

# Maria del Carmen Montero-Calasanz

## List of Publications by Year in descending order

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54  
papers

1,698  
citations

279798

23  
h-index

330143

37  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1140  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Chryseobacterium hispalense</i> sp. nov., a plant-growth-promoting bacterium isolated from a rainwater pond in an olive plant nursery, and emended descriptions of <i>Chryseobacterium defluvii</i> , <i>Chryseobacterium indologenes</i> , <i>Chryseobacterium wanjuense</i> and <i>Chryseobacterium gregarium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4386-4395.	1.7	187
2	Genome-Scale Data Call for a Taxonomic Rearrangement of Geodermatophilaceae. <i>Frontiers in Microbiology</i> , 2017, 8, 2501.	3.5	105
3	Genome-based classification of micromonosporae with a focus on their biotechnological and ecological potential. <i>Scientific Reports</i> , 2018, 8, 525.	3.3	102
4	<i>Chryseobacterium oleae</i> sp. nov., an efficient plant growth promoting bacterium in the rooting induction of olive tree ( <i>Olea europaea</i> L.) cuttings and emended descriptions of the genus <i>Chryseobacterium</i> , <i>C. daecheongense</i> , <i>C. gambrini</i> , <i>C. gleum</i> , <i>C. joostei</i> , <i>C. jejuense</i> , <i>C. luteum</i> , <i>C. shigense</i> , <i>C. taiwanense</i> , <i>C. ureilyticum</i> and <i>C. vrystaatense</i> . <i>Systematic and Applied Microbiology</i> , 2014, 37, 342-350.	2.8	89
5	Proposal of a type strain for <i>Frankia alni</i> (Woronin 1866) Von Tubeuf 1895, emended description of <i>Frankia alni</i> , and recognition of <i>Frankia casuarinae</i> sp. nov. and <i>Frankia elaeagni</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5201-5210.	1.7	68
6	<i>Geodermatophilus arenarius</i> sp. nov., a xerophilic actinomycete isolated from Saharan desert sand in Chad. <i>Extremophiles</i> , 2012, 16, 903-909.	2.3	58
7	<i>Geodermatophilus africanus</i> sp. nov., a halotolerant actinomycete isolated from Saharan desert sand. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 207-216.	1.7	52
8	<i>Geodermatophilus siccatus</i> sp. nov., isolated from arid sand of the Saharan desert in Chad. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 449-456.	1.7	48
9	<i>Frankia inefficax</i> sp. nov., an actinobacterial endophyte inducing ineffective, non nitrogen-fixing, root nodules on its actinorhizal host plants. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 313-320.	1.7	48
10	<i>Geodermatophilus tzadiensis</i> sp. nov., a UV radiation-resistant bacterium isolated from sand of the Saharan desert. <i>Systematic and Applied Microbiology</i> , 2013, 36, 177-182.	2.8	43
11	<i>Streptomyces asenjonii</i> sp. nov., isolated from hyper-arid Atacama Desert soils and emended description of <i>Streptomyces viridosporus</i> Pridham et al. 1958. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1133-1148.	1.7	42
12	<i>Blastococcus capsensis</i> sp. nov., isolated from an archaeological Roman pool and emended description of the genus <i>Blastococcus</i> , <i>B. aggregatus</i> , <i>B. saxobsidens</i> , <i>B. jejuensis</i> and <i>B. endophyticus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4864-4872.	1.7	39
13	<i>Geodermatophilus telluris</i> sp. nov., an actinomycete isolated from Saharan desert sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2254-2259.	1.7	37
14	<i>Geodermatophilus poikilotrophii</i> sp. nov.: A Multitolerant Actinomycete Isolated from Dolomitic Marble. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	37
15	<i>Geodermatophilus saharensis</i> sp. nov., isolated from sand of the Saharan desert in Chad. <i>Archives of Microbiology</i> , 2013, 195, 153-159.	2.2	36
16	<i>Geodermatophilus pulveris</i> sp. nov., a gamma-radiation-resistant actinobacterium isolated from the Sahara desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3828-3834.	1.7	34
17	<i>Frankia discariae</i> sp. nov.: an infective and effective microsymbiont isolated from the root nodule of <i>Discaria trinervis</i> . <i>Archives of Microbiology</i> , 2017, 199, 641-647.	2.2	33
18	<i>Blastococcus atacamensis</i> sp. nov., a novel strain adapted to life in the Yungay core region of the Atacama Desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2712-2721.	1.7	33

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19	<i>Labrenzia salina</i> sp. nov., isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5173-5180.	1.7	29
20	<i>Geodermatophilus normandii</i> sp. nov., isolated from Saharan desert sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3437-3443.	1.7	28
21	Description of gamma radiation-resistant <i>Geodermatophilus dictyosporus</i> sp. nov. to accommodate the not validly named <i>Geodermatophilus obscurus</i> subsp. <i>dictyosporus</i> (Luedemann, 1968). <i>Extremophiles</i> , 2015, 19, 77-85.	2.3	28
22	<i>Streptomyces aridus</i> sp. nov., isolated from a high altitude Atacama Desert soil and emended description of <i>Streptomyces noboritoensis</i> Isono et al. 1957. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 705-717.	1.7	26
23	<i>Geodermatophilus chilensis</i> sp. nov., from soil of the Yungay core-region of the Atacama Desert, Chile. <i>Systematic and Applied Microbiology</i> , 2018, 41, 427-436.	2.8	25
24	Alternative rooting induction of semi-hardwood olive cuttings by several auxin-producing bacteria for organic agriculture systems. <i>Spanish Journal of Agricultural Research</i> , 2013, 11, 146.	0.6	25
25	<i>Nocardia casuarinae</i> sp. nov., an actinobacterial endophyte isolated from root nodules of <i>Casuarina glauca</i> . <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 1099-1106.	1.7	24
26	Description of <i>Geodermatophilus amargosae</i> sp. nov., to Accommodate the Not Validly Named <i>Geodermatophilus obscurus</i> subsp. <i>amargosae</i> (Luedemann, 1968). <i>Current Microbiology</i> , 2014, 68, 365-371.	2.2	24
27	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 493-500.	1.7	23
28	<i>Geodermatophilus aquaeductus</i> sp. nov., isolated from the ruins of Hadrian's aqueduct. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 41-50.	1.7	21
29	<i>Modestobacter excelsi</i> sp. nov., a novel actinobacterium isolated from a high altitude Atacama Desert soil. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126051.	2.8	21
30	<i>Geodermatophilus sabuli</i> sp. nov., a $\beta$ -radiation-resistant actinobacterium isolated from desert limestone. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3365-3372.	1.7	21
31	Description of <i>Geodermatophilus bullaregiensis</i> sp. nov.. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 415-425.	1.7	19
32	<i>Microbulbifer rhizosphaerae</i> sp. nov., isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1844-1850.	1.7	19
33	<i>Modestobacter italicus</i> sp. nov., isolated from Carrara marble quarry and emended descriptions of the genus <i>Modestobacter</i> and the species <i>Modestobacter marinus</i> , <i>Modestobacter multiseptatus</i> , <i>Modestobacter roseus</i> and <i>Modestobacter versicolor</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1537-1545.	1.7	19
34	<i>Blastococcus colisei</i> sp. nov, isolated from an archaeological amphitheatre. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 339-346.	1.7	18
35	<i>Kushneria phyllosphaerae</i> sp. nov. and <i>Kushneria endophytica</i> sp. nov., plant growth promoting endophytes isolated from the halophyte plant <i>Arthrocnemum macrostachyum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2800-2806.	1.7	18
36	<i>Geodermatophilus brasiliensis</i> sp. nov., isolated from Brazilian soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2841-2848.	1.7	16

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37	<i>Streptomyces zagrosensis</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3434-3440.	1.7	15
38	<i>Kocuria salina</i> sp. nov., an actinobacterium isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> and emended description of <i>Kocuria turfanensis</i> . International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5006-5012.	1.7	15
39	<i>Halomonas radices</i> sp. nov., isolated from <i>Arthrocnemum macrostachyum</i> growing in the Odiel marshes (Spain) and emended descriptions of <i>Halomonas xinjiangensis</i> and <i>Halomonas zincidurans</i> . International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 220-227.	1.7	15
40	<i>Pseudoalteromonas rhizosphaerae</i> sp. nov., a novel plant growth-promoting bacterium with potential use in phytoremediation. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3287-3294.	1.7	15
41	<i>Promicromonospora iranensis</i> sp. nov., an actinobacterium isolated from rhizospheric soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3314-3319.	1.7	14
42	High quality draft genome of <i>Nakamurella lactea</i> type strain, a rock actinobacterium, and emended description of <i>Nakamurella lactea</i> . Standards in Genomic Sciences, 2017, 12, 4.	1.5	14
43	<i>Blastococcus xanthinilyticus</i> sp. nov., isolated from monument. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1177-1183.	1.7	14
44	<i>Mycobacterium eburneum</i> sp. nov., a non-chromogenic, fast-growing strain isolated from sputum. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3174-3181.	1.7	13
45	<i>Actinomadura alkaliterrae</i> sp. nov., isolated from an alkaline soil. Antonie Van Leeuwenhoek, 2017, 110, 787-794.	1.7	12
46	Two novel species of rapidly growing mycobacteria: <i>Mycobacterium lehmannii</i> sp. nov. and <i>Mycobacterium neumannii</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4948-4955.	1.7	12
47	<i>Promicromonospora kermanensis</i> sp. nov., an actinobacterium isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 262-267.	1.7	11
48	<i>Modestobacter altitudinis</i> sp. nov., a novel actinobacterium isolated from Atacama Desert soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3513-3527.	1.7	11
49	Diversity of rhodopsins in cultivated bacteria of the family <i>Geodermatophilaceae</i> associated with non-aquatic environments. Bioinformatics, 2020, 36, 1668-1672.	4.1	9
50	<i>Rossellomorea arthrocnemi</i> sp. nov., a novel plant growth-promoting bacterium used in heavy metal polluted soils as a phytoremediation tool. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	9
51	<i>Saccharothrix ecbatanensis</i> sp. nov., an actinobacterium isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4544-4549.	1.7	7
52	Complete genome sequence of the haloalkaliphilic, obligately chemolithoautotrophic thiosulfate and sulfide-oxidizing $\hat{1}^3$ -proteobacterium <i>Thioalkalimicrobium cyclicum</i> type strain ALM 1 (DSM 14477T). Standards in Genomic Sciences, 2016, 11, 38.	1.5	6
53	<i>Blastococcus tunisiensis</i> sp. nov., isolated from limestone collected in Tunisia. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	5
54	The RadioP1 " An Integrative Web Resource for Radioresistant Prokaryotes. , 2015, , .		3