

# 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-multiplex PCR assay for meat species identification in food products. Food Chemistry, 2014, 163, 77-82.	4.2	102
2	Age estimation of bloodstains using smartphones and digital image analysis. Forensic Science International, 2013, 233, 288-297.	1.3	49
3	Forensic animal DNA analysis using economical two-step direct PCR. Forensic Science, Medicine, and Pathology, 2014, 10, 29-38.	0.6	39
4	Systematic study for DNA recovery and profiling from common IED substrates: From laboratory to casework. Forensic Science International: Genetics, 2015, 17, 53-60.	1.6	26
5	Meat species identification by two direct-triplex real-time PCR assays using low resolution melting. Food Chemistry, 2017, 233, 144-150.	4.2	26
6	Improved STR profiles from improvised explosive device (IED): fluorescence latent DNA detection and direct PCR. Forensic Science International: Genetics, 2019, 41, 168-176.	1.6	25
7	Direct pentaplex PCR assay: An adjunct panel for meat species identification in Asian food products. Food Chemistry, 2019, 271, 767-772.	4.2	23
8	Direct STR typing from fired and unfired bullet casings. Forensic Science International, 2019, 301, 182-189.	1.3	19
9	Using the Taguchi method for rapid quantitative PCR optimization with SYBR Green I. International Journal of Legal Medicine, 2012, 126, 161-165.	1.2	17
10	A novel, 4-h DNA extraction method for STR typing of casework bone samples. International Journal of Legal Medicine, 2020, 134, 461-471.	1.2	16
11	Forensic STR loci reveal common genetic ancestry of the Thai-Malay Muslims and Thai Buddhists in the deep Southern region of Thailand. Journal of Human Genetics, 2014, 59, 675-681.	1.1	13
12	A new cost-effective and fast direct PCR protocol for insects based on PBS buffer. Molecular Ecology Resources, 2019, 19, 691-701.	2.2	13
13	A novel real time PCR assay using melt curve analysis for ivory identification. Forensic Science International, 2016, 267, 210-217.	1.3	10
14	Direct-STR typing from presumptively-tested and untreated body fluids. Forensic Science International: Genetics, 2017, 30, 1-9.	1.6	10
15	Touch DNA collection from improvised explosive devices: A comprehensive study of swabs and moistening agents. Forensic Science International: Genetics Supplement Series, 2013, 4, e29-e30.	0.1	9
16	Comparative performance of AmpFLSTR® Identifier® Plus PCR amplification kit and QIAGEN® Investigator® IDplex Plus kit. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 468-474.	1.3	9
17	Ivory species identification using electrophoresis-based techniques. Electrophoresis, 2016, 37, 3068-3075.	1.3	9
18	Low-cost direct PCR for aged and processed wildlife sample analysis. Forensic Science International: Genetics Supplement Series, 2013, 4, e71-e72.	0.1	8

#	ARTICLE	IF	CITATIONS
19	Direct PCR-FINS: Wildlife species identification without DNA extraction. Forensic Science International: Genetics Supplement Series, 2013, 4, e364-e365.	0.1	7
20	Are these food products fraudulent? Rapid and novel triplex-direct PCR assay for meat identification. Forensic Science International: Genetics Supplement Series, 2013, 4, e33-e34.	0.1	7
21	Evaluation of nucleosome forming potentials (NFPs) of forensically important STRs. Forensic Science International: Genetics, 2011, 5, 285-290.	1.6	6
22	Detection of porcine DNA in food using direct asymmetric PCR and catalyzed hairpin assembly fluorescent biosensor: A novel assay for halal food analysis. Food Control, 2022, 139, 108989.	2.8	6
23	Comparison of two DNA extraction methods: PrepFiler® BTA and modified PCI-silica based for DNA analysis from bone. Forensic Science International: Genetics Supplement Series, 2019, 7, 669-670.	0.1	5
24	Extraction and electrochemical detection for quantification of trace-level DNA. Mikrochimica Acta, 2021, 188, 180.	2.5	4
25	Multiplex-direct PCR assay for foodborne pathogen identification: An application in forensic investigation. Forensic Science International: Genetics Supplement Series, 2013, 4, e103-e104.	0.1	2
26	Internal validation of latest generation STR kits for direct STR typing from reference samples. Forensic Science International: Genetics Supplement Series, 2019, 7, 834-835.	0.1	2
27	An investigation into the protective capabilities of nucleosomes on forensic STRs. Forensic Science International: Genetics Supplement Series, 2011, 3, e417-e418.	0.1	1
28	Discrimination of highly degraded, aged Asian and African elephant ivory using denaturing gradient gel electrophoresis (DGGE). International Journal of Legal Medicine, 2021, 135, 107-115.	1.2	1
29	Simplified, rapid DNA extraction protocol for STR typing from bones. Forensic Science International: Genetics Supplement Series, 2019, 7, 607-608.	0.1	0
30	In-house validation of four common PCR assays for avian gender investigation. Forensic Science International: Genetics Supplement Series, 2019, 7, 353-354.	0.1	0
31	Direct STR typing from human bones. Forensic Science International, 2022, 330, 111099.	1.3	0
32	Direct STR profiling from laundered bloodstains: an investigation of different factors of laundering. International Journal of Legal Medicine, 0, , .	1.2	0