

# Denice Higgins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1331496/publications.pdf>

Version: 2024-02-01

32  
papers

450  
citations

1039880

9  
h-index

752573

20  
g-index

34  
all docs

34  
docs citations

34  
times ranked

501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Teeth as a source of DNA for forensic identification of human remains: A Review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2013, 53, 433-441.	1.3	129
2	Differential Nuclear and Mitochondrial DNA Preservation in Post-Mortem Teeth with Implications for Forensic and Ancient DNA Studies. <i>PLoS ONE</i> , 2015, 10, e0126935.	1.1	65
3	Forensic touch DNA recovery from metal surfaces – A review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 206-215.	1.3	46
4	Radiographic Recognition of Dental Implants as an Aid to Identifying the Deceased. <i>Journal of Forensic Sciences</i> , 2010, 55, 66-70.	0.9	35
5	Targeted sampling of cementum for recovery of nuclear DNA from human teeth and the impact of common decontamination measures. <i>Investigative Genetics</i> , 2013, 4, 18.	3.3	31
6	Dentine and cementum as sources of nuclear DNA for use in human identification. <i>Australian Journal of Forensic Sciences</i> , 2011, 43, 287-295.	0.7	22
7	Singleplex quantitative real-time PCR for the assessment of human mitochondrial DNA quantity and quality. <i>Forensic Science, Medicine, and Pathology</i> , 2018, 14, 70-75.	0.6	14
8	Hybridization Enrichment to Improve Forensic Mitochondrial DNA Analysis of Highly Degraded Human Remains. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	11
9	A comparison of crystal structure in fresh, burned and archaic bone – Implications for forensic sampling. <i>Forensic Science International</i> , 2020, 313, 110328.	1.3	10
10	Evaluation of the efficiency of Isohelix <sup>®</sup> and Rayon swabs for recovery of DNA from metal surfaces. <i>Forensic Science, Medicine, and Pathology</i> , 2021, 17, 199-207.	0.6	8
11	Comparison of Isohelix <sup>®</sup> and Rayon swabbing systems for touch DNA recovery from metal surfaces. <i>Forensic Science, Medicine, and Pathology</i> , 2021, 17, 577-584.	0.6	8
12	Is human identification by dental comparison a scientifically valid process?. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 403-405.	1.3	7
13	Stabilisation of dental structures of severely incinerated victims at disaster scenes to facilitate human identification. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2017, 51, 45-49.	0.5	6
14	Validity of forensic odontology identification by comparison of conventional dental radiographs: A scoping review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 93-101.	1.3	6
15	Comparison of bone demineralisation procedures for DNA recovery from burned remains. <i>Forensic Science International: Genetics</i> , 2021, 51, 102448.	1.6	6
16	Ethics reporting in forensic science research publications – A review. <i>Forensic Science International</i> , 2022, 335, 111290.	1.3	6
17	Evaluation of carrier RNA and low volume demineralization for recovery of nuclear DNA from human teeth. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 56-61.	0.6	5
18	A mini-multiplex SNaPshot assay for the triage of degraded human DNA. <i>Forensic Science International: Genetics</i> , 2018, 34, 62-70.	1.6	5

#	ARTICLE	IF	CITATIONS
19	A review of the current understanding of burned bone as a source of DNA for human identification. Science and Justice - Journal of the Forensic Science Society, 2021, 61, 332-338.	1.3	5
20	Soil DNA: advances in DNA technology offer a powerful new tool for forensic science. Geological Society Special Publication, 2021, 492, 239-247.	0.8	3
21	The importance of increasing the forensic relevance of oral health records for improved human identification outcomes. Australian Journal of Forensic Sciences, 2019, 51, 49-56.	0.7	3
22	Effects of thermal insult on bone tissue as observed by micro computed tomography. Forensic Imaging, 2021, 24, 200437.	0.4	3
23	Interpretation, confidence and application of the standardised terms: Identified, Probable, Possible, Exclude and Insufficient in forensic odontology identification. Science and Justice - Journal of the Forensic Science Society, 2021, 61, 426-434.	1.3	3
24	Strong genetic influence on hypocone expression of permanent maxillary molars in South Australian twins. Dental Anthropology, 2018, 22, 1-7.	0.9	3
25	Unveiling forensically relevant biogeographic, phenotype and Y-chromosome SNP variation in Pakistani ethnic groups using a customized hybridisation enrichment forensic intelligence panel. PLoS ONE, 2022, 17, e0264125.	1.1	3
26	Development and evaluation of online education to increase the forensic relevance of oral health records. Australian Dental Journal, 2018, 63, 81-93.	0.6	2
27	The use of gelling agents to preserve burnt teeth within the dental alveoli for dental human identification – a study utilising sheep mandibles. Forensic Science, Medicine, and Pathology, 2021, 17, 72-77.	0.6	2
28	“Identified”, “probable”, “possible” or “exclude”: The influence of task-irrelevant information on forensic odontology identification opinion. Science and Justice - Journal of the Forensic Science Society, 2022, 62, 461-470.	1.3	2
29	Can dental charting from a post-mortem computed tomographical scan produce a confident forensic identification without traditional physical and radiographic examination?. Australian Journal of Forensic Sciences, 2020, , 1-11.	0.7	1
30	Nucleic Acid Sample Preparation from Teeth/Dental Remains. Springer Protocols, 2016, , 183-193.	0.1	0
31	Dental identification practices across Australia. Australian Journal of Forensic Sciences, 0, , 1-14.	0.7	0
32	The future ahead – digital imaging in forensics. Pathology, 2022, 54, S11.	0.3	0