

Wojciech Branicki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Overlapping association signals in the genetics of hair-related phenotypes in humans and their relevance to predictive DNA analysis.. <i>Forensic Science International: Genetics</i> , 2022 , 59, 102693	4.3	0
101	Identification of Cellular Factors Required for SARS-CoV-2 Replication. <i>Cells</i> , 2021 , 10,	7.9	2
100	A collaborative exercise on DNA methylation-based age prediction and body fluid typing.. <i>Forensic Science International: Genetics</i> , 2021 , 57, 102656	4.3	1
99	Development of the VISAGE enhanced tool and statistical models for epigenetic age estimation in blood, buccal cells and bones. <i>Aging</i> , 2021 , 13, 6459-6484	5.6	11
98	DNA methylation-based age clocks: From age prediction to age reversion. <i>Ageing Research Reviews</i> , 2021 , 68, 101314	12	16
97	Evaluation of supervised machine-learning methods for predicting appearance traits from DNA. <i>Forensic Science International: Genetics</i> , 2021 , 53, 102507	4.3	3
96	The impact of correlations between pigmentation phenotypes and underlying genotypes on genetic prediction of pigmentation traits. <i>Forensic Science International: Genetics</i> , 2021 , 50, 102395	4.3	1
95	Testing the impact of trait prevalence priors in Bayesian-based genetic prediction modeling of human appearance traits. <i>Forensic Science International: Genetics</i> , 2021 , 50, 102412	4.3	0
94	Searching for improvements in predicting human eye colour from DNA. <i>International Journal of Legal Medicine</i> , 2021 , 135, 2175-2187	3.1	0
93	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. <i>Genes</i> , 2021 , 12,	4.2	2
92	Epigenetic age prediction in semen - marker selection and model development. <i>Aging</i> , 2021 , 13, 19145-19164	5.64	1
91	Impact of excessive alcohol abuse on age prediction using the VISAGE enhanced tool for epigenetic age estimation in blood. <i>International Journal of Legal Medicine</i> , 2021 , 135, 2209-2219	3.1	1
90	Role of miRNA and lncRNAs in organ fibrosis and aging. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112132	7.5	7
89	Angiotensin converting enzyme: A review on expression profile and its association with human disorders with special focus on SARS-CoV-2 infection. <i>Vascular Pharmacology</i> , 2020 , 130, 106680	5.9	31
88	Effects of host genetic variations on response to, susceptibility and severity of respiratory infections. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 128, 110296	7.5	25
87	Replication of Severe Acute Respiratory Syndrome Coronavirus 2 in Human Respiratory Epithelium. <i>Journal of Virology</i> , 2020 , 94,	6.6	37
86	The challenge of predicting human pigmentation traits in degraded bone samples with the MPS-based HirisPlex-S system. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102301	4.3	10

85	Development and optimization of the VISAGE basic prototype tool for forensic age estimation. <i>Forensic Science International: Genetics</i> , 2020 , 48, 102322	4.3	13
84	Expression profile of lncRNAs and miRNAs in esophageal cancer: Implications in diagnosis, prognosis, and therapeutic response. <i>Journal of Cellular Physiology</i> , 2020 , 235, 9269-9290	7	4
83	Assessment of expression profile of microRNAs in multiple sclerosis patients treated with fingolimod. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 1274-1281	3.3	3
82	Biowarfare, bioterrorism and biocrime: A historical overview on microbial harmful applications. <i>Forensic Science International</i> , 2020 , 314, 110366	2.6	20
81	Development and validation of the VISAGE AmpliSeq basic tool to predict appearance and ancestry from DNA. <i>Forensic Science International: Genetics</i> , 2020 , 48, 102336	4.3	22
80	Non-coding RNA profile in lung cancer. <i>Experimental and Molecular Pathology</i> , 2020 , 114, 104411	4.4	31
79	The SARS-CoV-2 ORF10 is not essential in vitro or in vivo in humans. <i>PLoS Pathogens</i> , 2020 , 16, e1008959	7.6	42
78	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). <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2020 , 70, 103-123	0.3	0
77	Altered cytokine levels and immune responses in patients with SARS-CoV-2 infection and related conditions. <i>Cytokine</i> , 2020 , 133, 155143	4	39
76	MicroRNA Signature in Renal Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020 , 10, 596359	5.3	10
75	Exploring the possibility of predicting human head hair greying from DNA using whole-exome and targeted NGS data. <i>BMC Genomics</i> , 2020 , 21, 538	4.5	7
74	Recommendations of the Polish Speaking Working Group of the International Society for Forensic Genetics on forensic Y chromosome typing. <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2020 , 70, 1-18	0.3	2
73	MC1R variants in childhood and adolescent melanoma: a retrospective pooled analysis of a multicentre cohort. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, 332-342	14.5	8
72	DNA-based predictive models for the presence of freckles. <i>Forensic Science International: Genetics</i> , 2019 , 42, 252-259	4.3	11
71	HirisPlex-S system for eye, hair, and skin color prediction from DNA: Massively parallel sequencing solutions for two common forensically used platforms. <i>Forensic Science International: Genetics</i> , 2019 , 43, 102152	4.3	24
70	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. <i>International Journal of Trichology</i> , 2019 , 11, 185-188	1.1	11
69	DNA methylation signature in blood does not predict calendar age in patients with chronic lymphocytic leukemia but may alert to the presence of disease. <i>Forensic Science International: Genetics</i> , 2018 , 34, e15-e17	4.3	7
68	Body fluid identification using a targeted mRNA massively parallel sequencing approach - results of a EUROFORGEN/EDNAP collaborative exercise. <i>Forensic Science International: Genetics</i> , 2018 , 34, 105-115	4.3	42

67	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. <i>Human Molecular Genetics</i> , 2018 , 27, 559-575	5.6	33
66	The HirisPlex-S system for eye, hair and skin colour prediction from DNA: Introduction and forensic developmental validation. <i>Forensic Science International: Genetics</i> , 2018 , 35, 123-135	4.3	106
65	DNA methylation in ELOVL2 and C1orf132 correctly predicted chronological age of individuals from three disease groups. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1-11	3.1	43
64	Investigating the impact of age-dependend hair colour darkening during childhood on DNA-based hair colour prediction with the HirisPlex system. <i>Forensic Science International: Genetics</i> , 2018 , 36, 26-33	4.3	17
63	Modified aging of elite athletes revealed by analysis of epigenetic age markers. <i>Aging</i> , 2018 , 10, 241-252	5.6	16
62	Recommendations of the Polish Speaking Working Group of the International Society for Forensic Genetics for forensic mitochondrial DNA testing. <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2018 , 68, 242-258	0.3	1
61	Towards broadening Forensic DNA Phenotyping beyond pigmentation: Improving the prediction of head hair shape from DNA. <i>Forensic Science International: Genetics</i> , 2018 , 37, 241-251	4.3	24
60	Variation in the RPTN gene may facilitate straight hair formation in Europeans and East Asians. <i>Journal of Dermatological Science</i> , 2018 , 91, 331-334	4.3	6
59	Hypermethylation of and Influences Cell Death Signaling in Familial Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 6918797	6.7	18
58	MCPIP1 contributes to clear cell renal cell carcinomas development. <i>Angiogenesis</i> , 2017 , 20, 325-340	10.6	54
57	Global skin colour prediction from DNA. <i>Human Genetics</i> , 2017 , 136, 847-863	6.3	63
56	Further evidence for population specific differences in the effect of DNA markers and gender on eye colour prediction in forensics. <i>International Journal of Legal Medicine</i> , 2016 , 130, 923-934	3.1	17
55	Development of a methylation marker set for forensic age estimation using analysis of public methylation data and the Agena Bioscience EpiTYPER system. <i>Forensic Science International: Genetics</i> , 2016 , 24, 65-74	4.3	86
54	Association of Melanocortin-1 Receptor Variants with Pigmentary Traits in Humans: A Pooled Analysis from the M-Skip Project. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1914-1917	4.3	12
53	Hot on the Trail of Genes that Shape Our Fingerprints. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 740-742	4.3	3
52	Donor age and C1orf132/MIR29B2C determine age-related methylation signature of blood after allogeneic hematopoietic stem cell transplantation. <i>Clinical Epigenetics</i> , 2016 , 8, 93	7.7	7
51	Forensic ancestry analysis with two capillary electrophoresis ancestry informative marker (AIM) panels: Results of a collaborative EDNAP exercise. <i>Forensic Science International: Genetics</i> , 2015 , 19, 56-67	4.3	18
50	MC1R gene variants and non-melanoma skin cancer: a pooled-analysis from the M-SKIP project. <i>British Journal of Cancer</i> , 2015 , 113, 354-63	8.7	26

49	Evaluation of the predictive capacity of DNA variants associated with straight hair in Europeans. <i>Forensic Science International: Genetics</i> , 2015 , 19, 280-288	4.3	26
48	Examination of DNA methylation status of the ELOVL2 marker may be useful for human age prediction in forensic science. <i>Forensic Science International: Genetics</i> , 2015 , 14, 161-7	4.3	121
47	MC1R variants increased the risk of sporadic cutaneous melanoma in darker-pigmented Caucasians: a pooled-analysis from the M-SKIP project. <i>International Journal of Cancer</i> , 2015 , 136, 618-31	7.5	67
46	Prediction of Human Pigmentation Traits from DNA Polymorphisms 2015 , 1-10		
45	Evaluation of DNA variants associated with androgenetic alopecia and their potential to predict male pattern baldness. <i>PLoS ONE</i> , 2015 , 10, e0127852	3.7	34
44	Variants of SCARB1 and VDR Involved in Complex Genetic Interactions May Be Implicated in the Genetic Susceptibility to Clear Cell Renal Cell Carcinoma. <i>BioMed Research International</i> , 2015 , 2015, 860405	3	9
43	Development of a forensically useful age prediction method based on DNA methylation analysis. <i>Forensic Science International: Genetics</i> , 2015 , 17, 173-179	4.3	159
42	A cautionary note on using binary calls for analysis of DNA methylation. <i>Bioinformatics</i> , 2015 , 31, 1519-20.2		3
41	Developmental validation of the HirisPlex system: DNA-based eye and hair colour prediction for forensic and anthropological usage. <i>Forensic Science International: Genetics</i> , 2014 , 9, 150-61	4.3	110
40	Collaborative EDNAP exercise on the IrisPlex system for DNA-based prediction of human eye colour. <i>Forensic Science International: Genetics</i> , 2014 , 11, 241-51	4.3	17
39	The common occurrence of epistasis in the determination of human pigmentation and its impact on DNA-based pigmentation phenotype prediction. <i>Forensic Science International: Genetics</i> , 2014 , 11, 64-72	4.3	39
38	A new dimension of the forensic DNA expertise - the need for training experts and expertise recipients. <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2014 , 64, 175-94	0.3	3
37	Increased risk of developing cutaneous malignant melanoma is associated with variation in pigmentation genes and VDR, and may involve epistatic effects. <i>Melanoma Research</i> , 2014 , 24, 388-96	3.3	23
36	The HirisPlex system for simultaneous prediction of hair and eye colour from DNA. <i>Forensic Science International: Genetics</i> , 2013 , 7, 98-115	4.3	289
35	Bona fide colour: DNA prediction of human eye and hair colour from ancient and contemporary skeletal remains. <i>Investigative Genetics</i> , 2013 , 4, 3		46
34	Prediction of eye color in the Slovenian population using the IrisPlex SNPs. <i>Croatian Medical Journal</i> , 2013 , 54, 381-6	1.6	29
33	Prediction of eye color from genetic data using Bayesian approach. <i>Journal of Forensic Sciences</i> , 2012 , 57, 880-6	1.8	26
32	Potential association of single nucleotide polymorphisms in pigmentation genes with the development of basal cell carcinoma. <i>Journal of Dermatology</i> , 2012 , 39, 693-8	1.6	12

31	Melanocortin-1 receptor, skin cancer and phenotypic characteristics (M-SKIP) project: study design and methods for pooling results of genetic epidemiological studies. <i>BMC Medical Research Methodology</i> , 2012 , 12, 116	4.7	10
30	Gene-gene interactions contribute to eye colour variation in humans. <i>Journal of Human Genetics</i> , 2011 , 56, 447-55	4.3	52
29	The impact of mitochondrial and nuclear DNA variants on late-onset Alzheimer's disease risk. <i>Journal of Alzheimer's Disease</i> , 2011 , 27, 197-210	4.3	36
28	Model-based prediction of human hair color using DNA variants. <i>Human Genetics</i> , 2011 , 129, 443-54	6.3	123
27	Genetic examination of the putative skull of Jan Kochanowski reveals its female sex. <i>Croatian Medical Journal</i> , 2011 , 52, 403-9	1.6	4
26	Phylogeographic history of grey wolves in Europe. <i>BMC Evolutionary Biology</i> , 2010 , 10, 104	3	94
25	Genetic variation of 15 autosomal STR loci in a population sample from Poland. <i>Legal Medicine</i> , 2010 , 12, 246-8	1.9	16
24	Genetic identification of putative remains of the famous astronomer Nicolaus Copernicus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12279-82	11.5	36
23	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. <i>Experimental Dermatology</i> , 2009 , 18, 167-74	4	28
22	Interactions between HERC2, OCA2 and MC1R may influence human pigmentation phenotype. <i>Annals of Human Genetics</i> , 2009 , 73, 160-70	2.2	87
21	A population data for 17 Y-chromosome STR loci in South Poland population sample--some DYS458.2 variants uncovered and sequenced. <i>Forensic Science International: Genetics</i> , 2009 , 4, e43-4	4.3	8
20	Association of polymorphic sites in the OCA2 gene with eye colour using the tree scanning method. <i>Annals of Human Genetics</i> , 2008 , 72, 184-92	2.2	28
19	Examples of combining genetic evidence--Bayesian network approach. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 669-670	0.5	1
18	The OCA2 gene as a marker for eye colour prediction. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 536-537	0.5	
17	Application of BioRobot M48 to forensic DNA extraction. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 58-59	0.5	3
16	Association of the SLC45A2 gene with physiological human hair colour variation. <i>Journal of Human Genetics</i> , 2008 , 53, 966-971	4.3	45
15	Determination of phenotype associated SNPs in the MC1R gene. <i>Journal of Forensic Sciences</i> , 2007 , 52, 349-54	1.8	57
14	Determination of forensically relevant SNPs in the MC1R gene. <i>International Congress Series</i> , 2006 , 1288, 816-818		1

13	Ecological factors influence population genetic structure of European grey wolves. <i>Molecular Ecology</i> , 2006 , 15, 4533-53	5.7	169
12	Phylogeography of two European newt species--discordance between mtDNA and morphology. <i>Molecular Ecology</i> , 2005 , 14, 2475-91	5.7	156
11	Genetic diversity and relatedness within packs in an intensely hunted population of wolves <i>Canis lupus</i> . <i>Acta Theriologica</i> , 2005 , 50, 3-22		53
10	Distribution of mtDNA Haplogroups in a Population Sample from Poland. <i>Journal of Forensic Sciences</i> , 2005 , 50, 1-2	1.8	5
9	Mitochondrial phylogeography of the moor frog, <i>Rana arvalis</i> . <i>Molecular Ecology</i> , 2004 , 13, 1469-80	5.7	98
8	Beyond HV1 and HV2 Identification of valuable mitochondrial DNA single nucleotide polymorphisms. <i>International Congress Series</i> , 2004 , 1261, 100-102		
7	Validation of Cytochrome b Sequence Analysis as a Method of Species Identification. <i>Journal of Forensic Sciences</i> , 2003 , 48, 2002128	1.8	79
6	Homogeneity and distinctiveness of Polish paternal lineages revealed by Y chromosome microsatellite haplotype analysis. <i>Human Genetics</i> , 2002 , 110, 592-600	6.3	84
5	STR data for SGM Plus and penta E and D loci in a population sample from south Poland. <i>Forensic Science International</i> , 2002 , 127, 237-9	2.6	7
4	STR data for AmpF/STR Profiler Plus loci in south Poland. <i>Forensic Science International</i> , 2001 , 122, 173-42.6		3
3	Y-chromosomal polymorphic loci DYS19, DYS390, DYS393 in a population sample from northern Poland. <i>Electrophoresis</i> , 1999 , 20, 1702-6	3.6	4
2	The SARS-CoV-2 ORF10 is not essential in vitro or in vivo in humans		1
1	Replication of SARS-CoV-2 in human respiratory epithelium		3