

Encarna Velzquez

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222
papers

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47
h-index

75
g-index

226
ext. papers

9,357
ext. citations

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avg, IF

5.79
L-index

#	Paper	IF	Citations
222	A new species of <i>Devosia</i> that forms a unique nitrogen-fixing root-nodule symbiosis with the aquatic legume <i>Neptunia natans</i> (L.f.) druce. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 5217-22	4.8	234
221	Bacterial Associations with Legumes. <i>Critical Reviews in Plant Sciences</i> , 2015 , 34, 17-42	5.6	224
220	Growth promotion of chickpea and barley by a phosphate solubilizing strain of <i>Mesorhizobium mediterraneum</i> under growth chamber conditions. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 103-110	7.5	222
219	Nodulation of <i>Lupinus albus</i> by strains of <i>Ochrobactrum lupini</i> sp. nov. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 1318-27	4.8	192
218	Historical evolution and current status of the taxonomy of genus <i>Pseudomonas</i> . <i>Infection, Genetics and Evolution</i> , 2009 , 9, 1132-47	4.5	167
217	Description of <i>Devosia neptuniae</i> sp. nov. that nodulates and fixes nitrogen in symbiosis with <i>Neptunia natans</i> , an aquatic legume from India. <i>Systematic and Applied Microbiology</i> , 2003 , 26, 47-53	4.2	145
216	<i>Phyllobacterium trifolii</i> sp. nov., nodulating <i>Trifolium</i> and <i>Lupinus</i> in Spanish soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1985-1989	2.2	126
215	Revision of the taxonomic status of the species <i>Rhizobium leguminosarum</i> (Frank 1879) Frank 1889AL, <i>Rhizobium phaseoli</i> Dangeard 1926AL and <i>Rhizobium trifolii</i> Dangeard 1926AL. <i>R. trifolii</i> is a later synonym of <i>R. leguminosarum</i> . Reclassification of the strain <i>R. leguminosarum</i> DSM 30132 (=NCIMB 11478) as <i>Rhizobium pisi</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2631-2637	2.2	125
214	<i>Rhizobium lusitanum</i> sp. nov., a bacterium that nodulates <i>Phaseolus vulgaris</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2631-2637	2.2	122
213	Phosphate-solubilizing bacteria as inoculants for agriculture: use of updated molecular techniques in their study. <i>Agronomy for Sustainable Development</i> , 2001 , 21, 561-568		122
212	<i>Rhizobium</i> promotes non-legumes growth and quality in several production steps: towards a biofertilization of edible raw vegetables healthy for humans. <i>PLoS ONE</i> , 2012 , 7, e38122	3.7	116
211	The current status on the taxonomy of <i>Pseudomonas</i> revisited: An update. <i>Infection, Genetics and Evolution</i> , 2018 , 57, 106-116	4.5	113
210	<i>Ochrobactrum cytisi</i> sp. nov., isolated from nodules of <i>Cytisus scoparius</i> in Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 784-788	2.2	108
209	<i>Burkholderia</i> spp. are the most competitive symbionts of <i>Mimosa</i> , particularly under N-limited conditions. <i>Environmental Microbiology</i> , 2009 , 11, 762-78	5.2	107
208	<i>Bradyrhizobium pachyrhizi</i> sp. nov. and <i>Bradyrhizobium jicamae</i> sp. nov., isolated from effective nodules of <i>Pachyrhizus erosus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1929-34	2.2	104
207	<i>Bradyrhizobium betae</i> sp. nov., isolated from roots of <i>Beta vulgaris</i> affected by tumour-like deformations. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 1271-1275	2.2	102
206	Differential effects of coinoculations with <i>Pseudomonas jessenii</i> PS06 (a phosphate-solubilizing bacterium) and <i>Mesorhizobium ciceri</i> C-2/2 strains on the growth and seed yield of chickpea under greenhouse and field conditions. <i>Plant and Soil</i> , 2006 , 287, 43-50	4.2	99

205	Herbaspirillum lusitanum sp. nov., a novel nitrogen-fixing bacterium associated with root nodules of Phaseolus vulgaris. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 1979-83 ²	2.2	99
204	Rhizobium cellulase CelC2 is essential for primary symbiotic infection of legume host roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7064-9	11.5	95
203	Biodiversity of populations of phosphate solubilizing rhizobia that nodulates chickpea in different Spanish soils. <i>Plant and Soil</i> , 2006 , 287, 23-33	4.2	94
202	Characterization of xylanolytic bacteria present in the bract phyllosphere of the date palm Phoenix dactylifera. <i>Letters in Applied Microbiology</i> , 2007 , 44, 181-7	2.9	87
201	Strains of Mesorhizobium amorphae and Mesorhizobium tianshanense, carrying symbiotic genes of common chickpea endosymbiotic species, constitute a novel biovar (ciceri) capable of nodulating Cicer arietinum. <i>Letters in Applied Microbiology</i> , 2007 , 44, 412-8	2.9	87
200	Nodulation of Lupinus albus by Strains of Ochrobactrum lupini sp. nov. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 4500-4500	4.8	78
199	A two primers random amplified polymorphic DNA procedure to obtain polymerase chain reaction fingerprints of bacterial species. <i>Electrophoresis</i> , 2001 , 22, 1086-9	3.6	78
198	Rhizobium laguerreae sp. nov. nodulates Vicia faba on several continents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 242-247	2.2	77
197	Plants probiotics as a tool to produce highly functional fruits: the case of phyllobacterium and vitamin C in strawberries. <i>PLoS ONE</i> , 2015 , 10, e0122281	3.7	76
196	Definition of a novel symbiovar (sv. retamae) within Bradyrhizobium retamae sp. nov., nodulating Retama sphaerocarpa and Retama monosperma. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 218-23	4.2	76
195	The beneficial plant growth-promoting association of Rhizobium leguminosarum bv. trifolii with rice roots. <i>Functional Plant Biology</i> , 2001 , 28, 845	2.7	76
194	Xylanimonas cellulositytica gen. nov., sp. nov., a xylanolytic bacterium isolated from a decayed tree (Ulmus nigra). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 99-103	2.2	75
193	MALDI-TOF mass spectrometry is a fast and reliable platform for identification and ecological studies of species from family Rhizobiaceae. <i>PLoS ONE</i> , 2011 , 6, e20223	3.7	72
192	Pseudomonas rhizosphaerae sp. nov., a novel species that actively solubilizes phosphate in vitro. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 2067-72	2.2	71
191	Diversity of Potassium-Solubilizing Microorganisms and Their Interactions with Plants 2016 , 99-110		71
190	Role of Rhizobium endoglucanase CelC2 in cellulose biosynthesis and biofilm formation on plant roots and abiotic surfaces. <i>Microbial Cell Factories</i> , 2012 , 11, 125	6.4	70
189	Reclassification of Pseudomonas aurantiaca as a synonym of Pseudomonas chlororaphis and proposal of three subspecies, P. chlororaphis subsp. chlororaphis subsp. nov., P. chlororaphis subsp. aureofaciens subsp. nov., comb. nov. and P. chlororaphis subsp. aurantiaca subsp. nov., comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1286-1290	2.2	69
188	Genetic diversity of bradyrhizobial populations from diverse geographic origins that nodulate Lupinus spp. and Ornithopus spp. <i>Systematic and Applied Microbiology</i> , 2003 , 26, 611-23	4.2	67

187	Bradyrhizobium cytisi sp. nov., isolated from effective nodules of Cytisus villosus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2922-2927	2.2	64
186	Rhizobium cellulosityticum sp. nov., isolated from sawdust of Populus alba. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 844-848	2.2	64
185	Chickpea rhizobia symbiosis genes are highly conserved across multiple Mesorhizobium species. <i>FEMS Microbiology Ecology</i> , 2008 , 66, 391-400	4.3	63
184	The coexistence of symbiosis and pathogenicity-determining genes in Rhizobium rhizogenes strains enables them to induce nodules and tumors or hairy roots in plants. <i>Molecular Plant-Microbe Interactions</i> , 2005 , 18, 1325-32	3.6	58
183	Growth promotion of common bean (Phaseolus vulgaris L.) by a strain of Burkholderia cepacia under growth chamber conditions. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 1927-1935	7.5	58
182	Rhizobium sullae sp. nov. (formerly Rhizobium hedysari), the root-nodule microsymbiont of Hedysarum coronarium L. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002 , 52, 1267-1276	2.2	58
181	Cohnella phaseoli sp. nov., isolated from root nodules of Phaseolus coccineus in Spain, and emended description of the genus Cohnella. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1855-9	2.2	56
180	Genetic diversity of endophytic bacteria which could be find in the apoplastic sap of the medullary parenchym of the stem of healthy sugarcane plants. <i>Journal of Basic Microbiology</i> , 2008 , 48, 118-24	2.7	56
179	Paenibacillus xylanilyticus sp. nov., an airborne xylanolytic bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 405-408	2.2	55
178	Paenibacillus favisporus sp. nov., a xylanolytic bacterium isolated from cow faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 59-64	2.2	54
177	Pseudomonas lutea sp. nov., a novel phosphate-solubilizing bacterium isolated from the rhizosphere of grasses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 847-850	2.2	50
176	Micromonospora mirobrigensis sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 877-880	2.2	48
175	Bradyrhizobium rifense sp. nov. isolated from effective nodules of Cytisus villosus grown in the Moroccan Rif. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 302-5	4.2	46
174	Phyllobacterium endophyticum sp. nov., isolated from nodules of Phaseolus vulgaris. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 821-826	2.2	46
173	Distribution and efficiency of Rhizobium leguminosarum strains nodulating Phaseolus vulgaris in Northern Spanish soils: Selection of native strains that replace conventional N fertilization. <i>Soil Biology and Biochemistry</i> , 2011 , 43, 2283-2293	7.5	46
172	Identification of fast-growing rhizobia nodulating tropical legumes from Puerto Rico as Rhizobium gallicum and Rhizobium tropici. <i>Systematic and Applied Microbiology</i> , 2004 , 27, 469-77	4.2	46
171	Rhizobium etli taxonomy revised with novel genomic data and analyses. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 353-8	4.2	45
170	The analysis of core and symbiotic genes of rhizobia nodulating Vicia from different continents reveals their common phylogenetic origin and suggests the distribution of Rhizobium leguminosarum strains together with Vicia seeds. <i>Archives of Microbiology</i> , 2009 , 191, 659-68	3	45

169	Lactococcus lactis subsp. tructae subsp. nov. isolated from the intestinal mucus of brown trout (<i>Salmo trutta</i>) and rainbow trout (<i>Oncorhynchus mykiss</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1894-1898	2.2	44
168	<i>Phaseolus vulgaris</i> is nodulated in northern Spain by <i>Rhizobium leguminosarum</i> strains harboring two nodC alleles present in American <i>Rhizobium etli</i> strains: biogeographical and evolutionary implications. <i>Canadian Journal of Microbiology</i> , 2010 , 56, 657-66	3.2	44
167	Strains nodulating <i>Lupinus albus</i> on different continents belong to several new chromosomal and symbiotic lineages within <i>Bradyrhizobium</i> . <i>Antonie Van Leeuwenhoek</i> , 2010 , 97, 363-76	2.1	44
166	Analysis of core genes supports the reclassification of strains <i>Agrobacterium radiobacter</i> K84 and <i>Agrobacterium tumefaciens</i> AKE10 into the species <i>Rhizobium rhizogenes</i> . <i>Systematic and Applied Microbiology</i> , 2010 , 33, 247-51	4.2	44
165	Phylogenetic diversity based on rrs, atpD, recA genes and 16S-23S intergenic sequence analyses of rhizobial strains isolated from <i>Vicia faba</i> and <i>Pisum sativum</i> in Peru. <i>Archives of Microbiology</i> , 2008 , 189, 239-47	3	44
164	<i>Paenibacillus phyllosphaerae</i> sp. nov., a xylanolytic bacterium isolated from the phyllosphere of <i>Phoenix dactylifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 743-746	2.2	42
163	<i>Vigna unguiculata</i> is nodulated in Spain by endosymbionts of Genisteeae legumes and by a new symbiovar (vignae) of the genus <i>Bradyrhizobium</i> . <i>Systematic and Applied Microbiology</i> , 2014 , 37, 533-40	4.2	41
162	Reclassification of <i>Agrobacterium ferrugineum</i> LMG 128 as <i>Hoeflea marina</i> gen. nov., sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1163-1166	2.2	41
161	Revision of the taxonomic status of the species <i>Rhizobium lupini</i> and reclassification as <i>Bradyrhizobium lupini</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1213-1219	2.2	40
160	Rhizobia from Lanzarote, the Canary Islands, that nodulate <i>Phaseolus vulgaris</i> have characteristics in common with <i>Sinorhizobium meliloti</i> isolates from mainland Spain. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 2354-9	4.8	39
159	<i>Burkholderia ferrariae</i> sp. nov., isolated from an iron ore in Brazil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2421-2425	2.2	39
158	Erosion of root epidermal cell walls by <i>Rhizobium</i> polysaccharide-degrading enzymes as related to primary host infection in the <i>Rhizobium</i> -legume symbiosis. <i>Canadian Journal of Microbiology</i> , 2001 , 47, 475-87	3.2	39
157	<i>Phyllobacterium loti</i> sp. nov. isolated from nodules of <i>Lotus corniculatus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 781-786	2.2	37
156	<i>Acetobacter oeni</i> sp. nov., isolated from spoiled red wine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 21-4	2.2	37
155	Analysis of non-coloured phenolics in red wine: Effect of <i>Dekkera bruxellensis</i> yeast. <i>Food Chemistry</i> , 2005 , 89, 185-189	8.5	37
154	Probiotic activities of <i>Rhizobium laguerreae</i> on growth and quality of spinach. <i>Scientific Reports</i> , 2018 , 8, 295	4.9	36
153	Inoculation with <i>Bradyrhizobium japonicum</i> enhances the organic and fatty acids content of soybean (<i>Glycine max</i> (L.) Merrill) seeds. <i>Food Chemistry</i> , 2013 , 141, 3636-48	8.5	36
152	Taxonomy of Bacteria Nodulating Legumes. <i>Microbiology Insights</i> , 2009 , 2, MBI.S3137	2.5	36

151	Genetic characterization of fast-growing rhizobia able to nodulate <i>Prosopis alba</i> in North Spain. <i>FEMS Microbiology Letters</i> , 2007 , 277, 210-6	2.9	36
150	Characterization of rhizobial isolates of <i>Phaseolus vulgaris</i> by staircase electrophoresis of low-molecular-weight RNA. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 1008-10	4.8	36
149	The endemic <i>Genista versicolor</i> from Sierra Nevada National Park in Spain is nodulated by putative new <i>Bradyrhizobium</i> species and a novel symbiovar (<i>sierranevadense</i>). <i>Systematic and Applied Microbiology</i> , 2014 , 37, 177-85	4.2	35
148	<i>Cellulomonas xylanilytica</i> sp. nov., a cellulolytic and xylanolytic bacterium isolated from a decayed elm tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 533-536	2.2	35
147	<i>Marteella mediterranea</i> gen. nov., sp. nov., a novel alpha-proteobacterium isolated from a subterranean saline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 955-959	2.2	35
146	<i>Paenibacillus cellulolyticus</i> sp. nov., a cellulolytic and xylanolytic bacterium isolated from the bract phyllosphere of <i>Phoenix dactylifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2777-2781	2.2	34
145	<i>Sphingomonas phyllosphaerae</i> sp. nov., from the phyllosphere of <i>Acacia caven</i> in Argentina. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 2147-2150	2.2	34
144	Mesorhizobial strains nodulating <i>Anagyris latifolia</i> and <i>Lotus berthelotii</i> in Tamadaya ravine (Tenerife, Canary Islands) are two symbiovars of the same species, <i>Mesorhizobium tamadayense</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 334-41	4.2	33
143	<i>Endobacter medicaginis</i> gen. nov., sp. nov., isolated from alfalfa nodules in an acidic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1760-1765	2.2	33
142	<i>Paenibacillus prosopidis</i> sp. nov., isolated from the nodules of <i>Prosopis farcta</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2182-2186	2.2	32
141	<i>Pseudomonas argentinensis</i> sp. nov., a novel yellow pigment-producing bacterial species, isolated from rhizospheric soil in Cordoba, Argentina. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1107-1112	2.2	32
140	Restriction fragment length polymorphism analysis of 16S rDNA and low molecular weight RNA profiling of rhizobial isolates from shrubby legumes endemic to the Canary islands. <i>Systematic and Applied Microbiology</i> , 2000 , 23, 418-25	4.2	32
139	An effective, rapid and simple method for total RNA extraction from bacteria and yeast. <i>Journal of Microbiological Methods</i> , 2001 , 47, 59-63	2.8	32
138	Reclassification of <i>Agromonas oligotrophica</i> into the genus <i>Bradyrhizobium</i> as <i>Bradyrhizobium oligotrophicum</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1013-1016	2.2	31
137	<i>Xylanibacterium ulmi</i> gen. nov., sp. nov., a novel xylanolytic member of the family Promicromonosporaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 557-561	2.2	31
136	<i>Agromyces ulmi</i> sp. nov., a xylanolytic bacterium isolated from <i>Ulmus nigra</i> in Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 1987-1990	2.2	31
135	Rapid Identification of <i>Clavibacter michiganensis</i> Subspecies <i>sepedonicus</i> Using Two Primers Random Amplified Polymorphic DNA (TP-RAPD) Fingerprints. <i>European Journal of Plant Pathology</i> , 2002 , 108, 179-184	2.1	31
134	Erosion of root epidermal cell walls by <i>Rhizobium</i> polysaccharide-degrading enzymes as related to primary host infection in the <i>Rhizobium</i> -legume symbiosis. <i>Canadian Journal of Microbiology</i> , 2001 , 47, 475-487	3.2	31

133	Revision of the taxonomic status of type strains of <i>Mesorhizobium loti</i> and reclassification of strain USDA 3471T as the type strain of <i>Mesorhizobium merdmanii</i> sp. nov. and ATCC 33669T as the type strain of <i>Mesorhizobium jarvisii</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 45, 1703-1708	2.2	31
132	<i>Bradyrhizobium centrosemæ</i> (symbiovar <i>centrosemae</i>) sp. nov., <i>Bradyrhizobium americanum</i> (symbiovar <i>phaseolarum</i>) sp. nov. and a new symbiovar (<i>tropici</i>) of <i>Bradyrhizobium viridifuturi</i> establish symbiosis with <i>Centrosema</i> species native to America. <i>Systematic and Applied Microbiology</i> , 2016 , 39, 378-83	4.2	31
131	<i>Pseudomonas guariconensis</i> sp. nov., isolated from rhizospheric soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4413-4420	2.2	30
130	Development of functional symbiotic white clover root hairs and nodules requires tightly regulated production of rhizobial cellulase CelC2. <i>Molecular Plant-Microbe Interactions</i> , 2011 , 24, 798-807	3.6	30
129	<i>Alcanivorax balearicus</i> sp. nov., isolated from Lake Martel. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1331-1335	2.2	30
128	The symbiovar <i>trifolii</i> of <i>Rhizobium bangladeshense</i> and <i>Rhizobium aegyptiacum</i> sp. nov. nodulate <i>Trifolium alexandrinum</i> in Egypt. <i>Systematic and Applied Microbiology</i> , 2016 , 39, 275-279	4.2	29
127	Inoculation of the nonlegume <i>Capsicum annuum</i> (L.) with <i>Rhizobium</i> strains. 1. Effect on bioactive compounds, antioxidant activity, and fruit ripeness. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 557-64	5.7	29
126	Effects induced by the nodulation with <i>Bradyrhizobium japonicum</i> on <i>Glycine max</i> (soybean) metabolism and antioxidant potential. <i>Food Chemistry</i> , 2011 , 127, 1487-1495	8.5	29
125	Influence of <i>Dekkera bruxellensis</i> on the contents of anthocyanins, organic acids and volatile phenols of DĀ red wine. <i>Food Chemistry</i> , 2007 , 100, 64-70	8.5	29
124	Identification of microorganisms by PCR amplification and sequencing of a universal amplified ribosomal region present in both prokaryotes and eukaryotes. <i>Journal of Microbiological Methods</i> , 2004 , 56, 413-26	2.8	29
123	Identification at the species and symbiovar levels of strains nodulating <i>Phaseolus vulgaris</i> in saline soils of the Marrakech region (Morocco) and analysis of the <i>otsA</i> gene putatively involved in osmotolerance. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 156-64	4.2	28
122	Soils of the Chinese Hubei province show a very high diversity of <i>Sinorhizobium fredii</i> strains. <i>Systematic and Applied Microbiology</i> , 2002 , 25, 592-602	4.2	28
121	<i>Pseudomonas helmanticensis</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2338-2345	2.2	27
120	<i>Paenibacillus endophyticus</i> sp. nov., isolated from nodules of <i>Cicer arietinum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4433-4438	2.2	27
119	<i>Cohnella lupini</i> sp. nov., an endophytic bacterium isolated from root nodules of <i>Lupinus albus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 83-87	2.2	27
118	Enhancement of resolution of low molecular weight RNA profiles by staircase electrophoresis. <i>Electrophoresis</i> , 1997 , 18, 1909-11	3.6	27
117	<i>Photobacterium halotolerans</i> sp. nov., isolated from Lake Martel in Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1067-1071	2.2	27
116	Core and symbiotic genes reveal nine <i>Mesorhizobium</i> genospecies and three symbiotic lineages among the rhizobia nodulating <i>Cicer canariense</i> in its natural habitat (La Palma, Canary Islands). <i>Systematic and Applied Microbiology</i> , 2014 , 37, 140-8	4.2	26

115	Paenibacillus lupini sp. nov., isolated from nodules of Lupinus albus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3028-3033	2.2	26
114	Atypical yeasts identified as Saccharomyces cerevisiae by MALDI-TOF MS and gene sequencing are the main responsible of fermentation of chicha, a traditional beverage from Peru. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 560-4	4.2	25
113	Nodulation in Dimorphandra wilsonii Rizz. (Caesalpinioideae), a threatened species native to the Brazilian Cerrado. <i>PLoS ONE</i> , 2012 , 7, e49520	3.7	25
112	Phenotypic, genotypic, and symbiotic diversities in strains nodulating clover in different soils in Spain. <i>Canadian Journal of Microbiology</i> , 2009 , 55, 1207-16	3.2	25
111	Microbacterium ulmi sp. nov., a xylanolytic, phosphate-solubilizing bacterium isolated from sawdust of Ulmus nigra. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 513-517	2.2	25
110	Reclassification of strains MAFF 303099T and R7A into Mesorhizobium japonicum sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4936-4941	2.2	25
109	Pseudorhizobium pelagicum gen. nov., sp. nov. isolated from a pelagic Mediterranean zone. <i>Systematic and Applied Microbiology</i> , 2015 , 38, 293-9	4.2	24
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- 7 Definition of the novel symbiovar canariense within *Mesorhizobium neociceri* sp. nov., a new species of genus *Mesorhizobium* nodulating *Cicer canariense* in the "Caldera de Taburiente" National Park (La Palma, Canary Islands). *Systematic and Applied Microbiology*, **2021**, 44, 126237 4.2 ○
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