

Ewelina PoÅ>piech

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,617
citations

279798

23
h-index

315739

38
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47
all docs

47
docs citations

47
times ranked

1979
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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. | 3.1 | 199 |
| 2 | Model-based prediction of human hair color using DNA variants. <i>Human Genetics</i> , 2011, 129, 443-454. | 3.8 | 151 |
| 3 | Global skin colour prediction from DNA. <i>Human Genetics</i> , 2017, 136, 847-863. | 3.8 | 99 |
| 4 | Altered cytokine levels and immune responses in patients with SARS-CoV-2 infection and related conditions. <i>Cytokine</i> , 2020, 133, 155143. | 3.2 | 64 |
| 5 | DNA methylation-based age clocks: From age prediction to age reversion. <i>Ageing Research Reviews</i> , 2021, 68, 101314. | 10.9 | 60 |
| 6 | Bona fide colour: DNA prediction of human eye and hair colour from ancient and contemporary skeletal remains. <i>Investigative Genetics</i> , 2013, 4, 3. | 3.3 | 58 |
| 7 | Gene-gene interactions contribute to eye colour variation in humans. <i>Journal of Human Genetics</i> , 2011, 56, 447-455. | 2.3 | 57 |
| 8 | 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. | 3.1 | 53 |
| 9 | Evaluation of DNA Variants Associated with Androgenetic Alopecia and Their Potential to Predict Male Pattern Baldness. <i>PLoS ONE</i> , 2015, 10, e0127852. | 2.5 | 51 |
| 10 | 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. | 2.9 | 51 |
| 11 | Effects of host genetic variations on response to, susceptibility and severity of respiratory infections. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110296. | 5.6 | 50 |
| 12 | 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. | 3.1 | 49 |
| 13 | 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. | 3.1 | 45 |
| 14 | 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. | 2.1 | 44 |
| 15 | 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. | 2.6 | 43 |
| 16 | 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. | 3.1 | 43 |
| 17 | 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. | 3.1 | 38 |
| 18 | Prediction of eye color in the Slovenian population using the IrisPlex SNPs. <i>Croatian Medical Journal</i> , 2013, 54, 381-386. | 0.7 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evaluation of the predictive capacity of DNA variants associated with straight hair in Europeans. <i>Forensic Science International: Genetics</i> , 2015, 19, 280-288. | 3.1 | 36 |
| 20 | Prediction of Eye Color from Genetic Data Using Bayesian Approach*. <i>Journal of Forensic Sciences</i> , 2012, 57, 880-886. | 1.6 | 30 |
| 21 | DNA-based predictive models for the presence of freckles. <i>Forensic Science International: Genetics</i> , 2019, 42, 252-259. | 3.1 | 27 |
| 22 | Investigating the impact of age-depended 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. | 3.1 | 25 |
| 23 | Modified aging of elite athletes revealed by analysis of epigenetic age markers. <i>Aging</i> , 2018, 10, 241-252. | 3.1 | 25 |
| 24 | 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, 388-396. | 1.2 | 24 |
| 25 | Epigenetic age prediction in semen – marker selection and model development. <i>Aging</i> , 2021, 13, 19145-19164. | 3.1 | 23 |
| 26 | GWAS links variants in neuronal development and actin remodeling related loci with pseudoexfoliation syndrome without glaucoma. <i>Experimental Eye Research</i> , 2018, 168, 138-148. | 2.6 | 22 |
| 27 | MCPIP1 inhibits Wnt/ β -catenin signaling pathway activity and modulates epithelial-mesenchymal transition during clear cell renal cell carcinoma progression by targeting miRNAs. <i>Oncogene</i> , 2021, 40, 6720-6735. | 5.9 | 21 |
| 28 | 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. | 2.2 | 20 |
| 29 | 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. | 2.8 | 20 |
| 30 | 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. | 3.1 | 19 |
| 31 | A collaborative exercise on DNA methylation-based age prediction and body fluid typing. <i>Forensic Science International: Genetics</i> , 2022, 57, 102656. | 3.1 | 15 |
| 32 | Potential association of single nucleotide polymorphisms in pigmentation genes with the development of basal cell carcinoma. <i>Journal of Dermatology</i> , 2012, 39, 693-698. | 1.2 | 12 |
| 33 | Deletion of <i>Mcpip1</i> in <i>Mcpip1^{fl/fl}AlbCre</i> mice recapitulates the phenotype of human primary biliary cholangitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166086. | 3.8 | 12 |
| 34 | Variants of <i>SCARB1</i> and <i>VDR</i> 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, 1-11. | 1.9 | 11 |
| 35 | Variation in the <i>RPTN</i> gene may facilitate straight hair formation in Europeans and East Asians. <i>Journal of Dermatological Science</i> , 2018, 91, 331-334. | 1.9 | 11 |
| 36 | RNAse MCPIP1 regulates hepatic peroxisome proliferator-activated receptor gamma via TXNIP/PGC-1alpha pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1458-1471. | 2.4 | 11 |

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|----|--|-----|-----------|
| 37 | 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. | 2.2 | 9 |
| 38 | Predicting Physical Appearance from DNA Data – Towards Genomic Solutions. <i>Genes</i> , 2022, 13, 121. | 2.4 | 8 |
| 39 | miR-378 affects metabolic disturbances in the mdx model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2022, 12, 3945. | 3.3 | 7 |
| 40 | Non-CYP2D6 Variants Selected by a GWAS Improve the Prediction of Impaired Tamoxifen Metabolism in Patients with Breast Cancer. <i>Journal of Clinical Medicine</i> , 2019, 8, 1087. | 2.4 | 6 |
| 41 | Role of Heme-Oxygenase-1 in Biology of Cardiomyocytes Derived from Human Induced Pluripotent Stem Cells. <i>Cells</i> , 2021, 10, 522. | 4.1 | 5 |
| 42 | Searching for improvements in predicting human eye colour from DNA. <i>International Journal of Legal Medicine</i> , 2021, 135, 2175-2187. | 2.2 | 5 |
| 43 | 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. | 3.1 | 5 |
| 44 | A new dimension of the forensic DNA expertise – the need for training experts and expertise recipients. <i>Archiwum Medycyny Sadowej I Kryminologii</i> , 2014, 3, 175-194. | 0.3 | 4 |
| 45 | Hot on the Trail of Genes that Shape Our Fingerprints. <i>Journal of Investigative Dermatology</i> , 2016, 136, 740-742. | 0.7 | 4 |
| 46 | 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. | 3.1 | 3 |