Wojciech Branicki

List of Publications by Citations

102 papers	3,305 citations	32 h-index	55 g-index
110 ext. papers	4,077 ext. citations	4.2 avg, IF	5.07 L-index

#	Paper	IF	Citations
102	The HIrisPlex system for simultaneous prediction of hair and eye colour from DNA. *Forensic Science International: Genetics*, **2013**, 7, 98-115	4.3	289
101	Ecological factors influence population genetic structure of European grey wolves. *Molecular Ecology*, **2006**, 15, 4533-53	5.7	169
100	Development of a forensically useful age prediction method based on DNA methylation analysis. *Forensic Science International: Genetics*, **2015**, 17, 173-179	4.3	159
99	Phylogeography of two European newt species--discordance between mtDNA and morphology. *Molecular Ecology*, **2005**, 14, 2475-91	5.7	156
98	Model-based prediction of human hair color using DNA variants. *Human Genetics*, **2011**, 129, 443-54	6.3	123
97	Examination of DNA methylation status of the ELOVL2 marker may be useful for human age prediction in forensic science. *Forensic Science International: Genetics*, **2015**, 14, 161-7	4.3	121
96	Developmental validation of the HIrisPlex system: DNA-based eye and hair colour prediction for forensic and anthropological usage. *Forensic Science International: Genetics*, **2014**, 9, 150-61	4.3	110
95	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
94	Mitochondrial phylogeography of the moor frog, Rana arvalis. *Molecular Ecology*, **2004**, 13, 1469-80	5.7	98
93	Phylogeographic history of grey wolves in Europe. *BMC Evolutionary Biology*, **2010**, 10, 104	3	94
92	Interactions between HERC2, OCA2 and MC1R may influence human pigmentation phenotype. *Annals of Human Genetics*, **2009**, 73, 160-70	2.2	87
91	Development of a methylation marker set for forensic age estimation using analysis of public methylation data and the Agena Bioscience EpiTYPER system. *Forensic Science International: Genetics*, **2016**, 24, 65-74	4.3	86
90	Homogeneity and distinctiveness of Polish paternal lineages revealed by Y chromosome microsatellite haplotype analysis. *Human Genetics*, **2002**, 110, 592-600	6.3	84
89	Validation of Cytochrome b Sequence Analysis as a Method of Species Identification. *Journal of Forensic Sciences*, **2003**, 48, 2002128	1.8	79
88	MC1R variants increased the risk of sporadic cutaneous melanoma in darker-pigmented Caucasians: a pooled-analysis from the M-SKIP project. *International Journal of Cancer*, **2015**, 136, 618-31	7.5	67
87	Global skin colour prediction from DNA. *Human Genetics*, **2017**, 136, 847-863	6.3	63
86	Determination of phenotype associated SNPs in the MC1R gene. *Journal of Forensic Sciences*, **2007**, 52, 349-54	1.8	57

85	MCPIP1 contributes to clear cell renal cell carcinomas development. *Angiogenesis*, **2017**, 20, 325-340	10.6	54
84	Genetic diversity and relatedness within packs in an intensely hunted population of wolvesCanis lupus. *Acta Theriologica*, **2005**, 50, 3-22		53
83	Gene-gene interactions contribute to eye colour variation in humans. *Journal of Human Genetics*, **2011**, 56, 447-55	4.3	52
82	Bona fide colour: DNA prediction of human eye and hair colour from ancient and contemporary skeletal remains. *Investigative Genetics*, **2013**, 4, 3		46
81	Association of the SLC45A2 gene with physiological human hair colour variation. *Journal of Human Genetics*, **2008**, 53, 966-971	4.3	45
80	DNA methylation in ELOVL2 and C1orf132 correctly predicted chronological age of individuals from three disease groups. *International Journal of Legal Medicine*, **2018**, 132, 1-11	3.1	43
79	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
78	The SARS-CoV-2 ORF10 is not essential in vitro or in vivo in humans. *PLoS Pathogens*, **2020**, 16, e1008959	7.6	42
77	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
76	Altered cytokine levels and immune responses in patients with SARS-CoV-2 infection and related conditions. *Cytokine*, **2020**, 133, 155143	4	39
75	Replication of Severe Acute Respiratory Syndrome Coronavirus 2 in Human Respiratory Epithelium. *Journal of Virology*, **2020**, 94,	6.6	37
74	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
73	Genetic identification of putative remains of the famous astronomer Nicolaus Copernicus. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12279-82	11.5	36
72	Evaluation of DNA variants associated with androgenetic alopecia and their potential to predict male pattern baldness. *PLoS ONE*, **2015**, 10, e0127852	3.7	34
71	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
70	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
69	Non-coding RNA profile in lung cancer. *Experimental and Molecular Pathology*, **2020**, 114, 104411	4.4	31
68	Prediction of eye color in the Slovenian population using the IrisPlex SNPs. *Croatian Medical Journal*, **2013**, 54, 381-6	1.6	29

67	The contribution of melanocortin 1 receptor gene polymorphisms and the agouti signalling protein gene 8818A>G polymorphism to cutaneous melanoma and basal cell carcinoma in a Polish population. *Experimental Dermatology*, **2009**, 18, 167-74	4	28
66	Association of polymorphic sites in the OCA2 gene with eye colour using the tree scanning method. *Annals of Human Genetics*, **2008**, 72, 184-92	2.2	28
65	MC1R gene variants and non-melanoma skin cancer: a pooled-analysis from the M-SKIP project. *British Journal of Cancer*, **2015**, 113, 354-63	8.7	26
64	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
63	Prediction of eye color from genetic data using Bayesian approach. *Journal of Forensic Sciences*, **2012**, 57, 880-6	1.8	26
62	Effects of host genetic variations on response to, susceptibility and severity of respiratory infections. *Biomedicine and Pharmacotherapy*, **2020**, 128, 110296	7.5	25
61	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
60	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
59	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
58	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
57	Biowarfare, bioterrorism and biocrime: A historical overview on microbial harmful applications. *Forensic Science International*, **2020**, 314, 110366	2.6	20
56	Forensic ancestry analysis with two capillary electrophoresis ancestry informative marker (AIM) panels: Results of a collaborative EDNAP exercise. *Forensic Science International: Genetics*, **2015**, 19, 56-67	4.3	18
55	Hypermethylation of and Influences Cell Death Signaling in Familial Alzheimer's Disease. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 6918797	6.7	18
54	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
53	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
52	Collaborative EDNAP exercise on the IrisPlex system for DNA-based prediction of human eye colour. *Forensic Science International: Genetics*, **2014**, 11, 241-51	4.3	17
51	Genetic variation of 15 autosomal STR loci in a population sample from Poland. *Legal Medicine*, **2010**, 12, 246-8	1.9	16
50	Modified aging of elite athletes revealed by analysis of epigenetic age markers. *Aging*, **2018**, 10, 241-252	5.6	16

49	DNA methylation-based age clocks: From age prediction to age reversion. *Ageing Research Reviews*, **2021**, 68, 101314	12	16
48	Development and optimization of the VISAGE basic prototype tool for forensic age estimation. *Forensic Science International: Genetics*, **2020**, 48, 102322	4.3	13
47	Association of Melanocortin-1 Receptor Variants with Pigmentary Traits in Humans: A Pooled Analysis from the M-Skip Project. *Journal of Investigative Dermatology*, **2016**, 136, 1914-1917	4.3	12
46	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
45	DNA-based predictive models for the presence of freckles. *Forensic Science International: Genetics*, **2019**, 42, 252-259	4.3	11
44	What's New in the Pathophysiology of Alopecia Areata? The Possible Contribution of Skin and Gut Microbiome in the Pathogenesis of Alopecia - Big Opportunities, Big Challenges, and Novel Perspectives. *International Journal of Trichology*, **2019**, 11, 185-188	1.1	11
43	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
42	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
41	Melanocortin-1 receptor, skin cancer and phenotypic characteristics (M-SKIP) project: study design and methods for pooling results of genetic epidemiological studies. *BMC Medical Research Methodology*, **2012**, 12, 116	4.7	10
40	MicroRNA Signature in Renal Cell Carcinoma. *Frontiers in Oncology*, **2020**, 10, 596359	5.3	10
39	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
38	MC1R variants in childhood and adolescent melanoma: a retrospective pooled analysis of a multicentre cohort. *The Lancet Child and Adolescent Health*, **2019**, 3, 332-342	14.5	8
37	A population data for 17 Y-chromosome STR loci in South Poland population sample--some DYS458.2 variants uncovered and sequenced. *Forensic Science International: Genetics*, **2009**, 4, e43-4	4.3	8
36	DNA methylation signature in blood does not predict calendar age in patients with chronic lymphocytic leukemia but may alert to the presence of disease. *Forensic Science International: Genetics*, **2018**, 34, e15-e17	4.3	7
35	STR data for SGM Plus and penta E and D loci in a population sample from south Poland. *Forensic Science International*, **2002**, 127, 237-9	2.6	7
34	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
33	Donor age and C1orf132/MIR29B2C determine age-related methylation signature of blood after allogeneic hematopoietic stem cell transplantation. *Clinical Epigenetics*, **2016**, 8, 93	7.7	7
32	Role of miRNA and lncRNAs in organ fibrosis and aging. *Biomedicine and Pharmacotherapy*, **2021**, 143, 112132	7.5	7

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31	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
30	Distribution of mtDNA Haplogroups in a Population Sample from Poland. *Journal of Forensic Sciences*, **2005**, 50, 1-2	1.8	5
29	Expression profile of lncRNAs and miRNAs in esophageal cancer: Implications in diagnosis, prognosis, and therapeutic response. *Journal of Cellular Physiology*, **2020**, 235, 9269-9290	7	4
28	Genetic examination of the putative skull of Jan Kochanowski reveals its female sex. *Croatian Medical Journal*, **2011**, 52, 403-9	1.6	4
27	Y-chromosomal polymorphic loci DYS19, DYS390, DYS393 in a population sample from northern Poland. *Electrophoresis*, **1999**, 20, 1702-6	3.6	4
26	Assessment of expression profile of microRNAs in multiple sclerosis patients treated with fingolimod. *Journal of Molecular Neuroscience*, **2020**, 70, 1274-1281	3.3	3
25	A cautionary note on using binary calls for analysis of DNA methylation. *Bioinformatics*, **2015**, 31, 1519-20	7.2	3
24	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
23	Application of BioRobot M48 to forensic DNA extraction. *Forensic Science International: Genetics Supplement Series*, **2008**, 1, 58-59	0.5	3
22	STR data for AmpF/STR Profiler Plus loci in south Poland. *Forensic Science International*, **2001**, 122, 173-4	2.6	3
21	Replication of SARS-CoV-2 in human respiratory epithelium		3
20	Evaluation of supervised machine-learning methods for predicting appearance traits from DNA. *Forensic Science International: Genetics*, **2021**, 53, 102507	4.3	3
19	Hot on the Trail of Genes that Shape Our Fingerprints. *Journal of Investigative Dermatology*, **2016**, 136, 740-742	4.3	3
18	Identification of Cellular Factors Required for SARS-CoV-2 Replication. *Cells*, **2021**, 10,	7.9	2
17	Recommendations of the Polish Speaking Working Group of the International Society for Forensic Genetics on forensic Y chromosome typing. *Archiwum Medycyny Sadowej I Kryminologii*, **2020**, 70, 1-18	0.3	2
16	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. *Genes*, **2021**, 12,	4.2	2
15	Examples of combining genetic evidence Bayesian network approach. *Forensic Science International: Genetics Supplement Series*, **2008**, 1, 669-670	0.5	1
14	Determination of forensically relevant SNPs in the MC1R gene. *International Congress Series*, **2006**, 1288, 816-818		1

LIST OF PUBLICATIONS

13	A collaborative exercise on DNA methylation-based age prediction and body fluid typing.. *Forensic Science International: Genetics*, **2021**, 57, 102656	4.3	1
12	The SARS-CoV-2 ORF10 is not essential in vitro or in vivo in humans		1
11	The impact of correlations between pigmentation phenotypes and underlying genotypes on genetic prediction of pigmentation traits. *Forensic Science International: Genetics*, **2021**, 50, 102395	4.3	1
10	Recommendations of the Polish Speaking Working Group of the International Society for Forensic Genetics for forensic mitochondrial DNA testing. *Archiwum Medycyny Sadowej I Kryminologii*, **2018**, 68, 242-258	0.3	1
9	Epigenetic age prediction in semen - marker selection and model development. *Aging*, **2021**, 13, 19145-19164	5.0	1
8	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
7	Examination of LT-DNA traces - literature overview and general recommendations of the Polish Speaking Working Group of the International Society for Forensic Genetics (ISFG-PL). *Archiwum Medycyny Sadowej I Kryminologii*, **2020**, 70, 103-123	0.3	0
6	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
5	Searching for improvements in predicting human eye colour from DNA. *International Journal of Legal Medicine*, **2021**, 135, 2175-2187	3.1	0
4	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
3	Prediction of Human Pigmentation Traits from DNA Polymorphisms **2015**, 1-10		
2	The OCA2 gene as a marker for eye colour prediction. *Forensic Science International: Genetics Supplement Series*, **2008**, 1, 536-537	0.5	
1	Beyond HV1 and HV2 Identification of valuable mitochondrial DNA single nucleotide polymorphisms. *International Congress Series*, **2004**, 1261, 100-102		