

Michelle E Gahan

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

940
citations

567281
15
h-index

477307
29
g-index

45
all docs

45
docs citations

45
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Case study “crown prosecution of a British citizen for the extraterritorial murder of Sergeant First Class Randy Johnson, United States 2nd Cavalry Regiment. Australian Journal of Forensic Sciences, 2021, 53, 84-95.	1.2	3
2	Identification of Bacillus and Yersinia species and hoax agents by protein profiling using microfluidic capillary electrophoresis with peak detection algorithms. Australian Journal of Forensic Sciences, 2021, 53, 2-15.	1.2	2
3	Developing a strategic forensic science risk management system as a component of the forensic science system of systems. Australian Journal of Forensic Sciences, 2020, 52, 208-221.	1.2	8
4	Why do we need a systems thinking approach to military forensic science in the contemporary world?. Australian Journal of Forensic Sciences, 2020, 52, 323-336.	1.2	5
5	The forensic intelligence continuum in the military context. Australian Journal of Forensic Sciences, 2020, 52, 3-15.	1.2	4
6	Automating direct-to-PCR for disaster victim identification. Australian Journal of Forensic Sciences, 2019, 51, S39-S43.	1.2	2
7	The black sheep of forensic science: military forensic and technical exploitation. Australian Journal of Forensic Sciences, 2019, 51, 636-648.	1.2	3
8	Bacillus species at the Canberra Airport: A comparison of real-time polymerase chain reaction and massively parallel sequencing for identification. Forensic Science International, 2019, 295, 169-178.	2.2	2
9	The QIAGEN 140-locus single-nucleotide polymorphism (SNP) panel for forensic identification using massively parallel sequencing (MPS): an evaluation and a direct-to-PCR trial. International Journal of Legal Medicine, 2019, 133, 677-688.	2.2	15
10	Species identification using high resolution melting (HRM) analysis with random forest classification. Australian Journal of Forensic Sciences, 2019, 51, 57-72.	1.2	10
11	A systems approach to forensic science applied in the military domain. Australian Journal of Forensic Sciences, 2019, 51, 12-21.	1.2	8
12	A Systems Approach to Biometrics in the Military Domain. Journal of Forensic Sciences, 2018, 63, 1858-1863.	1.6	10
13	Fit for purpose quality management system for military forensic exploitation. Forensic Science International, 2018, 284, 136-140.	2.2	14
14	Singleplex quantitative real-time PCR for the assessment of human mitochondrial DNA quantity and quality. Forensic Science, Medicine, and Pathology, 2018, 14, 70-75.	1.4	14
15	Assessment of the Precision ID Ancestry panel. International Journal of Legal Medicine, 2018, 132, 1581-1594.	2.2	44
16	Current and emerging tools for the recovery of genetic information from post mortem samples: New directions for disaster victim identification. Forensic Science International: Genetics, 2018, 37, 270-282.	3.1	45
17	Fungal bioreceptivity of Japanese tissue papers treated with plant dyes, watercolours, and acrylic paints in paper conservation. Studies in Conservation, 2017, 62, 104-113.	1.1	1
18	Characterization of Yersinia species by protein profiling using automated microfluidic capillary electrophoresis. Forensic Science, Medicine, and Pathology, 2017, 13, 10-19.	1.4	4

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19	Prediction of biogeographical ancestry from genotype: a comparison of classifiers. <i>International Journal of Legal Medicine</i> , 2017, 131, 901-912.	2.2	20
20	A simulation model to estimate the risk of transfusion-transmitted arboviral infection. <i>Transfusion and Apheresis Science</i> , 2016, 55, 233-239.	1.0	5
21	Evaluation of commercial DNA extraction methods for biosecurity applications. <i>Australian Journal of Forensic Sciences</i> , 2016, 48, 407-420.	1.2	3
22	Direct-to-PCR tissue preservation for DNA profiling. <i>International Journal of Legal Medicine</i> , 2016, 130, 607-613.	2.2	25
23	Nucleocytoplasmic transport of nucleocapsid proteins of enveloped RNA viruses. <i>Frontiers in Microbiology</i> , 2015, 6, 553.	3.5	72
24	Development of a forensic identity SNP panel for Indonesia. <i>International Journal of Legal Medicine</i> , 2015, 129, 681-691.	2.2	4
25	Background frequency of <i>Bacillus</i> species at the Canberra Airport: A 12 month study. <i>Forensic Science International</i> , 2015, 257, 142-148.	2.2	1
26	Dual Proinflammatory and Antiviral Properties of Pulmonary Eosinophils in Respiratory Syncytial Virus Vaccine-Enhanced Disease. <i>Journal of Virology</i> , 2015, 89, 1564-1578.	3.4	33
27	An overview of biosecurity in Australia. <i>Australian Journal of Forensic Sciences</i> , 2014, 46, 383-396.	1.2	5
28	Characterization of <i>Bacillus</i> strains and hoax agents by protein profiling using automated microfluidic capillary electrophoresis. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 380-389.	1.4	7
29	Recovery and identification of bacterial DNA from illicit drugs. <i>Forensic Science International</i> , 2014, 235, 78-85.	2.2	9
30	Dengue virus therapeutic intervention strategies based on viral, vector and host factors involved in disease pathogenesis. , 2013, 137, 266-282.		38
31	Predicting the presence of hepatitis B virus surface antigen in Chinese patients by pathology data mining. <i>Journal of Medical Virology</i> , 2013, 85, 1334-1339.	5.0	16
32	Duration of Ross River viraemia in a mouse model – implications for transfusion transmission. <i>Vox Sanguinis</i> , 2012, 102, 185-192.	1.5	12
33	Human Metapneumovirus Establishes Persistent Infection in the Lungs of Mice and Is Reactivated by Glucocorticoid Treatment. <i>Journal of Virology</i> , 2009, 83, 6837-6848.	3.4	32
34	Interleukin-15 mediates potent antiviral responses via an interferon-dependent mechanism. <i>Virology</i> , 2009, 393, 228-237.	2.4	14
35	The Medicinal Chemistry of Dengue Fever. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7911-7926.	6.4	71
36	Bacterial Antigen Expression Is an Important Component in Inducing an Immune Response to Orally Administered Salmonella-Delivered DNA Vaccines. <i>PLoS ONE</i> , 2009, 4, e6062.	2.5	11

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37	Impact of prior immunological exposure on vaccine delivery by Salmonella enterica serovar Typhimurium. Vaccine, 2008, 26, 6212-6220.	3.8	15
38	Impact of plasmid stability on oral DNA delivery by Salmonella enterica serovar Typhimurium. Vaccine, 2007, 25, 1476-1483.	3.8	27
39	Tissue-Specific Associations Between Mitochondrial DNA Levels and Current Treatment Status in HIV-Infected Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2006, 42, 435-440.	2.1	55
40	Changes in Mitochondrial DNA in Peripheral Blood Mononuclear Cells from HIV-Infected Patients with Lipodystrophy Randomized to Receive Abacavir. Journal of Infectious Diseases, 2004, 190, 688-692.	4.0	42
41	Chlamydia pneumoniae in HIV-infected patients and controls assessed by a novel whole blood interferon- γ assay, serology and PCR. Clinical Microbiology and Infection, 2004, 10, 820-825.	6.0	4
42	Assessment of precision and concordance of quantitative mitochondrial DNA assays: a collaborative international quality assurance study. Journal of Clinical Virology, 2003, 27, 97-110.	3.1	45
43	Exposure to Dideoxynucleosides Is Reflected in Lowered Mitochondrial DNA in Subcutaneous Fat. Journal of Acquired Immune Deficiency Syndromes (1999), 2002, 30, 271-277.	2.1	104
44	Quantification of mitochondrial DNA in peripheral blood mononuclear cells and subcutaneous fat using real-time polymerase chain reaction. Journal of Clinical Virology, 2001, 22, 241-247.	3.1	70
45	Predictive DNA analysis for biogeographical ancestry. Australian Journal of Forensic Sciences, 0, , 1-8.	1.2	6