

Deetta K Mills

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,467
citations

430874

18
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergence in proteins, mitochondrial DNA, and reproductive compatibility across the isthmus of Panama. <i>Science</i> , 1993, 260, 1629-1632.	12.6	486
2	Microbial Communities in the Surface Mucopolysaccharide Layer and the Black Band Microbial Mat of Black Band-Diseased <i>Siderastrea siderea</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 5963-5973.	3.1	138
3	A comparison of DNA profiling techniques for monitoring nutrient impact on microbial community composition during bioremediation of petroleum-contaminated soils. <i>Journal of Microbiological Methods</i> , 2003, 54, 57-74.	1.6	123
4	Black Band Disease Microbial Community Variation on Corals in Three Regions of the Wider Caribbean. <i>Microbial Ecology</i> , 2007, 54, 730-739.	2.8	54
5	Culture and identification of <i>Desulfovibrio</i> spp. from corals infected by black band disease on Dominican and Florida Keys reefs. <i>Diseases of Aquatic Organisms</i> , 2006, 69, 119-127.	1.0	53
6	The application of amplicon length heterogeneity PCR (LH-PCR) for monitoring the dynamics of soil microbial communities associated with cadaver decomposition. <i>Journal of Microbiological Methods</i> , 2011, 84, 388-393.	1.6	48
7	Through central arginine vasopressin, not oxytocin and endogenous opiate peptides, glutamate sodium induces hypothalamic paraventricular nucleus enhancing acupuncture analgesia in the rat. <i>Neuroscience Research</i> , 2006, 54, 49-56.	1.9	41
8	Assessing Microbial Community Diversity Using Amplicon Length Heterogeneity Polymerase Chain Reaction. <i>Soil Science Society of America Journal</i> , 2007, 71, 572-578.	2.2	39
9	An interdisciplinary review of the thanatomicrobiome in human decomposition. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 75-83.	1.4	39
10	Influence of irrigated agriculture on soil microbial diversity. <i>Applied Soil Ecology</i> , 2008, 40, 146-154.	4.3	36
11	An assessment of the hypervariable domains of the 16S rRNA genes for their value in determining microbial community diversity: the paradox of traditional ecological indices. <i>FEMS Microbiology Ecology</i> , 2006, 57, 496-503.	2.7	35
12	Microbial Metagenome Profiling Using Amplicon Length Heterogeneity-Polymerase Chain Reaction Proves More Effective Than Elemental Analysis in Discriminating Soil Specimens. <i>Journal of Forensic Sciences</i> , 2006, 51, 1315-1322.	1.6	34
13	Genetic individualization of <i>Cannabis sativa</i> by a short tandem repeat multiplex system. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 719-726.	3.7	33
14	Developmental Validation of the ParaDNA [®] Screening System - A presumptive test for the detection of DNA on forensic evidence items. <i>Forensic Science International: Genetics</i> , 2014, 11, 73-79.	3.1	30
15	Microbiota shifts in the surface mucopolysaccharide layer of corals transferred from natural to aquaria settings. <i>Journal of Invertebrate Pathology</i> , 2015, 125, 42-44.	3.2	27
16	Developmental validation of the ParaDNA [®] Intelligence System [™] - A novel approach to DNA profiling. <i>Forensic Science International: Genetics</i> , 2015, 17, 137-148.	3.1	27
17	Bioinformatics Approach to Assess the Biogeographical Patterns of Soil Communities: The Utility for Soil Provenance. <i>Journal of Forensic Sciences</i> , 2018, 63, 1033-1042.	1.6	23
18	Preliminary accuracy of COVID-19 odor detection by canines and HS-SPME-GC-MS using exhaled breath samples. <i>Forensic Science International (Online)</i> , 2021, 3, 100155.	1.3	22

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19	An ecoinformatics tool for microbial community studies: Supervised classification of Amplicon Length Heterogeneity (ALH) profiles of 16S rRNA. <i>Journal of Microbiological Methods</i> , 2006, 65, 49-62.	1.6	20
20	Past, Present, and Future of DNA Typing for Analyzing Human and Non-Human Forensic Samples. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	20
21	HIV-positive patients differ from HIV-negative patients in indications for and type of UV therapy used. <i>Journal of the American Academy of Dermatology</i> , 1998, 39, 48-55.	1.2	15
22	Agri-dogs: Using Canines for Earlier Detection of Laurel Wilt Disease Affecting Avocado Trees in South Florida. <i>HortTechnology</i> , 2018, 28, 109-116.	0.9	14
23	An investigation into the concurrent collection of human scent and epithelial skin cells using a non-contact sampling device. <i>Forensic Science International</i> , 2016, 266, 148-159.	2.2	13
24	Lethal Consequences of Simulated Solar Radiation on the Nematode <i>Caenorhabditis elegans</i> in the Presence and Absence of Photosensitizers. <i>Photochemistry and Photobiology</i> , 1998, 68, 816-823.	2.5	12
25	An Evaluation of Scent-discriminating Canines for Rapid Response to Agricultural Diseases. <i>HortTechnology</i> , 2018, 28, 102-108.	0.9	11
26	Long-Term Organic Nutrient Management Fosters the Eubacterial Community Diversity in the Indian Semi-arid Alfisol as Revealed by Length Heterogeneity-PCR. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 189-203.	1.4	10
27	The Equine Volatilome: Volatile Organic Compounds as Discriminatory Markers. <i>Journal of Equine Veterinary Science</i> , 2018, 62, 47-53.	0.9	10
28	Fluorescent Random Amplified Microsatellites (F-RAMS) analysis of mushrooms as a forensic investigative tool. <i>Forensic Science International: Genetics</i> , 2014, 9, 25-32.	3.1	9
29	Lack of Consensus Among Experts on the Choice of UV Therapy for Psoriasis. <i>Archives of Dermatology</i> , 1999, 135, 1187-92.	1.4	8
30	Chemotyping the temporal volatile organic compounds of an invasive fungus to the United States, <i>Raffaelea lauricola</i> . <i>Journal of Chromatography A</i> , 2017, 1487, 72-76.	3.7	8
31	Chemical and canine analysis as complimentary techniques for the identification of active odors of the invasive fungus, <i>Raffaelea lauricola</i> . <i>Talanta</i> , 2017, 168, 320-328.	5.5	7
32	PAA polymer and capillary electrophoresis easily resolves complex environmental DNA mixtures and SNPs. <i>Electrophoresis</i> , 2014, 35, 3208-3211.	2.4	6
33	Detection of single nucleotide polymorphisms (SNP) in equine coat color genes using SNaPshot™ multiplex kit or pluronic PAA tri-block copolymer and capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 2862-2866.	2.4	5
34	High Polyacrylamide Application Rates Do Not Affect Eubacterial Structural Diversity. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	4
35	Improved DNA profiles from aged horse feces using pressure cycling technology. <i>Conservation Genetics Resources</i> , 2016, 8, 487-495.	0.8	3
36	Lethal consequences of simulated solar radiation on the nematode <i>Caenorhabditis elegans</i> in the presence and absence of photosensitizers. <i>Photochemistry and Photobiology</i> , 1998, 68, 816-23.	2.5	2

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37	Resolving human DNA mixtures with Fâ€108 polymer and capillary electrophoresis singleâ€strand conformational polymorphism analysis. Journal of Separation Science, 2020, 43, 3327-3332.	2.5	1
38	Education and training in microbial forensics. , 2020, , 473-495.		0
39	Lethal Consequences of Simulated Solar Radiation on the Nematode Caenorhabditis elegans in the Presence and Absence of Photosensitizers. Photochemistry and Photobiology, 1998, 68, 816.	2.5	0