

Peter Gill

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11128540/publications.pdf>

Version: 2024-02-01

60
papers

6,078
citations

126907

33
h-index

138484

58
g-index

62
all docs

62
docs citations

62
times ranked

2652
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Forensic application of DNA "fingerprints"™. Nature, 1985, 318, 577-579. | 27.8 | 1,010 |
| 2 | Identification of the remains of the Romanov family by DNA analysis. Nature Genetics, 1994, 6, 130-135. | 21.4 | 601 |
| 3 | An investigation of the rigor of interpretation rules for STRs derived from less than 100 pg of DNA. Forensic Science International, 2000, 112, 17-40. | 2.2 | 510 |
| 4 | Encoded evidence: DNA in forensic analysis. Nature Reviews Genetics, 2004, 5, 739-751. | 16.8 | 457 |
| 5 | A high observed substitution rate in the human mitochondrial DNA control region. Nature Genetics, 1997, 15, 363-368. | 21.4 | 409 |
| 6 | Forensic application of a rapid and quantitative DNA sex test by amplification of the X-Y homologous gene amelogenin. International Journal of Legal Medicine, 1994, 106, 190-193. | 2.2 | 204 |
| 7 | An assessment of the utility of single nucleotide polymorphisms (SNPs) for forensic purposes. International Journal of Legal Medicine, 2001, 114, 204-210. | 2.2 | 199 |
| 8 | EuroForMix: An open source software based on a continuous model to evaluate STR DNA profiles from a mixture of contributors with artefacts. Forensic Science International: Genetics, 2016, 21, 35-44. | 3.1 | 190 |
| 9 | Massively parallel sequencing of forensic STRs: Considerations of the DNA commission of the International Society for Forensic Genetics (ISFG) on minimal nomenclature requirements. Forensic Science International: Genetics, 2016, 22, 54-63. | 3.1 | 190 |
| 10 | Evaluation of an automated DNA profiling system employing multiplex amplification of four tetrameric STR loci. International Journal of Legal Medicine, 1994, 106, 302-311. | 2.2 | 167 |
| 11 | Mystery Solved: The Identification of the Two Missing Romanov Children Using DNA Analysis. PLoS ONE, 2009, 4, e4838. | 2.5 | 135 |
| 12 | Recommendations of the DNA Commission of the International Society for Forensic Genetics (ISFG) on quality control of autosomal Short Tandem Repeat allele frequency databasing (STRidER). Forensic Science International: Genetics, 2016, 24, 97-102. | 3.1 | 130 |
| 13 | Genotyping and interpretation of STR-DNA: Low-template, mixtures and database matches"Twenty years of research and development. Forensic Science International: Genetics, 2015, 18, 100-117. | 3.1 | 116 |
| 14 | Role of Short Tandem Repeat DNA in Forensic Casework in the UK"Past, Present, and Future Perspectives. BioTechniques, 2002, 32, 366-385. | 1.8 | 112 |
| 15 | Validation of highly discriminating multiplex short tandem repeat amplification systems for individual identification. Electrophoresis, 1996, 17, 1283-1293. | 2.4 | 109 |
| 16 | An assessment of whether SNPs will replace STRs in national DNA databases-joint considerations of the DNA working group of the European Network of Forensic Science Institutes (ENFSI) and the Scientific Working Group on DNA Analysis Methods (SWGDM). Science and Justice - Journal of the Forensic Science Society, 2004, 44, 51-53. | 2.1 | 95 |
| 17 | An evaluation of DNA fingerprinting for forensic purposes. Electrophoresis, 1987, 8, 38-44. | 2.4 | 90 |
| 18 | DNA commission of the International society for forensic genetics: Assessing the value of forensic biological evidence - Guidelines highlighting the importance of propositions. Forensic Science International: Genetics, 2018, 36, 189-202. | 3.1 | 83 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The implications of shedder status and background DNA on direct and secondary transfer in an attack scenario. <i>Forensic Science International: Genetics</i> , 2017, 29, 48-60. | 3.1 | 80 |
| 20 | Secondary and subsequent DNA transfer during criminal investigation. <i>Forensic Science International: Genetics</i> , 2015, 17, 155-162. | 3.1 | 75 |
| 21 | A comparative study of qualitative and quantitative models used to interpret complex STR DNA profiles. <i>Forensic Science International: Genetics</i> , 2016, 25, 85-96. | 3.1 | 73 |
| 22 | Individual specific DNA fingerprints from a hypervariable region probe: alpha-globin 3'HVR. <i>Human Genetics</i> , 1988, 79, 142-146. | 3.8 | 71 |
| 23 | The analysis of hypervariable DNA profiles: problems associated with the objective determination of the probability of a match. <i>Human Genetics</i> , 1990, 85, 75-9. | 3.8 | 71 |
| 24 | Automated amplification and sequencing of human mitochondrial DNA. <i>Electrophoresis</i> , 1991, 12, 17-21. | 2.4 | 63 |
| 25 | Automated short tandem repeat (STR) analysis in forensic casework – a strategy for the future. <i>Electrophoresis</i> , 1995, 16, 1543-1552. | 2.4 | 61 |
| 26 | Body fluid prediction from microbial patterns for forensic application. <i>Forensic Science International: Genetics</i> , 2017, 30, 10-17. | 3.1 | 61 |
| 27 | An evaluation of potential allelic association between the STRs vWA and D12S391: Implications in criminal casework and applications to short pedigrees. <i>Forensic Science International: Genetics</i> , 2012, 6, 477-486. | 3.1 | 59 |
| 28 | DNA commission of the International society for forensic genetics: Assessing the value of forensic biological evidence - Guidelines highlighting the importance of propositions. Part II: Evaluation of biological traces considering activity level propositions. <i>Forensic Science International: Genetics</i> , 2020, 44, 102186. | 3.1 | 59 |
| 29 | Exclusion of a man charged with murder by DNA fingerprinting. <i>Forensic Science International</i> , 1987, 35, 145-148. | 2.2 | 53 |
| 30 | Analysis and implications of the miscarriages of justice of Amanda Knox and Raffaele Sollecito. <i>Forensic Science International: Genetics</i> , 2016, 23, 9-18. | 3.1 | 46 |
| 31 | Population genetics of short tandem repeat (STR) loci. <i>Genetica</i> , 1995, 96, 69-87. | 1.1 | 44 |
| 32 | Establishing the identity of Anna Anderson Manahan. <i>Nature Genetics</i> , 1995, 9, 9-10. | 21.4 | 38 |
| 33 | Contamination during criminal investigation: Detecting police contamination and secondary DNA transfer from evidence bags. <i>Forensic Science International: Genetics</i> , 2016, 23, 121-129. | 3.1 | 37 |
| 34 | Open source software EuroForMix can be used to analyse complex SNP mixtures. <i>Forensic Science International: Genetics</i> , 2017, 31, 105-110. | 3.1 | 37 |
| 35 | A new method for sex determination of the donor of forensic samples using a recombinant DNA probe. <i>Electrophoresis</i> , 1987, 8, 35-38. | 2.4 | 33 |
| 36 | Exact computation of the distribution of likelihood ratios with forensic applications. <i>Forensic Science International: Genetics</i> , 2014, 9, 93-101. | 3.1 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Re: Riman et al. Examining performance and likelihood ratios for two likelihood ratio systems using the PROVEDIt dataset. Forensic Science International: Genetics, 2022, 59, 102709. | 3.1 | 7 |
| 56 | Source level interpretation of mixed biological stains using coding region SNPs. Forensic Science International: Genetics, 2022, 59, 102685. | 3.1 | 5 |
| 57 | Non-self DNA on the neck: a 24 hours time-course study. Forensic Science International: Genetics, 2022, 57, 102661. | 3.1 | 4 |
| 58 | Overcoming the undetected inhibition of bone DNA extracts obtained by total demineralization. Forensic Science International: Genetics, 2020, 48, 102363. | 3.1 | 2 |
| 59 | Low-template DNA. , 2020, , 111-128. | | 0 |
| 60 | Estimating wildlife vaccination coverage using genetic methods. Preventive Veterinary Medicine, 2020, 183, 105096. | 1.9 | 0 |