

Shanan S Tobe

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,313
citations

516710
16
h-index

377865
34
g-index

62
all docs

62
docs citations

62
times ranked

1378
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Six Presumptive Tests for Blood, Their Specificity, Sensitivity, and Effect on High Molecular-Weight DNA. <i>Journal of Forensic Sciences</i> , 2007, 52, 102-109.	1.6	174
2	Reconstructing Mammalian Phylogenies: A Detailed Comparison of the Cytochrome b and Cytochrome Oxidase Subunit I Mitochondrial Genes. <i>PLoS ONE</i> , 2010, 5, e14156.	2.5	152
3	An overview to the investigative approach to species testing in wildlife forensic science. <i>Investigative Genetics</i> , 2011, 2, 2.	3.3	116
4	Generation of DNA profiles from fabrics without DNA extraction. <i>Forensic Science International: Genetics</i> , 2010, 4, 137-141.	3.1	94
5	A multiplex assay to identify 18 European mammal species from mixtures using the mitochondrial cytochrome <i>b</i> gene. <i>Electrophoresis</i> , 2008, 29, 340-347.	2.4	88
6	Properties of nucleic acid staining dyes used in gel electrophoresis. <i>Electrophoresis</i> , 2015, 36, 941-944.	2.4	61
7	Using synthetic oligonucleotides as standards in probe-based qPCR. <i>BioTechniques</i> , 2018, 64, 177-179.	1.8	55
8	DNA typing in wildlife crime: recent developments in species identification. <i>Forensic Science, Medicine, and Pathology</i> , 2010, 6, 195-206.	1.4	48
9	A technique for the quantification of human and non-human mammalian mitochondrial DNA copy number in forensic and other mixtures. <i>Forensic Science International: Genetics</i> , 2008, 2, 249-256.	3.1	46
10	Sensitivity and specificity of presumptive tests for blood, saliva and semen. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 69-75.	1.4	45
11	Host-specific associations affect the microbiome of <i>Philornis downsi</i> , an introduced parasite to the Galápagos Islands. <i>Molecular Ecology</i> , 2017, 26, 4644-4656.	3.9	32
12	The development and validation of a single SNaPshot multiplex for tiger species and subspecies identification—Implications for forensic purposes. <i>Forensic Science International: Genetics</i> , 2012, 6, 250-257.	3.1	31
13	Cytochrome b or cytochrome c oxidase subunit I for mammalian species identification—An answer to the debate. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 306-307.	0.3	26
14	Finding DNA: Using fluorescent in situ detection. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e501-e502.	0.3	25
15	Stygofauna enhance prokaryotic transport in groundwater ecosystems. <i>Scientific Reports</i> , 2016, 6, 32738.	3.3	23
16	The complete mitochondrial genome analysis of the tiger (<i>Panthera tigris</i>). <i>Molecular Biology Reports</i> , 2012, 39, 5745-5754.	2.3	18
17	Effect of nucleic acid binding dyes on DNA extraction, amplification, and STR typing. <i>Electrophoresis</i> , 2015, 36, 2561-2568.	2.4	16
18	Identification multiplex assay of 19 terrestrial mammal species present in New Zealand. <i>Electrophoresis</i> , 2013, 34, 3370-3376.	2.4	15

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19	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.	1.4	14
20	Detection of DNA within fingermarks. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e290-e291.	0.3	13
21	Successful direct STR amplification of hair follicles after nuclear staining. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e65-e66.	0.3	13
22	Microbial composition analyses by 16S rRNA sequencing: A proof of concept approach to provenance determination of archaeological ochre. <i>PLoS ONE</i> , 2017, 12, e0185252.	2.5	13
23	Recovery of human DNA profiles from poached deer remains: A feasibility study. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2011, 51, 190-195.	2.1	11
24	Optimization of Diamond Nucleic Acid Dye for quantitative PCR. <i>BioTechniques</i> , 2016, 61, 183-189.	1.8	11
25	The use of mitochondrial DNA genes to identify closely related avian species. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 275-277.	0.3	10
26	Species Identification Using DNA Loci. <i>International Forensic Science and Investigation Series</i> , 2009, , 61-94.	0.0	10
27	Species identification of human and deer from mixed biological material. <i>Forensic Science International</i> , 2007, 169, 278-279.	2.2	9
28	An assessment of the genetic diversity of the founders of the European captive population of Asian lion (<i>Panthera leo leo</i>), using microsatellite markers and studbook analysis. <i>Mammalian Biology</i> , 2018, 88, 138-143.	1.5	9
29	Southern South Australian groundwater microbe diversity. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	9
30	Identifying endangered species from degraded mixtures at low levels. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 304-305.	0.3	8
31	An assessment of the subjectivity of sperm scoring. <i>Forensic Science International</i> , 2015, 251, 83-86.	2.2	8
32	ELEquant: a developmental framework and validation of forensic and conservation real-time PCR assays. <i>Molecular Biology Reports</i> , 2019, 46, 2093-2100.	2.3	8
33	Duration of in situ fluorescent signals within hairs follicles. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e175-e176.	0.3	7
34	Molecular identification of python species: Development and validation of a novel assay for forensic investigations. <i>Forensic Science International: Genetics</i> , 2015, 16, 64-70.	3.1	7
35	Complete Genome Sequences of the Endophytic <i>Streptomyces</i> Strains EN16, EN23, and EN27, Isolated from Wheat Plants. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
36	A proof of principal study on the use of direct PCR of semen and spermatozoa and development of a differential isolation protocol for use in cases of alleged sexual assault. <i>International Journal of Legal Medicine</i> , 2017, 131, 87-94.	2.2	7

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37	Complete Genome Sequences of the Endophytic <i>Streptomyces</i> sp. Strains LUP30 and LUP47B, Isolated from Lucerne Plants. <i>Genome Announcements</i> , 2017, 5, .	0.8	7
38	Successful DNA typing of a drug positive urine sample from a race horse. <i>Forensic Science International</i> , 2007, 173, 85-86.	2.2	6
39	A method to identify a large number of mammalian species in the UK from trace samples and mixtures without the use of sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 625-627.	0.3	6
40	Tiger species identification based on molecular approach. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 310-312.	0.3	6
41	Microbial micropatches within microbial hotspots. <i>PLoS ONE</i> , 2018, 13, e0197224.	2.5	6
42	Development of a multiplex, PCR-based genotyping assay for African and Asian elephants for forensic purposes. <i>International Journal of Legal Medicine</i> , 2020, 134, 55-62.	2.2	6
43	Microscale distributions of freshwater planktonic viruses and prokaryotes are patchy and taxonomically distinct. <i>Aquatic Microbial Ecology</i> , 2016, 77, 65-77.	1.8	6
44	On the trail of tigersâ€“tracking tiger in Traditional East Asian Medicine. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 603-604.	0.3	5
45	Recovery of human DNA profiles from poached deer remains part 2: Improved recovery protocol without the need for LCN analysis. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2013, 53, 23-27.	2.1	3
46	Commentary on: Comparison of presumptive blood test kits including Hexagon OBTI. <i>Journal of Forensic Sciences</i> , 2009, 54, 239-239.	1.6	2
47	Assigning confidence to sequence comparisons for species identification: A detailed comparison of the cytochrome b and cytochrome oxidase subunit I mitochondrial genes. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e246-e247.	0.3	2
48	A novel forensic DNA profiling technique for protected species. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e258-e260.	0.3	2
49	Quantification of trace amounts of human and non-human mitochondrial DNA (mtDNA) using SYBR Green and real time PCR. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 71-73.	0.3	1
50	Where does this tiger come from?â€“A robust molecular technique for simultaneous identification of endangered species and subspecies. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e532-e533.	0.3	1
51	A new assay for identifying endangered species in Traditional East Asian Medicine. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e232-e233.	0.3	1
52	Molecular analysis of botanical evidence by DNA thermal dissociation temperature. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e257-e258.	0.3	0
53	Tackling poaching: Recovery of human DNA profiles from deer remains. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e265-e266.	0.3	0