

Alessio Mengoni

List of Publications by Year in descending order

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183
papers

6,495
citations

57758

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207
docs citations

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times ranked

7201
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitroimidazole-Based Ruthenium(II) Complexes: Playing with Structural Parameters to Design Photostable and Light-Responsive Antibacterial Agents. <i>Inorganic Chemistry</i> , 2022, 61, 6689-6694.	4.0	20
2	DNA Methylation in <i>Ensifer</i> Species during Free-Living Growth and during Nitrogen-Fixing Symbiosis with <i>Medicago</i> spp.. <i>MSystems</i> , 2022, 7, e0109221.	3.8	7
3	A Meta-Analysis Approach to Defining the Culturable Core of Plant Endophytic Bacterial Communities. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0253721.	3.1	24
4	Pervasive RNA Regulation of Metabolism Enhances the Root Colonization Ability of Nitrogen-Fixing Symbiotic $\hat{\pm}$ -Rhizobia. <i>MBio</i> , 2022, 13, e0357621.	4.1	7
5	Scent of a Symbiont: The Personalized Genetic Relationships of <i>Rhizobium</i> –Plant Interaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3358.	4.1	6
6	Differential Response of Wheat Rhizosphere Bacterial Community to Plant Variety and Fertilization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3616.	4.1	7
7	Taxonomy of Rhizobiaceae revisited: proposal of a new framework for genus delimitation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	125
8	Microbial Genetics and Evolution. <i>Microorganisms</i> , 2022, 10, 1274.	3.6	0
9	Synthetic plant microbiota challenges in nonmodel species. <i>Trends in Microbiology</i> , 2022, 30, 922-924.	7.7	9
10	Metagenomic Assembly: Reconstructing Genomes from Metagenomes. <i>Methods in Molecular Biology</i> , 2021, 2242, 139-152.	0.9	1
11	Medicinal Plants and Their Bacterial Microbiota: A Review on Antimicrobial Compounds Production for Plant and Human Health. <i>Pathogens</i> , 2021, 10, 106.	2.8	38
12	Nonadditive Transcriptomic Signatures of Genotype-by-Genotype Interactions during the Initiation of Plant-Rhizobium Symbiosis. <i>MSystems</i> , 2021, 6, .	3.8	26
13	Legume tasters: symbiotic rhizobia host preference and smart inoculant formulations. <i>Biological Communications</i> , 2021, 66, .	0.8	4
14	Alfalfa for a Sustainable Ovine Farming System: Proposed Research for a New Feeding Strategy Based on Alfalfa and Ecological Leftovers in Drought Conditions. <i>Sustainability</i> , 2021, 13, 3880.	3.2	5
15	Defining the resilience of the human salivary microbiota by a 520-day longitudinal study in a confined environment: the Mars500 mission. <i>Microbiome</i> , 2021, 9, 152.	11.1	5
16	Exploring the potential of highly charged Ru(II)- and heteronuclear Ru(II)/Cu(II)-polypyridyl complexes as antimicrobial agents. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111467.	3.5	20
17	Competitiveness for Nodule Colonization in <i>Sinorhizobium meliloti</i> : Combined <i>In Vitro</i> -Tagged Strain Competition and Genome-Wide Association Analysis. <i>MSystems</i> , 2021, 6, e0055021.	3.8	7
18	Endophytes from African Rice (<i>Oryza glaberrima</i> L.) Efficiently Colonize Asian Rice (<i>Oryza sativa</i> L.) Stimulating the Activity of Its Antioxidant Enzymes and Increasing the Content of Nitrogen, Carbon, and Chlorophyll. <i>Microorganisms</i> , 2021, 9, 1714.	3.6	8

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19	Lung and Gut Microbiota Changes Associated with <i>Pseudomonas aeruginosa</i> Infection in Mouse Models of Cystic Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12169.	4.1	7
20	Volatile profile of <i>Echinacea purpurea</i> plants after <i>in vitro</i> endophyte infection. <i>Natural Product Research</i> , 2020, 34, 2232-2237.	1.8	14
21	Promoting Model Systems of Microbiota-Medicinal Plant Interactions. <i>Trends in Plant Science</i> , 2020, 25, 223-225.	8.8	20
22	Untargeted Metagenomic Investigation of the Airway Microbiome of Cystic Fibrosis Patients with Moderate-Severe Lung Disease. <i>Microorganisms</i> , 2020, 8, 1003.	3.6	23
23	Multifunctional nanoassemblies target bacterial lipopolysaccharides for enhanced antimicrobial DNA delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111266.	5.0	3
24	Exploring the resident gut microbiota of stranded odontocetes: high similarities between two dolphin species <i>Tursiops truncatus</i> and <i>Stenella coeruleoalba</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 1181-1188.	0.8	1
25	Metal-Resistance in Bacteria: Why Care?. <i>Genes</i> , 2020, 11, 1470.	2.4	10
26	To the Land and Beyond: Crab Microbiomes as a Paradigm for the Evolution of Terrestrialization. <i>Frontiers in Microbiology</i> , 2020, 11, 575372.	3.5	9
27	Proposed Research for Innovative Solutions for Chickpeas and Beans in a Climate Change Scenario: The Mediterranean Basin. <i>Sustainability</i> , 2020, 12, 1315.	3.2	5
28	Comparative genomics and pangenome-oriented studies reveal high homogeneity of the agronomically relevant enterobacterial plant pathogen <i>Dickeya solani</i> . <i>BMC Genomics</i> , 2020, 21, 449.	2.8	16
29	The metabolic shift in highly and weakly virulent <i>Dickeya solani</i> strains is more affected by temperature than by mutations in genes encoding global virulence regulators. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	2
30	The Cultivable Bacterial Microbiota Associated to the Medicinal Plant <i>Origanum vulgare</i> L.: From Antibiotic Resistance to Growth-Inhibitory Properties. <i>Frontiers in Microbiology</i> , 2020, 11, 862.	3.5	19
31	Significant and Conflicting Correlation of IL-9 With <i>Prevotella</i> and <i>Bacteroides</i> in Human Colorectal Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 573158.	4.8	37
32	Genome-scale metabolic reconstruction of the symbiosis between a leguminous plant and a nitrogen-fixing bacterium. <i>Nature Communications</i> , 2020, 11, 2574.	12.8	56
33	Symbiotic and Nonsymbiotic Members of the Genus <i>Ensifer</i> (syn. <i>Sinorhizobium</i>) Are Separated into Two Clades Based on Comparative Genomics and High-Throughput Phenotyping. <i>Genome Biology and Evolution</i> , 2020, 12, 2521-2534.	2.5	30
34	Deciphering the Ecology of Cystic Fibrosis Bacterial Communities: Towards Systems-Level Integration. <i>Trends in Molecular Medicine</i> , 2019, 25, 1110-1122.	6.7	47
35	The influence of <i>Echinacea purpurea</i> leaf microbiota on chicoric acid level. <i>Scientific Reports</i> , 2019, 9, 10897.	3.3	24
36	Tissue specificity and differential effects on <i>in vitro</i> plant growth of single bacterial endophytes isolated from the roots, leaves and rhizospheric soil of <i>Echinacea purpurea</i> . <i>BMC Plant Biology</i> , 2019, 19, 284.	3.6	36

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37	Microbial community composition of water samples stored inside the International Space Station. <i>Research in Microbiology</i> , 2019, 170, 230-234.	2.1	8
38	Exploring the links between bacterial communities and magnetic susceptibility in bulk soil and rhizosphere of beech (<i>Fagus sylvatica</i> L.). <i>Applied Soil Ecology</i> , 2019, 138, 69-79.	4.3	6
39	Metabolic Modeling of <i>Pectobacterium parmentieri</i> SCC3193 Provides Insights into Metabolic Pathways of Plant Pathogenic Bacteria. <i>Microorganisms</i> , 2019, 7, 101.	3.6	10
40	A Method for the Structure-Based, Genome-Wide Analysis of Bacterial Intergenic Sequences Identifies Shared Compositional and Functional Features. <i>Genes</i> , 2019, 10, 834.	2.4	0
41	Multidisciplinary approaches for studying rhizobium-legume symbioses. <i>Canadian Journal of Microbiology</i> , 2019, 65, 1-33.	1.7	77
42	Chromids Aid Genome Expansion and Functional Diversification in the Family <i>Burkholderiaceae</i> . <i>Molecular Biology and Evolution</i> , 2019, 36, 562-574.	8.9	34
43	Tn-Core: A Toolbox for Integrating Tn-seq Gene Essentiality Data and Constraint-Based Metabolic Modeling. <i>ACS Synthetic Biology</i> , 2019, 8, 158-169.	3.8	15
44	Genomic Diversity and Evolution of Rhizobia. , 2019, , 37-46.		2
45	Antimicrobial activity of six essential oils against <i>Burkholderia cepacia</i> complex: insights into mechanism(s) of action. <i>Future Microbiology</i> , 2018, 13, 59-67.	2.0	9
46	Omics approaches on fresh-cut lettuce reveal global molecular responses to sodium hypochlorite and peracetic acid treatment. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 737-750.	3.5	6
47	Template-Assisted Metabolic Reconstruction and Assembly of Hybrid Bacterial Models. <i>Methods in Molecular Biology</i> , 2018, 1716, 177-196.	0.9	2
48	Harnessing Rhizobia to Improve Heavy-Metal Phytoremediation by Legumes. <i>Genes</i> , 2018, 9, 542.	2.4	72
49	Whole-genome epidemiology, characterisation, and phylogenetic reconstruction of <i>Staphylococcus aureus</i> strains in a paediatric hospital. <i>Genome Medicine</i> , 2018, 10, 82.	8.2	54
50	Comparison of Highly and Weakly Virulent <i>Dickeya solani</i> Strains, With a View on the Pangenome and Panregulon of This Species. <i>Frontiers in Microbiology</i> , 2018, 9, 1940.	3.5	50
51	High genomic variability in the plant pathogenic bacterium <i>Pectobacterium parmentieri</i> deciphered from de novo assembled complete genomes. <i>BMC Genomics</i> , 2018, 19, 751.	2.8	28
52	Spatial structuring of bacterial communities in epilithic biofilms in the Acquarossa river (Italy). <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	15
53	Creation and Characterization of a Genomically Hybrid Strain in the Nitrogen-Fixing Symbiotic Bacterium <i>Sinorhizobium meliloti</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2365-2378.	3.8	24
54	Robustness encoded across essential and accessory replicons of the ecologically versatile bacterium <i>Sinorhizobium meliloti</i> . <i>PLoS Genetics</i> , 2018, 14, e1007357.	3.5	49

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55	Genomic and Biotechnological Characterization of the Heavy-Metal Resistant, Arsenic-Oxidizing Bacterium <i>Ensifer</i> sp. M14. <i>Genes</i> , 2018, 9, 379.	2.4	25
56	P072 Taxonomic and functional microbial signatures of cystic fibrosis lung disease. <i>Journal of Cystic Fibrosis</i> , 2018, 17, S79.	0.7	0
57	Furnishing spaceship environment: evaluation of bacterial biofilms on different materials used inside International Space Station. <i>Research in Microbiology</i> , 2018, 169, 289-295.	2.1	19
58	Applying predictive models to decipher rhizobacterial modifications in common reed die-back affected populations. <i>Science of the Total Environment</i> , 2018, 642, 708-722.	8.0	14
59	Antagonism and antibiotic resistance drive a species-specific plant microbiota differentiation in <i>Echinacea</i> spp. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	19
60	Exploiting Nitrogen-Fixing Rhizobial Symbionts Genetic Resources for Improving Phytoremediation of Contaminated Soils. , 2017, , 275-288.		22
61	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2788-2797.	5.8	47
62	Preliminary data on antibacterial activity of <i>Echinacea purpurea</i> -associated bacterial communities against <i>Burkholderia cepacia</i> complex strains, opportunistic pathogens of Cystic Fibrosis patients. <i>Microbiological Research</i> , 2017, 196, 34-43.	5.3	35
63	Diet and gut microbiota of two supralittoral amphipods <i>Orchestia montagui</i> and <i>Talitrus saltator</i> living in different microhabitats. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 197, 119-125.	2.1	6
64	Plant-endophytes interaction influences the secondary metabolism in <i>Echinacea purpurea</i> (L.) Moench: an in vitro model. <i>Scientific Reports</i> , 2017, 7, 16924.	3.3	74
65	New Genome Sequence of an <i>Echinacea purpurea</i> Endophyte, <i>Arthrobacter</i> sp. Strain EpSL27, Able To Inhibit Human-Opportunistic Pathogens. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
66	Exploring the bacterial gut microbiota of supralittoral talitrid amphipods. <i>Research in Microbiology</i> , 2017, 168, 74-84.	2.1	13
67	Is the plant-associated microbiota of <i>Thymus</i> spp. adapted to plant essential oil?. <i>Research in Microbiology</i> , 2017, 168, 276-282.	2.1	35
68	Phenotypic and genomic characterization of the antimicrobial producer <i>Rheinheimera</i> sp. EpRS3 isolated from the medicinal plant <i>Echinacea purpurea</i> : insights into its biotechnological relevance. <i>Research in Microbiology</i> , 2017, 168, 293-305.	2.1	39
69	Role and Regulation of ACC Deaminase Gene in <i>Sinorhizobium meliloti</i> : Is It a Symbiotic, Rhizospheric or Endophytic Gene?. <i>Frontiers in Genetics</i> , 2017, 8, 6.	2.3	29
70	Perspectives and Challenges in Microbial Communities Metabolic Modeling. <i>Frontiers in Genetics</i> , 2017, 8, 88.	2.3	36
71	Trade, Diplomacy, and Warfare: The Quest for Elite Rhizobia Inoculant Strains. <i>Frontiers in Microbiology</i> , 2017, 8, 2207.	3.5	67
72	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain Ep R1 Isolated from <i>Echinacea purpurea</i> Roots and Effective in the Growth Inhibition of Human Opportunistic Pathogens Belonging to the <i>Burkholderia cepacia</i> Complex. <i>Genome Announcements</i> , 2017, 5, .	0.8	4

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73	Subfunctionalization influences the expansion of bacterial multidrug antibiotic resistance. <i>BMC Genomics</i> , 2017, 18, 834.	2.8	5
74	A Different Microbiome Gene Repertoire in the Airways of Cystic Fibrosis Patients with Severe Lung Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1654.	4.1	39
75	Exploring the Effect of the Composition of Three Different Oregano Essential Oils on the Growth of Multidrug-Resistant Cystic Fibrosis <i>Pseudomonas aeruginosa</i> Strains. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	2
76	Preliminary Comparison of Oral and Intestinal Human Microbiota in Patients with Colorectal Cancer: A Pilot Study. <i>Frontiers in Microbiology</i> , 2017, 8, 2699.	3.5	93
77	Essential Oil from <i>Origanum vulgare</i> Completely Inhibits the Growth of Multidrug-Resistant Cystic Fibrosis Pathogens. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	8
78	A First Insight into the Gut Microbiota of the Sea Turtle <i>Caretta caretta</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1060.	3.5	69
79	<i>Arthrobacter</i> sp. EpRS66 and <i>Arthrobacter</i> sp. EpRS71: Draft Genome Sequences from Two Bacteria Isolated from <i>Echinacea purpurea</i> Rhizospheric Soil. <i>Frontiers in Microbiology</i> , 2016, 7, 1417.	3.5	3
80	Mixed Nodule Infection in <i>Sinorhizobium meliloti</i> – <i>Medicago sativa</i> Symbiosis Suggest the Presence of Cheating Behavior. <i>Frontiers in Plant Science</i> , 2016, 7, 835.	3.6	54
81	Antagonistic interactions between endophytic cultivable bacterial communities isolated from the medicinal plant <i>Echinacea purpurea</i> . <i>Environmental Microbiology</i> , 2016, 18, 2357-2365.	3.8	43
82	Metabolic modelling reveals the specialization of secondary replicons for niche adaptation in <i>Sinorhizobium meliloti</i> . <i>Nature Communications</i> , 2016, 7, 12219.	12.8	85
83	Draft Genome Sequence of <i>Pseudomonas</i> sp. EpS/L25, Isolated from the Medicinal Plant <i>Echinacea purpurea</i> and Able To Synthesize Antimicrobial Compounds. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
84	Draft genome sequence and overview of the purple non sulfur bacterium <i>Rhodopseudomonas palustris</i> 42OL. <i>Standards in Genomic Sciences</i> , 2016, 11, 24.	1.5	12
85	Bacterial community and proteome analysis of fresh-cut lettuce as affected by packaging. <i>FEMS Microbiology Letters</i> , 2016, 363, fnv209.	1.8	10
86	Effect of the plant flavonoid luteolin on <i>Ensifer meliloti</i> 3001 phenotypic responses. <i>Plant and Soil</i> , 2016, 399, 159-178.	3.7	14
87	Pyrosequencing Unveils Cystic Fibrosis Lung Microbiome Differences Associated with a Severe Lung Function Decline. <i>PLoS ONE</i> , 2016, 11, e0156807.	2.5	29
88	Evaluation of the Performances of Ribosomal Database Project (RDP) Classifier for Taxonomic Assignment of 16S rRNA Metabarcoding Sequences Generated from Illumina-Solexa NGS. <i>Journal of Genomics</i> , 2015, 3, 36-39.	0.9	59
89	Changes in Cystic Fibrosis Airway Microbial Community Associated with a Severe Decline in Lung Function. <i>PLoS ONE</i> , 2015, 10, e0124348.	2.5	59
90	Evolution of Intra-specific Regulatory Networks in a Multipartite Bacterial Genome. <i>PLoS Computational Biology</i> , 2015, 11, e1004478.	3.2	50

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91	Draft Genome Sequence of a Highly Virulent Strain of the Plant Pathogen <i>Dickeya solani</i> , IFB0099. <i>Genome Announcements</i> , 2015, 3, .	0.8	22
92	Bacterial Pangenomics. <i>Methods in Molecular Biology</i> , 2015, 1231, v-vi.	0.9	5
93	Exploring the dynamics of bacterial community composition in soil: the pan-bacteriome approach. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 785-797.	1.7	8
94	Genomes analysis and bacteria identification: The use of overlapping genes as molecular markers. <i>Journal of Microbiological Methods</i> , 2015, 117, 108-112.	1.6	9
95	Cell Cycle Control by the Master Regulator CtrA in <i>Sinorhizobium meliloti</i> . <i>PLoS Genetics</i> , 2015, 11, e1005232.	3.5	105
96	Antimicrobial activity of <i>Pseudoalteromonas</i> strains isolated from the Ross Sea (Antarctica) versus Cystic Fibrosis opportunistic pathogens. <i>Hydrobiologia</i> , 2015, 761, 443-457.	2.0	17
97	Composition of supralittoral sediments bacterial communities in a Mediterranean island. <i>Annals of Microbiology</i> , 2015, 65, 1-13.	2.6	15
98	Advances in Host Plant and Rhizobium Genomics to Enhance Symbiotic Nitrogen Fixation in Grain Legumes. <i>Advances in Agronomy</i> , 2015, , 1-116.	5.2	73
99	Mapping Contigs Using CONTIGuator. <i>Methods in Molecular Biology</i> , 2015, 1231, 163-176.	0.9	19
100	From Pangenome to Panphenome and Back. <i>Methods in Molecular Biology</i> , 2015, 1231, 257-270.	0.9	4
101	The Integrated Microbial Genome Resource of Analysis. <i>Methods in Molecular Biology</i> , 2015, 1231, 289-295.	0.9	7
102	Exploring the Anti- <i>Burkholderia cepacia</i> Complex Activity of Essential Oils: A Preliminary Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-10.	1.2	27
103	Linking Bacterial Endophytic Communities to Essential Oils: Clues from <i>Lavandula angustifolia</i> Mill. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-16.	1.2	23
104	StreamingTrim 1.0: a Java software for dynamic trimming of 16S rRNA sequence data from metagenetic studies. <i>Molecular Ecology Resources</i> , 2014, 14, 426-434.	4.8	44
105	Soil Bacterial Community Response to Differences in Agricultural Management along with Seasonal Changes in a Mediterranean Region. <i>PLoS ONE</i> , 2014, 9, e105515.	2.5	89
106	Molecular phylogeny of the nickel-resistance gene <i>nreB</i> and functional role in the nickel sensitive symbiotic nitrogen fixing bacterium <i>Sinorhizobium meliloti</i> . <i>Plant and Soil</i> , 2014, 377, 189-201.	3.7	12
107	The capability to synthesize phytochelatin and the presence of constitutive and functional phytochelatin synthases are ancestral (plesiomorphic) characters for basal land plants. <i>Journal of Experimental Botany</i> , 2014, 65, 1153-1163.	4.8	45
108	Antibiotic resistance differentiates <i>Echinacea purpurea</i> endophytic bacterial communities with respect to plant organs. <i>Research in Microbiology</i> , 2014, 165, 686-694.	2.1	50

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109	Biogeography of <i>Sinorhizobium meliloti</i> nodulating alfalfa in different Croatian regions. <i>Research in Microbiology</i> , 2014, 165, 508-516.	2.1	12
110	Rhizosphere effect and salinity competing to shape microbial communities in <i>Phragmites australis</i> (Cav.) Trin. ex-Steud. <i>FEMS Microbiology Letters</i> , 2014, 359, 193-200.	1.8	41
111	Low genetic diversity and contrasting patterns of differentiation in the two monotypic genera <i>Halacsya</i> and <i>Paramoltkia</i> (Boraginaceae) endemic to the Balkan serpentines. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 5-14.	1.2	27
112	DuctApe: A suite for the analysis and correlation of genomic and OmniLogâ„¢ Phenotype Microarray data. <i>Genomics</i> , 2014, 103, 1-10.	2.9	73
113	ITS-polymorphism of salt-tolerant and salt-sensitive native isolates of <i>Sinorhizobium meliloti</i> -symbionts of alfalfa, clover and fenugreek plants. <i>Russian Journal of Genetics</i> , 2014, 50, 348-359.	0.6	8
114	Endophytic and rhizospheric bacterial communities isolated from the medicinal plants <i>Echinacea purpurea</i> and <i>Echinacea angustifolia</i> . <i>International Microbiology</i> , 2014, 17, 165-74.	2.4	46
115	Exploring the pattern of phenotypic and genetic polymorphism in the arsenic hyperaccumulator <i>Pteris vittata</i> L. (Chinese brake fern). <i>Plant and Soil</i> , 2013, 373, 471-483.	3.7	2
116	The <i>DivK</i> , <i>CbrA</i> and <i>PleC</i> system controls <i>DivK</i> phosphorylation and symbiosis in <i>Sinorhizobium meliloti</i> . <i>Molecular Microbiology</i> , 2013, 90, 54-71.	2.5	68
117	High genetic diversity and variability of bacterial communities associated with the sandhopper <i>Talitrus saltator</i> (Montagu) (Crustacea, Amphipoda). <i>Estuarine, Coastal and Shelf Science</i> , 2013, 131, 75-82.	2.1	12
118	Genomics for the environment: the hidden power of bacteria. <i>Current Opinion in Biotechnology</i> , 2013, 24, S26.	6.6	0
119	Bioactive volatile organic compounds from Antarctic (sponges) bacteria. <i>New Biotechnology</i> , 2013, 30, 824-838.	4.4	62
120	Replicon-Dependent Bacterial Genome Evolution: The Case of <i>Sinorhizobium meliloti</i> . <i>Genome Biology and Evolution</i> , 2013, 5, 542-558.	2.5	94
121	Permanent draft genome sequences of the symbiotic nitrogen fixing <i>Ensifer meliloti</i> strains BO21CC and AK58. <i>Standards in Genomic Sciences</i> , 2013, 9, 352-333.	1.5	7
122	Genomic and Functional Diversity of the <i>Sinorhizobial</i> Model Group. <i>Soil Biology</i> , 2013, , 69-85.	0.8	2
123	Exploiting symbiotic genomes for the enhancement of legume productivity. <i>Journal of Biotechnology</i> , 2012, 161, 10.	3.8	0
124	Distribution patterns of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in sediments of the Xiangjiang River, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 7083-7092.	2.7	15
125	Contrasting patterns of genetic divergence in two sympatric pseudo-metallophytes: <i>Rumex acetosa</i> L. and <i>Commelina communis</i> L.. <i>BMC Evolutionary Biology</i> , 2012, 12, 84.	3.2	13
126	Exploring the plant-associated bacterial communities in <i>Medicago sativa</i> L. <i>BMC Microbiology</i> , 2012, 12, 78.	3.3	50

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127	Appraisal of the crop-rotation effect of rhizobial inoculation on potato cropping systems in relation to soil bacterial communities. <i>Soil Biology and Biochemistry</i> , 2012, 54, 1-6.	8.8	54
128	Nickel Hyperaccumulating Plants and <i>Alyssum bertolonii</i> : Model Systems for Studying Biogeochemical Interactions in Serpentine Soils. <i>Soil Biology</i> , 2012, , 279-296.	0.8	6
129	IL-18 gene promoter polymorphisms are only moderately associated with periodontal disease in Italian population. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2012, 9, 153-6.	1.0	6
130	Effects of soil management on structure and activity of denitrifying bacterial communities. <i>Applied Soil Ecology</i> , 2011, 49, 46-58.	4.3	39
131	Plant-Bacteria Association and Symbiosis: Are There Common Genomic Traits in Alphaproteobacteria?. <i>Genes</i> , 2011, 2, 1017-1032.	2.4	78
132	Effect of on-field inoculation of <i>Phaseolus vulgaris</i> with rhizobia on soil bacterial communities. <i>FEMS Microbiology Ecology</i> , 2011, 77, 211-222.	2.7	69
133	VDR TaqI polymorphism is associated with chronic periodontitis in Italian population. <i>Archives of Oral Biology</i> , 2011, 56, 1494-1498.	1.8	20
134	CONTIGuator: a bacterial genomes finishing tool for structural insights on draft genomes. <i>Source Code for Biology and Medicine</i> , 2011, 6, 11.	1.7	266
135	Exploring the symbiotic pangenome of the nitrogen-fixing bacterium <i>Sinorhizobium meliloti</i> . <i>BMC Genomics</i> , 2011, 12, 235.	2.8	97
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