Ewelina Pospiech

List of Publications by Citations

45 papers	975 citations	19 h-index	30 g-index
47 ext. papers	1,328 ext. citations	4.5 avg, IF	4.07 L-index

#	Paper	IF	Citations
45	Model-based prediction of human hair color using DNA variants. *Human Genetics*, **2011**, 129, 443-54	6.3	123
44	The HIrisPlex-S system for eye, hair and skin colour prediction from DNA: Introduction and forensic developmental validation. *Forensic Science International: Genetics*, **2018**, 35, 123-135	4.3	106
43	Global skin colour prediction from DNA. *Human Genetics*, **2017**, 136, 847-863	6.3	63
42	Gene-gene interactions contribute to eye colour variation in humans. *Journal of Human Genetics*, **2011**, 56, 447-55	4.3	52
41	Bona fide colour: DNA prediction of human eye and hair colour from ancient and contemporary skeletal remains. *Investigative Genetics*, **2013**, 4, 3		46
40	The common occurrence of epistasis in the determination of human pigmentation and its impact on DNA-based pigmentation phenotype prediction. *Forensic Science International: Genetics*, **2014**, 11, 64-72	4.3	39
39	Altered cytokine levels and immune responses in patients with SARS-CoV-2 infection and related conditions. *Cytokine*, **2020**, 133, 155143	4	39
38	The impact of mitochondrial and nuclear DNA variants on late-onset Alzheimer's disease risk. *Journal of Alzheimer's Disease*, **2011**, 27, 197-210	4.3	36
37	Evaluation of DNA variants associated with androgenetic alopecia and their potential to predict male pattern baldness. *PLoS ONE*, **2015**, 10, e0127852	3.7	34
36	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. *Human Molecular Genetics*, **2018**, 27, 559-575	5.6	33
35	Angiotensin converting enzyme: A review on expression profile and its association with human disorders with special focus on SARS-CoV-2 infection. *Vascular Pharmacology*, **2020**, 130, 106680	5.9	31
34	Prediction of eye color in the Slovenian population using the IrisPlex SNPs. *Croatian Medical Journal* , **2013**, 54, 381-6	1.6	29
33	Evaluation of the predictive capacity of DNA variants associated with straight hair in Europeans. *Forensic Science International: Genetics*, **2015**, 19, 280-288	4.3	26
32	Prediction of eye color from genetic data using Bayesian approach. *Journal of Forensic Sciences*, **2012**, 57, 880-6	1.8	26
31	Effects of host genetic variations on response to, susceptibility and severity of respiratory infections. *Biomedicine and Pharmacotherapy*, **2020**, 128, 110296	7.5	25
30	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
29	Towards broadening Forensic DNA Phenotyping beyond pigmentation: Improving the prediction of head hair shape from DNA. *Forensic Science International: Genetics*, **2018**, 37, 241-251	4.3	24

28	Increased risk of developing cutaneous malignant melanoma is associated with variation in pigmentation genes and VDR, and may involve epistatic effects. *Melanoma Research*, **2014**, 24, 388-96	3.3	23
27	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
26	Further evidence for population specific differences in the effect of DNA markers and gender on eye colour prediction in forensics. *International Journal of Legal Medicine*, **2016**, 130, 923-934	3.1	17
25	Investigating the impact of age-depended hair colour darkening during childhood on DNA-based hair colour prediction with the HIrisPlex system. *Forensic Science International: Genetics*, **2018**, 36, 26-33	4.3	17
24	Modified aging of elite athletes revealed by analysis of epigenetic age markers. *Aging*, **2018**, 10, 241-252	5.6	16
23	DNA methylation-based age clocks: From age prediction to age reversion. *Ageing Research Reviews*, **2021**, 68, 101314	12	16
22	GWAS links variants in neuronal development and actin remodeling related loci with pseudoexfoliation syndrome without glaucoma. *Experimental Eye Research*, **2018**, 168, 138-148	3.7	14
21	Potential association of single nucleotide polymorphisms in pigmentation genes with the development of basal cell carcinoma. *Journal of Dermatology*, **2012**, 39, 693-8	1.6	12
20	DNA-based predictive models for the presence of freckles. *Forensic Science International: Genetics*, **2019**, 42, 252-259	4.3	11
19	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
18	The challenge of predicting human pigmentation traits in degraded bone samples with the MPS-based HIrisPlex-S system. *Forensic Science International: Genetics*, **2020**, 47, 102301	4.3	10
17	Variants of SCARB1 and VDR Involved in Complex Genetic Interactions May Be Implicated in the Genetic Susceptibility to Clear Cell Renal Cell Carcinoma. *BioMed Research International*, **2015**, 2015, 860405	3	9
16	Exploring the possibility of predicting human head hair greying from DNA using whole-exome and targeted NGS data. *BMC Genomics*, **2020**, 21, 538	4.5	7
15	Variation in the RPTN gene may facilitate straight hair formation in Europeans and East Asians. *Journal of Dermatological Science*, **2018**, 91, 331-334	4.3	6
14	RNase MCPIP1 regulates hepatic peroxisome proliferator-activated receptor gamma via TXNIP/PGC-1alpha pathway. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2019**, 1864, 1458-1471	5	4
13	Non- Variants Selected by a GWAS Improve the Prediction of Impaired Tamoxifen Metabolism in Patients with Breast Cancer. *Journal of Clinical Medicine*, **2019**, 8,	5.1	3
12	A new dimension of the forensic DNA expertise - the need for training experts and expertise recipients. *Archiwum Medycyny Sadowej I Kryminologii*, **2014**, 64, 175-94	0.3	3
11	MCPIP1 inhibits Wnt/Ecatenin signaling pathway activity and modulates epithelial-mesenchymal transition during clear cell renal cell carcinoma progression by targeting miRNAs. *Oncogene*, **2021**,	9.2	3

10	Role of Heme-Oxygenase-1 in Biology of Cardiomyocytes Derived from Human Induced Pluripotent Stem Cells. *Cells*, **2021**, 10,	7.9	3
9	Hot on the Trail of Genes that Shape Our Fingerprints. *Journal of Investigative Dermatology*, **2016**, 136, 740-742	4.3	3
8	Deletion of Mcpip1 in Mcpip1Alb mice recapitulates the phenotype of human primary biliary cholangitis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2021**, 1867, 166086	6.9	2
7	A collaborative exercise on DNA methylation-based age prediction and body fluid typing.. *Forensic Science International: Genetics*, **2021**, 57, 102656	4.3	1
6	Epigenetic age prediction in semen - marker selection and model development. *Aging*, **2021**, 13, 19145-19164	5.6	1
5	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
4	Testing the impact of trait prevalence priors in Bayesian-based genetic prediction modeling of human appearance traits. *Forensic Science International: Genetics*, **2021**, 50, 102412	4.3	0
3	Searching for improvements in predicting human eye colour from DNA. *International Journal of Legal Medicine*, **2021**, 135, 2175-2187	3.1	0
2	miR-378 affects metabolic disturbances in the mdx model of Duchenne muscular dystrophy.. *Scientific Reports*, **2022**, 12, 3945	4.9	0
1	Overlapping association signals in the genetics of hair-related phenotypes in humans and their relevance to predictive DNA analysis.. *Forensic Science International: Genetics*, **2022**, 59, 102693	4.3	0