Ernesto OrmeÃ±o-Orrillo

List of Publications by Year
in descending order

62 papers	3,418 citations	134610 34 h-index	169272 56 g-index
66 all docs	66 docs citations	66 times ranked	3167 citing authors

#	Article	IF	Citations
1	Diversidad de rizobios y fijaciÃ³n biolÃ³gica de nitrÃ³geno en aislados de Clitoria brachystegia, en remanentes de bosque seco tropical de Ecuador y PerÃº. Revista Mexicana De Biodiversidad, 2021, 92, 923426.	0.4	0
2	Identification of the symbiosis island of Bradyrhizobium paxllaeri LMTR 21T. Brazilian Journal of Microbiology, 2020, 51, 527-529.	0.8	1
3	A Genomotaxonomy View of the Bradyrhizobium Genus. Frontiers in Microbiology, 2019, 10, 1334.	1.5	104
4	Nodule bacteria from the cultured legume Phaseolus dumosus (belonging to the Phaseolus vulgaris) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 distinctive phylogenomic position and chromid. Systematic and Applied Microbiology, 2019, 42, 373-382.	1.2	10
5	The Type VI secretion system of Rhizobium etli Mim1 has a positive effect in symbiosis. FEMS Microbiology Ecology, 2019, 95, .	1.3	35
6	La diversidad de rizobios nativos de MÃ©xico a la luz de la genÃ³mica. Revista Mexicana De Biodiversidad, 2019, 90, .	0.4	2
7	Complete Genome Sequence of the Symbiotic Strain Bradyrhizobium icense LMTR 13 T , Isolated from Lima Bean (Phaseolus lunatus) in Peru. Genome Announcements, 2018, 6, .	0.8	3
8	Draft Genome Sequence of Rhizobium sophoriradicis H4, a Nitrogen-Fixing Bacterium Associated with the Leguminous Plant Phaseolus vulgaris on the Coast of Peru. Genome Announcements, 2018, 6, .	0.8	7
9	Nitrogen Fixation in Cereals. Frontiers in Microbiology, 2018, 9, 1794.	1.5	180
10	Genome Sequence of the Symbiotic Type Strain Rhizobium tibeticum CCBAU85039 T. Genome Announcements, 2017, 5, .	0.8	2
11	Complete Genome Sequences of Three Rhizobium gallicum Symbionts Associated with Common Bean (Phaseolus vulgaris). Genome Announcements, 2017, 5, .	0.8	18
12	Candidatus Dactylopiibacterium carminicum, a Nitrogen-Fixing Symbiont of Dactylopius Cochineal Insects (Hemiptera: Coccoidea: Dactylopiidae). Genome Biology and Evolution, 2017, 9, 2237-2250.	1.1	19
13	Draft genome sequence of Bradyrhizobium paxllaeri LMTR 21 T isolated from Lima bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Over	1.3	4
14	Complete Genome Sequences of Eight Rhizobium Symbionts Associated with Common Bean (Phaseolus vulgaris). Genome Announcements, 2017, 5, .	0.8	20
15	Genome sequence of Bradyrhizobium sp. LMTR 3, a diazotrophic symbiont of Lima bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Over	1.3	3
16	Genome of Rhizobium leucaenae strains CFN 299T and CPAO 29.8: searching for genes related to a successful symbiotic performance under stressful conditions. BMC Genomics, 2016, 17, 534.	1.2	13
17	Complete Genome Sequence of Bradyrhizobium sp. Strain CCGE-LA001, Isolated from Field Nodules of the Enigmatic Wild Bean Phaseolus microcarpus. Genome Announcements, 2016, 4, .	0.8	18
18	Genomes of Candidatus Wolbachia bourtzisii wDacA and Candidatus Wolbachia pipientis wDacB from the Cochineal Insect Dactylopius coccus (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (D	1.2	21

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19	A response to Lindsey et al. â€œ Wolbachia pipientis should not be split into multiple species: A response to RamÃrez-Puebla et al.â€• Systematic and Applied Microbiology, 2016, 39, 223-225.	1.2	9
20	Rhizobium favelukesii sp. nov., isolated from the root nodules of alfalfa (Medicago sativa L). International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4451-4457.	0.8	27
21	Taxonomy of rhizobia and agrobacteria from the Rhizobiaceae family in light of genomics. Systematic and Applied Microbiology, 2015, 38, 287-291.	1.2	141
22	Species in Wolbachia? Proposal for the designation of â€˜Candidatus Wolbachia bourtzisiiâ€™, â€˜Candidatus Wolbachia onchocercicolaâ€™, â€˜Candidatus Wolbachia blaxteriâ€™, â€˜Candidatus Wolbachia brugiiâ€™, â€˜Candidatus Wolbachia taylooriâ€™, â€˜Candidatus Wolbachia collembolicolaâ€™ and â€˜Candidatus Wolbachia multihospitumâ€™ for the different species within Wolbachia supergroups. Systematic and Applied Microbiology, 2015, 38, 390-399.	1.2	82
23	Rhizobium ecuadorense sp. nov., an indigenous N2-fixing symbiont of the Ecuadorian common bean (Phaseolus vulgaris L.) genetic pool. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3162-3169.	0.8	61
24	Bradyrhizobium viridifuturi sp. nov., encompassing nitrogen-fixing symbionts of legumes used for green manure and environmental services. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4441-4448.	0.8	43
25	Bradyrhizobium tropiciagri sp. nov. and Bradyrhizobium embrapense sp. nov., nitrogen-fixing symbionts of tropical forage legumes. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4424-4433.	0.8	72
26	Characterization of Rhizobium grahamii extrachromosomal replicons and their transfer among rhizobia. BMC Microbiology, 2014, 14, 6.	1.3	20
27	Symbiont shift towards Rhizobium nodulation in a group of phylogenetically related Phaseolus species. Molecular Phylogenetics and Evolution, 2014, 79, 1-11.	1.2	20
28	Comparative genomics of Bradyrhizobium japonicum CPAC 15 and Bradyrhizobium diazoefficiens CPAC 7: elite model strains for understanding symbiotic performance with soybean. BMC Genomics, 2014, 15, 420.	1.2	71
29	Genomic basis of symbiovar mimosae in Rhizobium etli. BMC Genomics, 2014, 15, 575.	1.2	49
30	Bradyrhizobium paxllaeri sp. nov. and Bradyrhizobium icense sp. nov., nitrogen-fixing rhizobial symbionts of Lima bean (Phaseolus lunatus L.) in Peru. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2072-2078.	0.8	84
31	Rhizobium paranaense sp. nov., an effective N2-fixing symbiont of common bean (Phaseolus vulgaris L.) with broad geographical distribution in Brazil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3222-3229.	0.8	58
32	ModificaciÃ³n del caldo extracto de levadura manitol para la producciÃ³n a mediana escala de inoculantes para leguminosas. Revista Peruana De Biologia, 2014, 5, .	0.1	0
33	Phylogenetic evidence of the transfer of nodZ and nolL genes from Bradyrhizobium to other rhizobia. Molecular Phylogenetics and Evolution, 2013, 67, 626-630.	1.2	10
34	Gut and Root Microbiota Commonalities. Applied and Environmental Microbiology, 2013, 79, 2-9.	1.4	92
35	Native bradyrhizobia from Los Tuxtlas in Mexico are symbionts of Phaseolus lunatus (Lima bean). Systematic and Applied Microbiology, 2013, 36, 33-38.	1.2	41
36	Polyphasic evidence supporting the reclassification of Bradyrhizobium japonicum group Ia strains as Bradyrhizobium diazoefficiens sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3342-3351.	0.8	256

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37	Rhizobium calliandrae sp. nov., Rhizobium mayense sp. nov. and Rhizobium jaguaris sp. nov., rhizobial species nodulating the medicinal legume Calliandra grandiflora. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3423-3429.	0.8	60
38	Phenotypic tests in Rhizobium species description: An opinion and (a sympatric speciation) hypothesis. Systematic and Applied Microbiology, 2013, 36, 145-147.	1.2	35
39	Dinitrogen-Fixing Prokaryotes. , 2013, , 427-451.		43
40	Novel Rhizobium lineages isolated from root nodules of the common bean (Phaseolus vulgaris L.) in Andean and Mesoamerican areas. Research in Microbiology, 2013, 164, 740-748.	1.0	78
41	Tolerance, growth and degradation of phenanthrene and benzo[a]pyrene by Rhizobium tropici CIAT 899 in liquid culture medium. Applied Soil Ecology, 2013, 63, 105-111.	2.1	53
42	Rhizobium freirei sp. nov., a symbiont of Phaseolus vulgaris that is very effective at fixing nitrogen. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4167-4173.	0.8	91
43	Buffet hypothesis for microbial nutrition at the rhizosphere. Frontiers in Plant Science, 2013, 4, 188.	1.7	28
44	Genome Sequences of Burkholderia sp. Strains CCGE1002 and H160, Isolated from Legume Nodules in Mexico and Brazil. Journal of Bacteriology, 2012, 194, 6927-6927.	1.0	36
45	Genome Sequence of Rhizobium grahamii CCGE502, a Broad-Host-Range Symbiont with Low Nodulation Competitiveness in Phaseolus vulgaris. Journal of Bacteriology, 2012, 194, 6651-6652.	1.0	6
46	Rhizobium etli taxonomy revised with novel genomic data and analyses. Systematic and Applied Microbiology, 2012, 35, 353-358.	1.2	59
47	Reclassification of Rhizobium tropici type A strains as Rhizobium leucaenae sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1179-1184.	0.8	107
48	Rhizobial extrachromosomal replicon variability, stability and expression in natural niches. Plasmid, 2012, 68, 149-158.	0.4	69
49	Rhizobium grahamii sp. nov., from nodules of Dalea leporina, Leucaena leucocephala and Clitoria ternatea, and Rhizobium mesoamericanum sp. nov., from nodules of Phaseolus vulgaris, siratro, cowpea and Mimosa pudica. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2264-2271.	0.8	71
50	Genomic basis of broad host range and environmental adaptability of Rhizobium tropici CIAT 899 and Rhizobium sp. PRF 81 which are used in inoculants for common bean (Phaseolus vulgaris L.). BMC Genomics, 2012, 13, 735.	1.2	118
51	Genome Sequence of Rhizobium sp. Strain CCGE510, a Symbiont Isolated from Nodules of the Endangered Wild Bean Phaseolus albescens. Journal of Bacteriology, 2012, 194, 6310-6311.	1.0	12
52	Molecular characterisation of the diazotrophic bacterial community in uninoculated and inoculated field-grown sugarcane (Saccharum sp.). Plant and Soil, 2012, 356, 83-99.	1.8	105
53	Change in Land Use Alters the Diversity and Composition of Bradyrhizobium Communities and Led to the Introduction of Rhizobium etli into the Tropical Rain Forest of Los Tuxtlas (Mexico). Microbial Ecology, 2012, 63, 822-834.	1.4	38
54	Hydroxylated ornithine lipids increase stress tolerance in Rhizobium tropici CIAT899. Molecular Microbiology, 2011, 79, 1496-1514.	1.2	71

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55	Symbiovars in rhizobia reflect bacterial adaptation to legumes. Systematic and Applied Microbiology, 2011, 34, 96-104.	1.2	224
56	Characterization of Bacillus isolates of potato rhizosphere from andean soils of Peru and their potential PGPR characteristics. Brazilian Journal of Microbiology, 2010, 41, 899-906.	0.8	99
57	Phaseolus vulgaris seed-borne endophytic community with novel bacterial species such as Rhizobium endophyticum sp. nov.. Systematic and Applied Microbiology, 2010, 33, 322-327.	1.2	167
58	Trends in Rhizobial Evolution and Some Taxonomic Remarks. , 2010, , 301-315.		11
59	Mutations in lipopolysaccharide biosynthetic genes impair maize rhizosphere and root colonization of Rhizobium tropici CIAT899. Environmental Microbiology, 2008, 10, 1271-1284.	1.8	40
60	Ensifer mexicanus sp. nov. a new species nodulating Acacia angustissima (Mill.) Kuntze in Mexico. Systematic and Applied Microbiology, 2007, 30, 280-290.	1.2	85
61	Molecular diversity of native bradyrhizobia isolated from Lima bean (Phaseolus lunatus L.) in Peru. Systematic and Applied Microbiology, 2006, 29, 253-262.	1.2	82
62	OptimizaciÃ³n del tiempo de esterilizaciÃ³n de soportes basados en suelo y compost en la producciÃ³n de inoculentes para leguminosas. Revista Peruana De Biologia, 1999, 6, 181-184.	0.1	2