

Title	Year	Source title	DOI
A symmetry perceiving adaptive neural network and facial image recognition	1998	Forensic Science International	10.1016/S0379-0738(98)00137-6
Kernel mixture survival models for identifying cancer subtypes, predicting patient's cancer types and survival probabilities.	2004	Genome informatics. International Conference on Genome Informatics	
The latent process decomposition of cDNA microarray data sets	2005	IEEE/ACM Transactions on Computational Biology and Bioinformatics	10.1109/TCBB.2005.29
Analyzing gene expression time-courses	2005	IEEE/ACM Transactions on Computational Biology and Bioinformatics	10.1109/TCBB.2005.31
Mixture model analysis of DNA microarray images	2005	IEEE Transactions on Medical Imaging	10.1109/TMI.2005.848358
Dental biometrics: Alignment and matching of dental radiographs	2005	IEEE Transactions on Pattern Analysis and Machine Intelligence	10.1109/TPAMI.2005.157
Using weighted permutation scores to detect differential gene expression with microarray data	2005	Journal of Bioinformatics and Computational Biology	10.1142/S021972000500134X
Surveillance society: Openness is the best defence against intrusions into our private realms	2006	EMBO Reports	10.1038/sj.embor.7400735
Ballistics projectile image analysis for firearm identification	2006	IEEE Transactions on Image Processing	10.1109/TIP.2006.877530
Machine-learning approaches for classifying haplogroup from Y chromosome STR data	2008	PLoS Computational Biology	10.1371/journal.pcbi.1000093
Blind camera fingerprinting and image clustering	2008	IEEE Transactions on Pattern Analysis and Machine Intelligence	10.1109/TPAMI.2007.1183
Modeling and visualizing uncertainty in gene expression clusters using dirichlet process mixtures	2009	IEEE/ACM Transactions on Computational Biology and Bioinformatics	10.1109/TCBB.2007.70269
A greedy algorithm for gene selection based on SVM and correlation	2010	International Journal of Bioinformatics Research and Applications	10.1504/IJBRA.2010.034077

A GMM-IG framework for selecting genes as expression panel biomarkers	2010	Artificial Intelligence in Medicine	10.1016/j.artmed.2009.07.006
Breakpoint analysis of balanced chromosome rearrangements by next-generation paired-end sequencing	2010	European Journal of Human Genetics	10.1038/ejhg.2009.211
Introducing knowledge into differential expression analysis	2010	Journal of Computational Biology	10.1089/cmb.2010.0034
PopAffiliator: Online calculator for individual affiliation to a major population group based on 17 autosomal short tandem repeat genotype profile	2011	International Journal of Legal Medicine	10.1007/s00414-010-0472-2
Classifying black and white spruce pollen using layered machine learning	2012	New Phytologist	10.1111/j.1469-8137.2012.04291.x
A coarse to fine minutiae-based latent palmprint matching	2013	IEEE Transactions on Pattern Analysis and Machine Intelligence	10.1109/TPAMI.2013.39
Identification of unique repeated patterns, location of mutation in DNA finger printing using artificial intelligence technique	2014	International Journal of Bioinformatics Research and Applications	10.1504/IJBRA.2014.059516
Research on palmprint identification method based on quantum algorithms	2014	Scientific World Journal	10.1155/2014/670328
Local and global preserving semisupervised dimensionality reduction based on random subspace for cancer classification	2014	IEEE Journal of Biomedical and Health Informatics	10.1109/JBHI.2013.2281985
Human Centric Recognition of 3D Ear Models	2016	International Journal of Computational Intelligence Systems	10.1080/18756891.2016.1150002
Teaching artificial intelligence to read electropherograms	2016	Forensic Science International: Genetics	10.1016/j.fsigen.2016.07.013
Biomechanical Studies on Patterns of Cranial Bone Fracture Using the Immature Porcine Model	2017	Journal of Biomechanical Engineering	10.1115/1.4034430
Hierarchical information fusion for decision making in craniofacial superimposition	2018	Information Fusion	10.1016/j.inffus.2017.03.004
Facial composite systems: review	2018	Artificial Intelligence Review	10.1007/s10462-016-9519-1
Modeling Skull-Face Anatomical/Morphological Correspondence for Craniofacial Superimposition-Based Identification	2018	IEEE Transactions on Information Forensics and Security	10.1109/TIFS.2018.2791434
Forensic Odontology: Automatic Identification of Persons Comparing Antemortem and Postmortem Panoramic Radiographs Using Computer Vision	2018	RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren	10.1055/a-0632-4744

DNA methylation-based age prediction using massively parallel sequencing data and multiple machine learning models	2018	Forensic Science International: Genetics	10.1016/j.fsigen.2018.09.003
RNA splicing analysis in genomic medicine	2019	International Journal of Biochemistry and Cell Biology	10.1016/j.biocel.2018.12.009
The probability of predicting personality traits by the way user types on touch screen	2019	Innovations in Systems and Software Engineering	10.1007/s11334-018-0317-6
Identification of biometrics based on a classical mathematical methods in forensic medicine	2019	Indian Journal of Forensic Medicine and Toxicology	10.5958/0973-9130.2019.00207.X
Automated detection and removal of capillary electrophoresis artifacts due to spectral overlap	2019	Electrophoresis	10.1002/elps.201900060
Artificially intelligent scoring and classification engine for forensic identification	2020	Forensic Science International: Genetics	10.1016/j.fsigen.2019.102162
Feasibility of use of medical dual energy scanner for forensic detection and characterization of explosives, a phantom study	2020	International Journal of Legal Medicine	10.1007/s00414-020-02315-y
Validation studies of the ParaDNA® Intelligence System with artificial evidence items	2021	Forensic Sciences Research	10.1080/20961790.2019.1665159
An association between fingerprint patterns with blood group and lifestyle based diseases: a review	2021	Artificial Intelligence Review	10.1007/s10462-020-09891-w
From Fingers to Faces: Visual Semiotics and Digital Forensics	2021	International Journal for the Semiotics of Law	10.1007/s11196-020-09766-x
Artificial intelligence system for automatic deciduous tooth detection and numbering in panoramic radiographs	2021	Dentomaxillofacial Radiology	10.1259/dmfr.20200172
Automatic landmark annotation in 3D surface scans of skulls: Methodological proposal and reliability study	2021	Computer Methods and Programs in Biomedicine	10.1016/j.cmpb.2021.106380
Prognosis of sexual dimorphism with unfused hyoid bone: Artificial intelligence informed decision making with discriminant analysis	2021	Science and Justice	10.1016/j.scijus.2021.10.002
Validation of a neural network approach for STR typing to replace human reading	2021	Forensic Science International: Genetics	10.1016/j.fsigen.2021.102591
Identification of diatom taxonomy by a combination of region-based full convolutional network, online hard example mining, and shape priors of diatoms	2021	International Journal of Legal Medicine	10.1007/s00414-021-02664-2
Artificial neural network, predictor variables and sensitivity threshold for DNA methylation-based age prediction using blood samples	2021	Scientific Reports	10.1038/s41598-021-81556-2

Determine The Age Range Based On Machine-Learning Methods From Skeletal Angles Of The Face (Glabella And Maxilla Angle And Length And Width Of Piriformis) In A CT Scan	2022	International Journal of Medical Toxicology and Forensic Medicine	10.32598/ijmtfm.v12i4.38605
Computer-aided craniofacial superimposition validation study: the identification of the leaders and participants of the Polish-Lithuanian January Uprising (1863–1864)	2022	International Journal of Legal Medicine	10.1007/s00414-022-02929-4
Automatic detection of teeth and dental treatment patterns on dental panoramic radiographs using deep neural networks	2022	Forensic Sciences Research	10.1080/20961790.2022.2034714
Development of an artificial intelligence-based algorithm to classify images acquired with an intraoral scanner of individual molar teeth into three categories	2022	PLoS ONE	10.1371/journal.pone.0261870
Explainable artificial intelligence in forensics: Realistic explanations for number of contributor predictions of DNA profiles	2022	Forensic Science International: Genetics	10.1016/j.fsigen.2021.102632
High-throughput screening, next generation sequencing and machine learning: Advanced methods in enzyme engineering	2022	Chemical Communications	10.1039/d1cc04635g
A fully automated method of human identification based on dental panoramic radiographs using a convolutional neural network	2022	Dentomaxillofacial Radiology	10.1259/dmfr.20210383
Twelfth ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine, Dubrovnik, Croatia, June 22-27, 2022	2022	Croatian Medical Journal	10.3325/cmj.2022.63.211
FINGERPRINTS ANALYSIS USING AI ALGORITHM	2022	International Journal of Medical Toxicology and Legal Medicine	10.5958/0974-4614.2022.00092.4
Human Remains Identification Using Micro-CT, Chemometric and AI Methods in Forensic Experimental Reconstruction of Dental Patterns after Concentrated Sulphuric Acid Significant Impact	2022	Molecules	10.3390/molecules27134035
Interpretable Passive Multi-Modal Sensor Fusion for Human Identification and Activity Recognition	2022	Sensors	10.3390/s22155787
Deep learning-assisted Fe3O4 NPs for in-situ visual recognition of multi-dimensional information on latent fingerprints	2022	Sensors and Actuators B: Chemical	10.1016/j.snb.2022.132020
Criminal Behavior Identification Using Social Media Forensics	2022	Electronics (Switzerland)	10.3390/electronics11193162
Texture-Based Neural Network Model for Biometric Dental Applications	2022	Journal of Personalized Medicine	10.3390/jpm12121954
Diagnostic performance of convolutional neural networks for dental sexual dimorphism	2022	Scientific Reports	10.1038/s41598-022-21294-1

Evaluating artificial intelligence for comparative radiography	2023	International Journal of Legal Medicine	10.1007/s00414-023-03080-4
Deep Neural Networks-Based Age Estimation of Cadavers Using CT Imaging of Vertebrae	2023	International Journal of Environmental Research and Public Health	10.3390/ijerph20064806
Stature estimation by semi-automatic measurements of 3D CT images of the femur	2023	International Journal of Legal Medicine	10.1007/s00414-022-02921-y
Employing deep learning for sex estimation of adult individuals using 2D images of the humerus	2023	Neural Computing and Applications	10.1007/s00521-022-07981-0
Static Evaluation of a Midimew Connected Torus Network for Next Generation Supercomputers	2023	Sustainability (Switzerland)	10.3390/su15086766
DiatomNet v1.0: A novel approach for automatic diatom testing for drowning diagnosis in forensically biomedical application	2023	Computer Methods and Programs in Biomedicine	10.1016/j.cmpb.2023.107434
Designer genes courtesy of artificial intelligence	2023	Genes and Development	10.1101/gad.350783.123
Artificial intelligence in timber forensics employing DNA barcode database	2023	3 Biotech	10.1007/s13205-023-03604-0
Automatic sex estimation using deep convolutional neural network based on orthopantomogram images	2023	Forensic Science International	10.1016/j.forsciint.2023.111704
Age-Net: An Advanced Hybrid Deep Learning Model for Age Estimation Using Orthopantomograph Images	2023	Traitement du Signal	10.18280/ts.400423
Cascade of convolutional models for few-shot automatic cephalometric landmarks localization	2023	Engineering Applications of Artificial Intelligence	10.1016/j.engappai.2023.106391
A survey on deep learning-based image forgery detection	2023	Pattern Recognition	10.1016/j.patcog.2023.109778
Comprehensive evaluations of individual discrimination, kinship analysis, genetic relationship exploration and biogeographic origin prediction in Chinese Dongxiang group by a 60-plex DIP panel	2023	Hereditas	10.1186/s41065-023-00271-2
A comparative analysis of human and AI performance in forensic estimation of physical attributes	2023	Scientific Reports	10.1038/s41598-023-31821-3
A Machine-Learning-Based Approach to Prediction of Biogeographic Ancestry within Europe	2023	Int J Mol Sci	doi:10.3390/ijms242015095
Multi-omics integration strategy in the post-mortem interval of forensic science	2024	Talanta	10.1016/j.talanta.2023.125249
Applying artificial intelligence to determination of legal age of majority from radiographic	2024	Morphologie	10.1016/j.morpho.2023.100723