Martha E Trujillo

List of Publications by Year in Descending Order

94 papers	4,288 citations	35 h-index	64 g-index
108 ext. papers	6,579 ext. citations	3.4 avg, IF	5.43 L-index

#	Paper	IF	Citations
94	Deciphering Genomes: Genetic Signatures of Plant-Associated .. *Frontiers in Plant Science*, **2022**, 13, 872356	5.2	1
93	Micromonospora metallophores: A plant growth promotion trait useful for bacterial-assisted phytoremediation?. *Science of the Total Environment*, **2020**, 739, 139850	10.2	8
92	gen. nov., sp. nov., a halophilic gammaproteobacterium in the family isolated from a salt mine in the Colombian Andes. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 5888-5898	2.2	0
91	Lists of names of prokaryotic taxa. *International Journal of Systematic and Evolutionary Microbiology* , **2020**, 70, 3956-4042	2.2	27
90	Six novel species of the obligate marine actinobacterium , sp. nov., sp. nov., sp. nov., sp. nov., sp. nov. and sp. nov., and emended description of the genus. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 4668-4682	2.2	11
89	High taxonomic diversity of Micromonospora strains isolated from Medicago sativa nodules in Western Spain and Australia. *Systematic and Applied Microbiology*, **2020**, 43, 126043	4.2	6
88	An integrated bioaugmentation/electrocoagulation concept for olive mill wastewater management and the reuse in irrigation of biofuel plants: a pilot study. *Environmental Science and Pollution Research*, **2019**, 26, 15803-15815	5.1	10
87	Auraticoccus **2019**, 1-5		
86	Blastococcus **2019**, 1-15		
85	A study of three bacteria isolated from marine sediment and description of Micromonospora globispora sp. nov. *Systematic and Applied Microbiology*, **2019**, 42, 190-197	4.2	5
84	Geodermatophilus chilensis sp. nov., from soil of the Yungay core-region of the Atacama Desert, Chile. *Systematic and Applied Microbiology*, **2018**, 41, 427-436	4.2	16
83	Genome-based classification of micromonosporae with a focus on their biotechnological and ecological potential. *Scientific Reports*, **2018**, 8, 525	4.9	63
82	Defining the Species and Under the Framework of Genomics. *Frontiers in Microbiology*, **2018**, 9, 1360	5.7	15
81	Micromonospora phytophila sp. nov. and Micromonospora luteiviridis sp. nov., isolated as natural inhabitants of plant nodules. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 248-253	2.2	12
80	Proposed minimal standards for the use of genome data for the taxonomy of prokaryotes. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 461-466	2.2	1279
79	Epidermidibacterium keratini gen. nov., sp. nov., a member of the family Sporichthyaceae, isolated from keratin epidermis. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 745-750	2.2	5
78	Proposal of the suffix -ota to denote phyla. Addendum to Proposal to include the rank of phylum in the International Code of Nomenclature of ProkaryotesS *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 967-969	2.2	50

77	Avoiding Salami slicingSin publications describing new prokaryotic taxa. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 977-978	2.2	2
76	Blastococcus atacamensis sp. nov., a novel strain adapted to life in the Yungay core region of the Atacama Desert. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 2712-2721	2.2	17
75	Monitoring the colonization and infection of legume nodules by Micromonospora in co-inoculation experiments with rhizobia. *Scientific Reports*, **2017**, 7, 11051	4.9	24
74	Pseudonocardia nigra sp. nov., isolated from Atacama Desert rock. *International Journal of Systematic and Evolutionary Microbiology*, **2017**, 67, 2980-2985	2.2	15
73	Description of Kibdelosporangium banguiense sp. nov., a novel actinomycete isolated from soil of the forest of Pama, on the plateau of Bangui, Central African Republic. *Antonie Van Leeuwenhoek*, **2016**, 109, 685-95	2.1	5
72	Micromonospora ureilytica sp. nov., Micromonospora noduli sp. nov. and Micromonospora vinacea sp. nov., isolated from Pisum sativum nodules. *International Journal of Systematic and Evolutionary Microbiology*, **2016**, 66, 3509-3514	2.2	20
71	Microbacterium diaminobutyricum sp. nov., isolated from Halimione portulacoides, which contains diaminobutyric acid in its cell wall, and emended description of the genus Microbacterium. *International Journal of Systematic and Evolutionary Microbiology*, **2016**, 66, 4492-4500	2.2	20
70	Modestobacter caceresii sp. nov., novel actinobacteria with an insight into their adaptive mechanisms for survival in extreme hyper-arid Atacama Desert soils. *Systematic and Applied Microbiology*, **2016**, 39, 243-251	4.2	34
69	Micromonospora luteifusca sp. nov. isolated from cultivated Pisum sativum. *Systematic and Applied Microbiology*, **2016**, 39, 237-242	4.2	19
68	Actinobacteria **2016**, 1-16		9
67	Revision of the taxonomic status of the species Rhizobium lupini and reclassification as Bradyrhizobium lupini comb. nov. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 1213-1219	2.2	40
66	Microbacterium proteolyticum sp. nov. isolated from roots of Halimione portulacoides. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 1794-1798	2.2	8
65	Actinomadura **2015**, 1-32		2
64	Thermobifida **2015**, 1-17		
63	Xylanibacterium **2015**, 1-6		
62	Endophytic Actinobacteria and the Interaction of Micromonospora and Nitrogen Fixing Plants. *Frontiers in Microbiology*, **2015**, 6, 1341	5.7	59
61	Modestobacter lapidis sp. nov. and Modestobacter muralis sp. nov., isolated from a deteriorated sandstone historic building in Salamanca, Spain. *Antonie Van Leeuwenhoek*, **2015**, 108, 311-20	2.1	16
60	Arthroamide, a Cyclic Depsipeptide with Quorum Sensing Inhibitory Activity from Arthrobacter sp. *Journal of Natural Products*, **2015**, 78, 2827-31	4.9	21

59	Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 4284-4287	2.2	53
58	Microbacterium endophyticum sp. nov. and Microbacterium halimionae sp. nov., endophytes isolated from the salt-marsh plant Halimione portulacoides and emended description of the genus Microbacterium. *Systematic and Applied Microbiology*, **2014**, 37, 474-9	4.2	27
57	Campechic acids A and B: anti-invasive polyether polyketides from a soil-derived Streptomyces. *Journal of Natural Products*, **2014**, 77, 976-82	4.9	9
56	Genome features of the endophytic actinobacterium Micromonospora lupini strain Lupac 08: on the process of adaptation to an endophytic life style?. *PLoS ONE*, **2014**, 9, e108522	3.7	48
55	Siansivirga jejuensis [corrected] sp. nov., isolated from seawater of Jeju Island in Korea and emendation of the genus Siansivirga. *Antonie Van Leeuwenhoek*, **2014**, 106, 763-9	2.1	2
54	Micromonospora from nitrogen fixing nodules of alfalfa (Medicago sativa L.). A new promising Plant Probiotic Bacteria. *Scientific Reports*, **2014**, 4, 6389	4.9	56
53	Jeotgalibaca dankookensis gen. nov., sp. nov., a member of the family Carnobacteriaceae, isolated from seujeot (Korean traditional food). *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 1729-1735	2.2	9
52	The Family Micromonosporaceae **2014**, 499-569		6
51	Generic and functional diversity in endophytic actinomycetes from wild Compositae plant species at South Sinai - Egypt. *Research in Microbiology*, **2013**, 164, 761-9	4	27
50	MALDI-TOF mass spectrometry as a tool for differentiation of Bradyrhizobium species: application to the identification of Lupinus nodulating strains. *Systematic and Applied Microbiology*, **2013**, 36, 565-71	4.2	16
49	Micromonospora halotolerans sp. nov., isolated from the rhizosphere of a Pisum sativum plant. *Antonie Van Leeuwenhoek*, **2013**, 103, 1245-54	2.1	14
48	A call to action for the International Committee on Systematics of Prokaryotes. *Trends in Microbiology*, **2013**, 21, 51-2	12.4	14
47	Micromonospora is a normal occupant of actinorhizal nodules. *Journal of Biosciences*, **2013**, 38, 685-93	2.3	47
46	Asinibacterium lactis gen. nov., sp. nov., a member of the family Chitinophagaceae, isolated from donkey (Equus asinus) milk. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 3180-3185	2.2	22
45	Diversity of Micromonospora strains isolated from nitrogen fixing nodules and rhizosphere of Pisum sativum analyzed by multilocus sequence analysis. *Systematic and Applied Microbiology*, **2012**, 35, 73-80	4.2	62
44	A call to arms for systematists: revitalising the purpose and practises underpinning the description of novel microbial taxa. *Antonie Van Leeuwenhoek*, **2012**, 101, 13-20	2.1	59
43	Micromonospora cremea sp. nov. and Micromonospora zamorensis sp. nov., isolated from the rhizosphere of Pisum sativum. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 2971-2977	2.2	30
42	Genome sequence of Micromonospora lupini Lupac 08, isolated from root nodules of Lupinus angustifolius. *Journal of Bacteriology*, **2012**, 194, 4135	3.5	14

41	Streptomyces pharmamarensis sp. nov. isolated from a marine sediment. *International Journal of Systematic and Evolutionary Microbiology*, **2012**, 62, 1165-1170	2.2	11
40	Lupinacidin C, an inhibitor of tumor cell invasion from Micromonospora lupini. *Journal of Natural Products*, **2011**, 74, 862-5	4.9	47
39	Auraticoccus monumenti gen. nov., sp. nov., an actinomycete isolated from a deteriorated sandstone monument. *International Journal of Systematic and Evolutionary Microbiology*, **2011**, 61, 1098-1103	2.2	10
38	Taxonomic subcommittees and minimal standards for the description of prokaryotes. *Microbiology Australia*, **2011**, 32, 64	0.8	2
37	The genus Micromonospora is widespread in legume root nodules: the example of Lupinus angustifolius. *ISME Journal*, **2010**, 4, 1265-81	11.9	117
36	Abyssomicin I, a modified polycyclic polyketide from Streptomyces sp. CHI39. *Journal of Natural Products*, **2010**, 73, 1943-6	4.9	42
35	Micromonospora pisi sp. nov., isolated from root nodules of Pisum sativum. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 331-337	2.2	86
34	Analysis of core genes supports the reclassification of strains Agrobacterium radiobacter K84 and Agrobacterium tumefaciens AKE10 into the species Rhizobium rhizogenes. *Systematic and Applied Microbiology*, **2010**, 33, 247-51	4.2	44
33	Promicromonospora kroppenstedtii sp. nov., isolated from sandy soil. *International Journal of Systematic and Evolutionary Microbiology*, **2008**, 58, 1476-81	2.2	15
32	Rhizobium cellulase CelC2 is essential for primary symbiotic infection of legume host roots. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7064-9	11.5	95
31	Antitumor anthraquinones from an endophytic actinomycete Micromonospora lupini sp. nov. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 3702-5	2.9	87
30	Influence of Dekkera bruxellensis on the contents of anthocyanins, organic acids and volatile phenols of Dō red wine. *Food Chemistry*, **2007**, 100, 64-70	8.5	29
29	High-speed gel microelectrophoresis, a new and easy approach for detection of PCR-amplified microbial DNA from environmental and clinical samples in microgels using conventional equipment. *Letters in Applied Microbiology*, **2007**, 44, 654-9	2.9	1
28	Micromonospora lupini sp. nov. and Micromonospora saelicesensis sp. nov., isolated from root nodules of Lupinus angustifolius. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 2799-2804	2.2	85
27	Ochrobactrum cytisi sp. nov., isolated from nodules of Cytisus scoparius in Spain. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 784-788	2.2	108
26	Nodulation of Lupinus albus by Strains of Ochrobactrum lupini sp. nov. *Applied and Environmental Microbiology*, **2006**, 72, 4500-4500	4.8	78
25	IB-01212, a new cytotoxic cyclodepsipeptide isolated from the marine fungus Clonostachys sp. ESNA-A009. *Journal of Organic Chemistry*, **2006**, 71, 3335-8	4.2	37
24	Micromonospora coriariae sp. nov., isolated from root nodules of Coriaria myrtifolia. *International Journal of Systematic and Evolutionary Microbiology*, **2006**, 56, 2381-2385	2.2	81

23	Acetobacter oeni sp. nov., isolated from spoiled red wine. *International Journal of Systematic and Evolutionary Microbiology*, **2006**, 56, 21-4	2.2	37
22	Kribbella lupini sp. nov., isolated from the roots of Lupinus angustifolius. *International Journal of Systematic and Evolutionary Microbiology*, **2006**, 56, 407-411	2.2	46
21	Biodiversity of populations of phosphate solubilizing rhizobia that nodulates chickpea in different Spanish soils. *Plant and Soil*, **2006**, 287, 23-33	4.2	94
20	Nodulation of Lupinus albus by strains of Ochrobactrum lupini sp. nov. *Applied and Environmental Microbiology*, **2005**, 71, 1318-27	4.8	192
19	Analysis of non-coloured phenolics in red wine: Effect of Dekkera bruxellensis yeast. *Food Chemistry*, **2005**, 89, 185-189	8.5	37
18	Reclassification of Agrobacterium ferrugineum LMG 128 as Hoeflea marina gen. nov., sp. nov. *International Journal of Systematic and Evolutionary Microbiology*, **2005**, 55, 1163-1166	2.2	41
17	Micromonospora mirobrigensis sp. nov. *International Journal of Systematic and Evolutionary Microbiology*, **2005**, 55, 877-880	2.2	48
16	Xylanibacterium ulmi gen. nov., sp. nov., a novel xylanolytic member of the family Promicromonosporaceae. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 557-561	2.2	31
15	Cellulomonas xylanilytica sp. nov., a cellulolytic and xylanolytic bacterium isolated from a decayed elm tree. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 533-536	2.2	35
14	Agromyces ulmi sp. nov., a xylanolytic bacterium isolated from Ulmus nigra in Spain. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 1987-1990	2.2	31
13	Mycobacterium psychrotolerans sp. nov., isolated from pond water near a uranium mine. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 1459-1463	2.2	18
12	Microbacterium ulmi sp. nov., a xylanolytic, phosphate-solubilizing bacterium isolated from sawdust of Ulmus nigra. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 513-517	2.2	25
11	Sphingomonas phyllosphaerae sp. nov., from the phyllosphere of Acacia caven in Argentina. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 2147-2150	2.2	34
10	Numerical phenetic classification of clinically significant aerobic sporoactinomycetes and related organisms. *Antonie Van Leeuwenhoek*, **2003**, 84, 39-68	2.1	39
9	Actinomadura mexicana sp. nov. and Actinomadura meyerii sp. nov., two novel soil sporoactinomycetes. *Systematic and Applied Microbiology*, **2003**, 26, 511-7	4.2	18
8	Xylanimonas cellulosilytica gen. nov., sp. nov., a xylanolytic bacterium isolated from a decayed tree (Ulmus nigra). *International Journal of Systematic and Evolutionary Microbiology*, **2003**, 53, 99-103	2.2	75
7	Analysis of stable low molecular weight (LMW) RNA profiles of hydrocarbon metabolizing bacteria by staircase electrophoresis. *Systematic and Applied Microbiology*, **2001**, 24, 290-3	4.2	1
6	Stable low molecular weight RNA analyzed by staircase electrophoresis, a molecular signature for both prokaryotic and eukaryotic microorganisms. *Systematic and Applied Microbiology*, **2001**, 24, 490-9	4.2	17

5	Characterization of rhizobial isolates of Phaseolus vulgaris by staircase electrophoresis of low-molecular-weight RNA. *Applied and Environmental Microbiology*, **2001**, 67, 1008-10	4.8	36
4	Identification of some clinically significant actinomycetes. *Research in Microbiology*, **1993**, 144, 647-51	4	
3	Curtobacterium glycinis sp. nov. from Glycine max, Curtobacterium gossypii sp. nov. from Gossypium hirsutum and Curtobacterium oryzae sp. nov. from Oryza sativa, three new Curtobacterium species and endophytes from agricultural crops		1
2	From roots to leaves: the capacity of Micromonospora to colonize different legume tissues. *Phytobiomes Journal*,	4.8	2
1	Jatrophihabitans1-8		