Marta Martin

List of Publications by Year
in descending order

55	3,281	159358 30	161609 54
papers	citations	h-index	g-index

57	57	57	3574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptomic analysis of Pseudomonas ogarae F113 reveals the antagonistic roles of AmrZ and FleQ during rhizosphere adaption. Microbial Genomics, 2022, 8, .	1.0	6
2	Regulation of extracellular matrix components by AmrZ is mediated by c-di-GMP in Pseudomonas ogarae F113. Scientific Reports, 2022, 12, .	1.6	4
3	Pseudomonas fluorescens F113 type VI secretion systems mediate bacterial killing and adaption to the rhizosphere microbiome. Scientific Reports, 2021, 11, 5772.	1.6	31
4	Comparative genomics of the Pseudomonas corrugata subgroup reveals high species diversity and allows the description of Pseudomonas ogarae sp. nov.. Microbial Genomics, 2021, 7, .	1.0	19
5	In Silico Characterization and Phylogenetic Distribution of Extracellular Matrix Components in the Model Rhizobacteria Pseudomonas fluorescens F113 and Other Pseudomonads. Microorganisms, 2020, 8, 1740.	1.6	20
6	Comparative Genomics of the Rhodococcus Genus Shows Wide Distribution of Biodegradation Traits. Microorganisms, 2020, 8, 774.	1.6	25
7	Analysis of the biodegradative and adaptive potential of the novel polychlorinated biphenyl degrader Rhodococcus sp. WAY2 revealed by its complete genome sequence. Microbial Genomics, 2020, 6, .	1.0	20
8	Metagenomic Insights into the Bacterial Functions of a Diesel-Degrading Consortium for the Rhizoremediation of Diesel-Polluted Soil. Genes, 2019, 10, 456.	1.0	79
9	The diguanylate cyclase AdrA regulates flagellar biosynthesis in Pseudomonas fluorescens F113 through SadB. Scientific Reports, 2019, 9, 8096.	1.6	12
10	Phylogenomic Analyses of Bradyrhizobium Reveal Uneven Distribution of the Lateral and Subpolar Flagellar Systems, Which Extends to Rhizobiales. Microorganisms, 2019, 7, 50.	1.6	16
11	AmrZ is a major determinant of c-di-GMP levels in Pseudomonas fluorescens F113. Scientific Reports, 2018, 8, 1979.	1.6	27
12	Genome-wide analysis of the FleQ direct regulon in Pseudomonas fluorescens F113 and Pseudomonas putida KT2440. Scientific Reports, 2018, 8, 13145.	1.6	44
13	Metagenomic Analysis of a Biphenyl-Degrading Soil Bacterial Consortium Reveals the Metabolic Roles of Specific Populations. Frontiers in Microbiology, 2018, 9, 232.	1.5	58
14	What makes rhizobia rhizosphere colonizers?. Environmental Microbiology, 2017, 19, 4379-4381.	1.8	1
15	Classification of Isolates from the Pseudomonas fluorescens Complex into Phylogenomic Groups Based in Group-Specific Markers. Frontiers in Microbiology, 2017, 8, 413.	1.5	51
16	Pseudomonas fluorescens F113 Can Produce a Second Flagellar Apparatus, Which Is Important for Plant Root Colonization. Frontiers in Microbiology, 2016, 7, 1471.	1.5	18
17	Genomic and Genetic Diversity within the Pseudomonas fluorescens Complex. PLoS ONE, 2016, 11, e0150183.	1.1	171
18	Chemotactic Motility of Pseudomonas fluorescens F113 under Aerobic and Denitrification Conditions. PLoS ONE, 2015, 10, e0132242.	1.1	23

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19	AmrZ is a global transcriptional regulator implicated in iron uptake and environmental adaption in P. fluorescensF113. BMC Genomics, 2014, 15, 237.	1.2	41
20	Phase Variation in Plant-Associated Pseudomonads. , 2014, , 55-79.		1
21	Identification of flgZ as a Flagellar Gene Encoding a PilZ Domain Protein That Regulates Swimming Motility and Biofilm Formation in Pseudomonas. PLoS ONE, 2014, 9, e87608.	1.1	61
22	Genome sequence reveals that Pseudomonas fluorescens F113 possesses a large and diverse array of systems for rhizosphere function and host interaction. BMC Genomics, 2013, 14, 54.	1.2	78
23	Plant flavonoids target <i><scp>P</scp>seudomonas syringae</i> pv. tomato <scp>DC</scp>3000 flagella and type <scp>III</scp> secretion system. Environmental Microbiology Reports, 2013, 5, 841-850.	1.0	71
24	Genome Sequence of the Biocontrol Strain Pseudomonas fluorescens F113. Journal of Bacteriology, 2012, 194, 1273-1274.	1.0	69
25	The Gac-Rsm and SadB Signal Transduction Pathways Converge on AlgU to Downregulate Motility in Pseudomonas fluorescens. PLoS ONE, 2012, 7, e31765.	1.1	63
26	Pseudomonas fluorescens F113 Mutant with Enhanced Competitive Colonization Ability and Improved Biocontrol Activity against Fungal Root Pathogens. Applied and Environmental Microbiology, 2011, 77, 5412-5419.	1.4	113
27	Life cycle as a stable trait in the evaluation of diversity of Nostoc from biofilms in rivers. FEMS Microbiology Ecology, 2011, 76, 185-198.	1.3	27
28	Efficient rhizosphere colonization by <i>Pseudomonas fluorescens</i> f113 mutants unable to form biofilms on abiotic surfaces. Environmental Microbiology, 2010, 12, 3185-3195.	1.8	74
29	Three independent signalling pathways repress motility in <i>Pseudomonas fluorescens</i> F113. Microbial Biotechnology, 2009, 2, 489-498.	2.0	44
30	Gene<i>SMb21071</i>of plasmid pSymB is required for osmoadaptation of<i>Sinorhizobium meliloti</i>1021 and is implicated in modifications of cell surface polysaccharides structure in response to hyperosmotic stress. Canadian Journal of Microbiology, 2009, 55, 1145-1152.	0.8	2
31	Transcriptional Organization of the Region Encoding the Synthesis of the Flagellar Filament in <i>Pseudomonas fluorescens</i>. Journal of Bacteriology, 2008, 190, 4106-4109.	1.0	14
32	The introduction of genetically modified microorganisms designed for rhizoremediation induces changes on native bacteria in the rhizosphere but not in the surrounding soil. ISME Journal, 2007, 1, 215-223.	4.4	38
33	The introduction of genetically modified microorganisms designed for rhizoremediation induces changes on native bacteria in the rhizosphere but not in the surrounding soil. ISME Journal, 2007, 1, 215-223.	4.4	53
34	Changes in Bacterial Populations and in Biphenyl Dioxygenase Gene Diversity in a Polychlorinated Biphenyl-Polluted Soil after Introduction of Willow Trees for Rhizoremediation. Applied and Environmental Microbiology, 2007, 73, 6224-6232.	1.4	63
35	Rhizosphere Selection of Highly Motile Phenotypic Variants of Pseudomonas fluorescens with Enhanced Competitive Colonization Ability. Applied and Environmental Microbiology, 2006, 72, 3429-3434.	1.4	78
36	Nitrogenase Inhibition in Nodules from Pea Plants Grown Under Salt Stress Occurs at the Physiological Level and can be Alleviated by B and Ca. Plant and Soil, 2006, 280, 135-142.	1.8	36

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37	Polychlorinated Biphenyl Rhizoremediation by Pseudomonas fluorescens F113 Derivatives, Using a Sinorhizobium meliloti nod System To Drive bph Gene Expression. Applied and Environmental Microbiology, 2005, 71, 2687-2694.	1.4	146
38	Two site-specific recombinases are implicated in phenotypic variation and competitive rhizosphere colonization in Pseudomonas fluorescens. Microbiology (United Kingdom), 2005, 151, 975-983.	0.7	65
39	Analysis of Pseudomonas fluorescens F113 genes implicated in flagellar filament synthesis and their role in competitive root colonization. Microbiology (United Kingdom), 2004, 150, 3889-3897.	0.7	129
40	Title is missing!. Plant and Soil, 2003, 251, 47-54.	1.8	81
41	Phenotypic Selection and Phase Variation Occur during Alfalfa Root Colonization by Pseudomonas fluorescens F113. Journal of Bacteriology, 2002, 184, 1587-1596.	1.0	134
42	MucR and MucS Activate exp Genes Transcription and Galactoglucan Production in Sinorhizobium meliloti EFB1. Molecular Plant-Microbe Interactions, 2002, 15, 54-59.	1.4	6
43	MucR Is Necessary for Galactoglucan Production in Sinorhizobium meliloti EFB1. Molecular Plant-Microbe Interactions, 2000, 13, 129-135.	1.4	14
44	PCR Use of Highly Conserved DNA Regions for Identification of Sinorhizobium meliloti. Applied and Environmental Microbiology, 2000, 66, 3621-3623.	1.4	11
45	Antisense-mediated depletion of potato leaf omega3 fatty acid desaturase lowers linolenic acid content and reduces gene activation in response to wounding. FEBS Journal, 1999, 262, 283-290.	0.2	28
46	A Polycomb-group gene regulates homeotic gene expression in Arabidopsis. Nature, 1997, 386, 44-51.	13.7	760
47	Ds elements on all five Arabidopsis chromosomes and assessment of their utility for transposon tagging. Plant Journal, 1997, 11, 145-148.	2.8	42
48	Analysis of the frequency of inheritance of transposed Ds elements in Arabidopsis after activation by a CaMV 35S promoter fusion to the Ac transposase gene. Molecular Genetics and Genomics, 1993, 241-241, 627-636.	2.4	31
49	The maize transposable element system Ac/Ds as a mutagen in Arabidopsis: identification of an albino mutation induced by Ds insertion.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 10370-10374.	3.3	129
50	Identification and localization of a nucleolin homologue in onion nucleoli. Experimental Cell Research, 1992, 199, 74-84.	1.2	38
51	Further investigations on the functional role of two nuclear bodies in onion cells. Protoplasma, 1992, 167, 175-182.	1.0	9
52	Implications for the Function-Structure Relationship in the Nucleolus After Immunolocalization of DNA in Onion Cells. , 1990, , 231-235.		4
53	Immunolocalization of DNA at nucleolar structural components in onion cells. Chromosoma, 1989, 98, 368-377.	1.0	54
54	Interchromatin granules in plant nuclei. Biology of the Cell, 1989, 67, 331-339.	0.7	14

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55	Interchromatin granules in plant nuclei. Biology of the Cell, 1989, 67, 331-339.	0.7	4