

Manfred Kayser

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.

246
papers

20,059
citations

75
h-index

137
g-index

270
ext. papers

23,175
ext. citations

6
avg, IF

6.73
L-index

#	Paper	IF	Citations
246	Integrating the human microbiome in the forensic toolkit: Current bottlenecks and future solutions. <i>Forensic Science International: Genetics</i> , 2022 , 56, 102627	4.3	1
245	Impact of SNP microarray analysis of compromised DNA on kinship classification success in the context of investigative genetic genealogy. <i>Forensic Science International: Genetics</i> , 2022 , 56, 102625	4.3	6
244	Improving the differentiation of closely related males by RMplex analysis of 30 Y-STRs with high mutation rates.. <i>Forensic Science International: Genetics</i> , 2022 , 58, 102682	4.3	1
243	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021 , 13, 198	7.7	0
242	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021 , 7,	14.3	11
241	Male-specific age estimation based on Y-chromosomal DNA methylation. <i>Aging</i> , 2021 , 13, 6442-6458	5.6	1
240	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
239	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. <i>Nature Communications</i> , 2021 , 12, 2830	17.4	9
238	Estimating the Time Since Deposition of Saliva Stains With a Targeted Bacterial DNA Approach: A Proof-of-Principle Study. <i>Frontiers in Microbiology</i> , 2021 , 12, 647933	5.7	3
237	Evaluation of supervised machine-learning methods for predicting appearance traits from DNA. <i>Forensic Science International: Genetics</i> , 2021 , 53, 102507	4.3	3
236	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
235	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
234	Genetics of facial telangiectasia in the Rotterdam Study: a genome-wide association study and candidate gene approach. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021 , 35, 749-754	4.6	0
233	Equivalent DNA methylation variation between monozygotic co-twins and unrelated individuals reveals universal epigenetic inter-individual dissimilarity. <i>Genome Biology</i> , 2021 , 22, 18	18.3	5
232	A GWAS in Latin Americans identifies novel face shape loci, implicating VPS13B and a Denisovan introgressed region in facial variation. <i>Science Advances</i> , 2021 , 7,	14.3	7
231	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. <i>Genes</i> , 2021 , 12,	4.2	2
230	Epigenetic age prediction in semen - marker selection and model development. <i>Aging</i> , 2021 , 13, 19145-19164	5.6	1

229	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
228	Revisiting genetic artifacts on DNA methylation microarrays exposes novel biological implications. <i>Genome Biology</i> , 2021 , 22, 274	18.3	0
227	The effects of and on facial and other physical morphology in mice.. <i>FASEB BioAdvances</i> , 2021 , 3, 1011-1019	0.19	0
226	GenNet framework: interpretable deep learning for predicting phenotypes from genetic data. <i>Communications Biology</i> , 2021 , 4, 1094	6.7	1
225	Investigative DNA analysis of two-person mixed crime scene trace in a murder case. <i>Forensic Science International: Genetics</i> , 2021 , 54, 102557	4.3	3
224	RMplex: An efficient method for analyzing 30 Y-STRs with high mutation rates. <i>Forensic Science International: Genetics</i> , 2021 , 55, 102595	4.3	3
223	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
222	Explaining sudden infant death with cardiac arrhythmias: Complete exon sequencing of nine cardiac arrhythmia genes in Dutch SIDS cases highlights new and known DNA variants. <i>Forensic Science International: Genetics</i> , 2020 , 46, 102266	4.3	4
221	Microbiome-based body site of origin classification of forensically relevant blood traces. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102280	4.3	7
220	Evaluation of the VISAGE Basic Tool for Appearance and Ancestry Prediction Using PowerSeq Chemistry on the MiSeq FGx System. <i>Genes</i> , 2020 , 11,	4.2	15
219	Identification and characterization of novel rapidly mutating Y-chromosomal short tandem repeat markers. <i>Human Mutation</i> , 2020 , 41, 1680-1696	4.7	16
218	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
217	Principal component analysis of seven skin-ageing features identifies three main types of skin ageing. <i>British Journal of Dermatology</i> , 2020 , 182, 1379-1387	4	5
216	Epidemiology and determinants of facial telangiectasia: a cross-sectional study. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020 , 34, 821-826	4.6	5
215	The Dutch Y-chromosomal landscape. <i>European Journal of Human Genetics</i> , 2020 , 28, 287-299	5.3	6
214	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019 , 34, 1055-1074	12.1	10
213	Update on the predictability of tall stature from DNA markers in Europeans. <i>Forensic Science International: Genetics</i> , 2019 , 42, 8-13	4.3	10
212	Ancient genomes indicate population replacement in Early Neolithic Britain. <i>Nature Ecology and Evolution</i> , 2019 , 3, 765-771	12.3	82

211	Forensic Y-SNP analysis beyond SNaPshot: High-resolution Y-chromosomal haplogrouping from low quality and quantity DNA using Ion AmpliSeq and targeted massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2019 , 41, 93-106	4.3	14
210	Genome-Wide Association Studies Identify Multiple Genetic Loci Influencing Eyebrow Color Variation in Europeans. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1601-1605	4.3	10
209	Novel taxonomy-independent deep learning microbiome approach allows for accurate classification of different forensically relevant human epithelial materials. <i>Forensic Science International: Genetics</i> , 2019 , 41, 72-82	4.3	19
208	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
207	The Use of Forensic DNA Phenotyping in Predicting Appearance and Biogeographic Ancestry. <i>Deutsches Archiv für Rechtsmedizin International</i> , 2019 , 51-52, 873-880	2.5	23
206	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019 , 8,	8.9	22
205	Three-dimensional soft tissue effects of mandibular midline distraction and surgically assisted rapid maxillary expansion: an automatic stereophotogrammetry landmarking analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019 , 48, 629-634	2.9	2
204	Yleaf: Software for Human Y-Chromosomal Haplogroup Inference from Next-Generation Sequencing Data. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1291-1294	8.3	28
203	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018 , 50, 652-656	26.3	59
202	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
201	Ensemble landmarking of 3D facial surface scans. <i>Scientific Reports</i> , 2018 , 8, 12	4.9	42
200	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
199	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
198	Facial Wrinkles in Europeans: A Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1877-1880	4.3	4
197	Introducing novel type of human DNA markers for forensic tissue identification: DNA copy number variation allows the detection of blood and semen. <i>Forensic Science International: Genetics</i> , 2018 , 36, 112-118	4.3	7
196	Investigating the Epigenetic Discrimination of Identical Twins Using Buccal Swabs, Saliva, and Cigarette Butts in the Forensic Setting. <i>Genes</i> , 2018 , 9,	4.2	11
195	Mutation analysis at 17 Y-STR loci (Yfiler) in father-son pairs of male pedigrees from Pakistan. <i>Forensic Science International: Genetics</i> , 2018 , 36, e17-e18	4.3	13
194	Genome-wide association study in 176,678 Europeans reveals genetic loci for tanning response to sun exposure. <i>Nature Communications</i> , 2018 , 9, 1684	17.4	51

193	Recent progress, methods and perspectives in forensic epigenetics. <i>Forensic Science International: Genetics</i> , 2018 , 37, 180-195	4.3	62
192	Small number of slowly-mutating (SM) Y-STRs not suitable for forensic and evolutionary applications. <i>Forensic Science International: Genetics</i> , 2018 , 36, e13	4.3	1
191	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
190	Predictive values in Forensic DNA Phenotyping are not necessarily prevalence-dependent. <i>Forensic Science International: Genetics</i> , 2018 , 33, e7-e8	4.3	6
189	Investigation of metabolites for estimating blood deposition time. <i>International Journal of Legal Medicine</i> , 2018 , 132, 25-32	3.1	6
188	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. <i>Nature Communications</i> , 2018 , 9, 4774	17.4	47
187	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
186	Likelihood ratio and posterior odds in forensic genetics: Two sides of the same coin. <i>Forensic Science International: Genetics</i> , 2017 , 28, 203-210	4.3	9
185	Novel quantitative pigmentation phenotyping enhances genetic association, epistasis, and prediction of human eye colour. <i>Scientific Reports</i> , 2017 , 7, 43359	4.9	18
184	Mitochondrial DNA diversity of present-day Aboriginal Australians and implications for human evolution in Oceania. <i>Journal of Human Genetics</i> , 2017 , 62, 343-353	4.3	14
183	Global skin colour prediction from DNA. <i>Human Genetics</i> , 2017 , 136, 847-863	6.3	63
182	Lifestyle and Physiological Factors Associated with Facial Wrinkling in Men and Women. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1692-1699	4.3	18
181	Forensic use of Y-chromosome DNA: a general overview. <i>Human Genetics</i> , 2017 , 136, 621-635	6.3	161
180	Aboriginal Australian mitochondrial genome variation - an increased understanding of population antiquity and diversity. <i>Scientific Reports</i> , 2017 , 7, 43041	4.9	26
179	Genetic Ancestry of Rapanui before and after European Contact. <i>Current Biology</i> , 2017 , 27, 3209-3215.e6	6.3	17
178	From forensic epigenetics to forensic epigenomics: broadening DNA investigative intelligence. <i>Genome Biology</i> , 2017 , 18, 238	18.3	39
177	Epigenetic discrimination of identical twins from blood under the forensic scenario. <i>Forensic Science International: Genetics</i> , 2017 , 31, 67-80	4.3	21
176	Genome-wide compound heterozygote analysis highlights alleles associated with adult height in Europeans. <i>Human Genetics</i> , 2017 , 136, 1407-1417	6.3	12

175	Predicting hair cortisol levels with hair pigmentation genes: a possible hair pigmentation bias. <i>Scientific Reports</i> , 2017 , 7, 8529	4.9	11
174	No Causal Association between 25-Hydroxyvitamin D and Features of Skin Aging: Evidence from a Bidirectional Mendelian Randomization Study. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 2291-2297	4.3	4
173	Lack of gene-language correlation due to reciprocal female but directional male admixture in Austronesians and non-Austronesians of East Timor. <i>European Journal of Human Genetics</i> , 2017 , 25, 246-252	5.3	7
172	Bringing colour back after 70 years: Predicting eye and hair colour from skeletal remains of World War II victims using the HirisPlex system. <i>Forensic Science International: Genetics</i> , 2017 , 26, 48-57	4.3	29
171	Pigmentation-Independent Susceptibility Loci for Actinic Keratosis Highlighted by Compound Heterozygosity Analysis. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 77-84	4.3	6
170	Differences in urbanization degree and consequences on the diversity of conventional vs. rapidly mutating Y-STRs in five municipalities from a small region of the Tyrolean Alps in Austria. <i>Forensic Science International: Genetics</i> , 2016 , 24, 180-193	4.3	7
169	Predicting Human Appearance from DNA for Forensic Investigations. <i>Security Science and Technology</i> , 2016 , 415-448		3
168	A Practical Guide to the HirisPlex System: Simultaneous Prediction of Eye and Hair Color from DNA. <i>Methods in Molecular Biology</i> , 2016 , 1420, 213-31	1.4	9
167	CollapsABEL: an R library for detecting compound heterozygote alleles in genome-wide association studies. <i>BMC Bioinformatics</i> , 2016 , 17, 156	3.6	9
166	High-quality mtDNA control region sequences from 680 individuals sampled across the Netherlands to establish a national forensic mtDNA reference database. <i>Forensic Science International: Genetics</i> , 2016 , 21, 158-67	4.3	15
165	Evaluation of mRNA markers for estimating blood deposition time: Towards alibi testing from human forensic stains with rhythmic biomarkers. <i>Forensic Science International: Genetics</i> , 2016 , 21, 119-23	4.3	24
164	An Automatic 3D Facial Landmarking Algorithm Using 2D Gabor Wavelets. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 580-8	8.7	12
163	Dissecting Daily and Circadian Expression Rhythms of Clock-Controlled Genes in Human Blood. <i>Journal of Biological Rhythms</i> , 2016 , 31, 68-81	3.2	19
162	Prediction of male-pattern baldness from genotypes. <i>European Journal of Human Genetics</i> , 2016 , 24, 895-902	5.3	26
161	Antiquity and diversity of aboriginal Australian Y-chromosomes. <i>American Journal of Physical Anthropology</i> , 2016 , 159, 367-81	2.5	19
160	Improving empirical evidence on differentiating closely related men with RM Y-STRs: A comprehensive pedigree study from Pakistan. <i>Forensic Science International: Genetics</i> , 2016 , 25, 45-51	4.3	45
159	Human age estimation from blood using mRNA, DNA methylation, DNA rearrangement, and telomere length. <i>Forensic Science International: Genetics</i> , 2016 , 24, 33-43	4.3	65
158	The MC1R Gene and Youthful Looks. <i>Current Biology</i> , 2016 , 26, 1213-20	6.3	42

157	IRF4, MC1R and TYR genes are risk factors for actinic keratosis independent of skin color. <i>Human Molecular Genetics</i> , 2015 , 24, 3296-303	5.6	27
156	A Genome-Wide Association Study Identifies the Skin Color Genes IRF4, MC1R, ASIP, and BNC2 Influencing Facial Pigmented Spots. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1735-1742	4.3	80
155	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
154	Human Population Movements: A Genetic Perspective 2015 , 219-233		
153	Towards simultaneous individual and tissue identification: A proof-of-principle study on parallel sequencing of STRs, amelogenin, and mRNAs with the Ion Torrent PGM. <i>Forensic Science International: Genetics</i> , 2015 , 17, 122-128	4.3	27
152	Allele-specific transcriptional regulation of IRF4 in melanocytes is mediated by chromatin looping of the intronic rs12203592 enhancer to the IRF4 promoter. <i>Human Molecular Genetics</i> , 2015 , 24, 2649-61	5.6	33
151	A novel multiplex assay for simultaneously analysing 13 rapidly mutating Y-STRs. <i>Forensic Science International: Genetics</i> , 2015 , 17, 91-98	4.3	47
150	Towards a consensus Y-chromosomal phylogeny and Y-SNP set in forensics in the next-generation sequencing era. <i>Forensic Science International: Genetics</i> , 2015 , 15, 39-42	4.3	22
149	Simultaneous analysis of hundreds of Y-chromosomal SNPs for high-resolution paternal lineage classification using targeted semiconductor sequencing. <i>Human Mutation</i> , 2015 , 36, 151-9	4.7	30
148	Development of an Italian RM Y-STR haplotype database: Results of the 2013 GEFI collaborative exercise. <i>Forensic Science International: Genetics</i> , 2015 , 15, 56-63	4.3	28
147	Simultaneous Whole Mitochondrial Genome Sequencing with Short Overlapping Amplicons Suitable for Degraded DNA Using the Ion Torrent Personal Genome Machine. <i>Human Mutation</i> , 2015 , 36, 1236-47	4.7	44
146	Prediction of Human Pigmentation Traits from DNA Polymorphisms 2015 , 1-10		
145	Validation of image analysis techniques to measure skin aging features from facial photographs. <i>Skin Research and Technology</i> , 2015 , 21, 392-402	1.9	19
144	Genetics of skin color variation in Europeans: genome-wide association studies with functional follow-up. <i>Human Genetics</i> , 2015 , 134, 823-35	6.3	97
143	BMD Loci Contribute to Ethnic and Developmental Differences in Skeletal Fragility across Populations: Assessment of Evolutionary Selection Pressures. <i>Molecular Biology and Evolution</i> , 2015 , 32, 2961-72	8.3	22
142	Analysis of 36 Y-STR marker units including a concordance study among 2085 Dutch males. <i>Forensic Science International: Genetics</i> , 2015 , 14, 174-81	4.3	25
141	Forensic DNA Phenotyping: Predicting human appearance from crime scene material for investigative purposes. <i>Forensic Science International: Genetics</i> , 2015 , 18, 33-48	4.3	203
140	Comparing six commercial autosomal STR kits in a large Dutch population sample. <i>Forensic Science International: Genetics</i> , 2014 , 10, 55-63	4.3	79

139	Maternal history of Oceania from complete mtDNA genomes: contrasting ancient diversity with recent homogenization due to the Austronesian expansion. <i>American Journal of Human Genetics</i> , 2014 , 94, 721-33	11	51
138	Direct evidence for positive selection of skin, hair, and eye pigmentation in Europeans during the last 5,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4832-7	11.5	160
137	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
136	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
135	Seeing the wood for the trees: a minimal reference phylogeny for the human Y chromosome. <i>Human Mutation</i> , 2014 , 35, 187-91	4.7	121
134	Common DNA variants predict tall stature in Europeans. <i>Human Genetics</i> , 2014 , 133, 587-97	6.3	38
133	Human genetics of the Kula Ring: Y-chromosome and mitochondrial DNA variation in the Massim of Papua New Guinea. <i>European Journal of Human Genetics</i> , 2014 , 22, 1393-403	5.3	9
132	Assessing the suitability of miRNA-142-5p and miRNA-541 for bloodstain deposition timing. <i>Forensic Science International: Genetics</i> , 2014 , 12, 181-4	4.3	12
131	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
130	Effect of sleep deprivation on the human metabolome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10761-6	11.5	284
129	The one-carbon-cycle and methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism in recurrent major depressive disorder; influence of antidepressant use and depressive state?. <i>Journal of Affective Disorders</i> , 2014 , 166, 115-23	6.6	15
128	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
127	Developmental validation of mitochondrial DNA genotyping assays for adept matrilineal inference of biogeographic ancestry at a continental level. <i>Forensic Science International: Genetics</i> , 2014 , 11, 39-51	4.3	22
126	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4.7	130
125	Increasing phylogenetic resolution still informative for Y chromosomal studies on West-European populations. <i>Forensic Science International: Genetics</i> , 2014 , 9, 179-85	4.3	24
124	GAGA: a new algorithm for genomic inference of geographic ancestry reveals fine level population substructure in Europeans. <i>PLoS Computational Biology</i> , 2014 , 10, e1003480	5	7
123	Genetic variation in regulatory DNA elements: the case of OCA2 transcriptional regulation. <i>Pigment Cell and Melanoma Research</i> , 2014 , 27, 169-77	4.5	21
122	Identification of the remains of King Richard III. <i>Nature Communications</i> , 2014 , 5, 5631	17.4	118

121	Human skin color is influenced by an intergenic DNA polymorphism regulating transcription of the nearby BNC2 pigmentation gene. <i>Human Molecular Genetics</i> , 2014 , 23, 5750-62	5.6	41
120	Intrinsic and extrinsic risk factors for sagging eyelids. <i>JAMA Dermatology</i> , 2014 , 150, 836-43	5.1	38
119	Of sex and IrisPlex eye colour prediction: a reply to Martinez-Cadenas et al. <i>Forensic Science International: Genetics</i> , 2014 , 9, e5-6	4.3	8
118	PHOX2B polyalanine repeat length is associated with sudden infant death syndrome and unclassified sudden infant death in the Dutch population. <i>International Journal of Legal Medicine</i> , 2014 , 128, 621-9	3.1	17
117	Y Chromosome in Forensic Science 2014 , 105-134		1
116	Clinal distribution of human genomic diversity across the Netherlands despite archaeological evidence for genetic discontinuities in Dutch population history. <i>Investigative Genetics</i> , 2013 , 4, 9		15
115	Forensic DNA Phenotyping: DNA Testing for Externally Visible Characteristics 2013 , 369-374		2
114	Multiplex genotyping assays for fine-resolution subtyping of the major human Y-chromosome haplogroups E, G, I, J, and R in anthropological, genealogical, and forensic investigations. <i>Electrophoresis</i> , 2013 , 34, 3029-38	3.6	19
113	First all-in-one diagnostic tool for DNA intelligence: genome-wide inference of biogeographic ancestry, appearance, relatedness, and sex with the Identitas v1 Forensic Chip. <i>International Journal of Legal Medicine</i> , 2013 , 127, 559-72	3.1	38
112	A tribute to DNA fingerprinting. <i>Investigative Genetics</i> , 2013 , 4, 19		
111	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
110	Genome-wide data substantiate Holocene gene flow from India to Australia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1803-8	11.5	78
109	Comprehensive candidate gene study highlights UGT1A and BNC2 as new genes determining continuous skin color variation in Europeans. <i>Human Genetics</i> , 2013 , 132, 147-58	6.3	70
108	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
107	Colorful DNA polymorphisms in humans. <i>Seminars in Cell and Developmental Biology</i> , 2013 , 24, 562-75	7.5	47
106	Editors' Pick: mad and genius in the same gene?. <i>Investigative Genetics</i> , 2013 , 4, 14		
105	Effect of sleep deprivation on rhythms of clock gene expression and melatonin in humans. <i>Chronobiology International</i> , 2013 , 30, 901-9	3.6	60
104	Editors' pick: of horses and genes'. <i>Investigative Genetics</i> , 2012 , 3, 4		

103	A new future of forensic Y-chromosome analysis: rapidly mutating Y-STRs for differentiating male relatives and paternal lineages. <i>Forensic Science International: Genetics</i> , 2012 , 6, 208-18	4.3	170
102	Reply to Bracketing off population does not advance ethical reflection on EVCs: A reply to Kayser and Schneider By A. M̄harek, V. Toom, and B. Prainsack. <i>Forensic Science International: Genetics</i> , 2012 , 6, e18-e19	4.3	8
101	DNA-based eye colour prediction across Europe with the IrisPlex system. <i>Forensic Science International: Genetics</i> , 2012 , 6, 330-40	4.3	82
100	MtDNA SNP multiplexes for efficient inference of matrilineal genetic ancestry within Oceania. <i>Forensic Science International: Genetics</i> , 2012 , 6, 425-36	4.3	23
99	A multiplex (m)RNA-profiling system for the forensic identification of body fluids and contact traces. <i>Forensic Science International: Genetics</i> , 2012 , 6, 565-77	4.3	146
98	Editors' Pick: A real Caucasian and the genetic investigation of Caucasus peoples. <i>Investigative Genetics</i> , 2012 , 3, 15		
97	Editors' pick: Christmas is coming - time for chocolate to get ready for your Nobel Prize. <i>Investigative Genetics</i> , 2012 , 3, 26		2
96	A multiplex SNP assay for the dissection of human Y-chromosome haplogroup O representing the major paternal lineage in East and Southeast Asia. <i>Journal of Human Genetics</i> , 2012 , 57, 65-9	4.3	20
95	Bridging near and remote Oceania: mtDNA and NRY variation in the Solomon Islands. <i>Molecular Biology and Evolution</i> , 2012 , 29, 545-64	8.3	46
94	A genome-wide association study identifies five loci influencing facial morphology in Europeans. <i>PLoS Genetics</i> , 2012 , 8, e1002932	6	194
93	HERC2 rs12913832 modulates human pigmentation by attenuating chromatin-loop formation between a long-range enhancer and the OCA2 promoter. <i>Genome Research</i> , 2012 , 22, 446-55	9.7	186
92	Diurnal rhythms in blood cell populations and the effect of acute sleep deprivation in healthy young men. <i>Sleep</i> , 2012 , 35, 933-40	1.1	70
91	Additional Y-STRs in Forensics: Why, Which, and When. <i>Forensic Science Review</i> , 2012 , 24, 63-78	1.5	19
90	Dating the age of admixture via wavelet transform analysis of genome-wide data. <i>Genome Biology</i> , 2011 , 12, R19	18.3	61
89	Genetic determination of human facial morphology: links between cleft-lips and normal variation. <i>European Journal of Human Genetics</i> , 2011 , 19, 1192-7	5.3	67
88	IrisPlex: a sensitive DNA tool for accurate prediction of blue and brown eye colour in the absence of ancestry information. <i>Forensic Science International: Genetics</i> , 2011 , 5, 170-80	4.3	221
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