,	4.2	2
5	The Ancestry of Eastern Paraguay: A Typical South American Profile with a Unique Pattern of Admixture. *Genes*, **2021**, 12,	4.2	1
4	Epigenetic age prediction in semen - marker selection and model development. *Aging*, **2021**, 13, 19145-19164	5.064	1
3	Impact of excessive alcohol abuse on age prediction using the VISAGE enhanced tool for epigenetic age estimation in blood. *International Journal of Legal Medicine*, **2021**, 135, 2209-2219	3.1	1
2	Evaluation of the VISAGE basic tool for appearance and ancestry inference using ForenSeq chemistry on the MiSeq FGx system.. *Forensic Science International: Genetics*, **2022**, 58, 102675	4.3	0
1	The maternal inheritance of the Ashaninka native group from Peru. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 135-137	0.5	0