

# Phuvadol Thanakiatkrai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3601719/publications.pdf>

Version: 2024-02-01

32  
papers

464  
citations

840119

11  
h-index

713013

21  
g-index

32  
all docs

32  
docs citations

32  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct STR typing from human bones. <i>Forensic Science International</i> , 2022, 330, 111099.	1.3	0
2	Detection of porcine DNA in food using direct asymmetric PCR and catalyzed hairpin assembly fluorescent biosensor: A novel assay for halal food analysis. <i>Food Control</i> , 2022, 139, 108989.	2.8	6
3	Discrimination of highly degraded, aged Asian and African elephant ivory using denaturing gradient gel electrophoresis (DGGE). <i>International Journal of Legal Medicine</i> , 2021, 135, 107-115.	1.2	1
4	Extraction and electrochemical detection for quantification of trace-level DNA. <i>Mikrochimica Acta</i> , 2021, 188, 180.	2.5	4
5	A novel, 4-h DNA extraction method for STR typing of casework bone samples. <i>International Journal of Legal Medicine</i> , 2020, 134, 461-471.	1.2	16
6	Direct pentaplex PCR assay: An adjunct panel for meat species identification in Asian food products. <i>Food Chemistry</i> , 2019, 271, 767-772.	4.2	23
7	Comparison of two DNA extraction methods: PrepFiler® BTA and modified PCI-silica based for DNA analysis from bone. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 669-670.	0.1	5
8	Direct STR typing from fired and unfired bullet casings. <i>Forensic Science International</i> , 2019, 301, 182-189.	1.3	19
9	Improved STR profiles from improvised explosive device (IED): fluorescence latent DNA detection and direct PCR. <i>Forensic Science International: Genetics</i> , 2019, 41, 168-176.	1.6	25
10	A new cost-effective and fast direct PCR protocol for insects based on PBS buffer. <i>Molecular Ecology Resources</i> , 2019, 19, 691-701.	2.2	13
11	Internal validation of latest generation STR kits for direct STR typing from reference samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 834-835.	0.1	2
12	Simplified, rapid DNA extraction protocol for STR typing from bones. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 607-608.	0.1	0
13	In-house validation of four common PCR assays for avian gender investigation. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 353-354.	0.1	0
14	Meat species identification by two direct-triplex real-time PCR assays using low resolution melting. <i>Food Chemistry</i> , 2017, 233, 144-150.	4.2	26
15	Direct-STR typing from presumptively-tested and untreated body fluids. <i>Forensic Science International: Genetics</i> , 2017, 30, 1-9.	1.6	10
16	Comparative performance of AmpFLSTR® Identifier® Plus PCR amplification kit and QIAGEN® Investigator® IDplex Plus kit. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016, 56, 468-474.	1.3	9
17	A novel real time PCR assay using melt curve analysis for ivory identification. <i>Forensic Science International</i> , 2016, 267, 210-217.	1.3	10
18	Ivory species identification using electrophoresis-based techniques. <i>Electrophoresis</i> , 2016, 37, 3068-3075.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Systematic study for DNA recovery and profiling from common IED substrates: From laboratory to casework. <i>Forensic Science International: Genetics</i> , 2015, 17, 53-60.	1.6	26
20	Forensic animal DNA analysis using economical two-step direct PCR. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 29-38.	0.6	39
21	Forensic STR loci reveal common genetic ancestry of the Thai-Malay Muslims and Thai Buddhists in the deep Southern region of Thailand. <i>Journal of Human Genetics</i> , 2014, 59, 675-681.	1.1	13
22	Direct-multiplex PCR assay for meat species identification in food products. <i>Food Chemistry</i> , 2014, 163, 77-82.	4.2	102
23	Direct PCR-FINS: Wildlife species identification without DNA extraction. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e364-e365.	0.1	7
24	Low-cost direct PCR for aged and processed wildlife sample analysis. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e71-e72.	0.1	8
25	Age estimation of bloodstains using smartphones and digital image analysis. <i>Forensic Science International</i> , 2013, 233, 288-297.	1.3	49
26	Multiplex-direct PCR assay for foodborne pathogen identification: An application in forensic investigation. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e103-e104.	0.1	2
27	Are these food products fraudulent? Rapid and novel triplex-direct PCR assay for meat identification. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e33-e34.	0.1	7
28	Touch DNA collection from improvised explosive devices: A comprehensive study of swabs and moistening agents. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e29-e30.	0.1	9
29	Using the Taguchi method for rapid quantitative PCR optimization with SYBR Green I. <i>International Journal of Legal Medicine</i> , 2012, 126, 161-165.	1.2	17
30	An investigation into the protective capabilities of nucleosomes on forensic STRs. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e417-e418.	0.1	1
31	Evaluation of nucleosome forming potentials (NFPs) of forensically important STRs. <i>Forensic Science International: Genetics</i> , 2011, 5, 285-290.	1.6	6
32	Direct STR profiling from laundered bloodstains: an investigation of different factors of laundering. <i>International Journal of Legal Medicine</i> , 0, , .	1.2	0