

# Christopher M M Franco

## List of Publications by Year in descending order

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45  
papers

1,913  
citations

331259

21  
h-index

264894

42  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Identification of Actinobacteria from Surface-Sterilized Wheat Roots. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5603-5608.	1.4	495
2	Analysis of the Endophytic Actinobacterial Population in the Roots of Wheat ( <i>Triticum aestivum</i> L.) by Terminal Restriction Fragment Length Polymorphism and Sequencing of 16S rRNA Clones. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1787-1794.	1.4	174
3	Visualization of an Endophytic <i>Streptomyces</i> Species in Wheat Seed. <i>Applied and Environmental Microbiology</i> , 2003, 69, 4260-4262.	1.4	110
4	Rational Approaches to Improving the Isolation of Endophytic Actinobacteria from Australian Native Trees. <i>Microbial Ecology</i> , 2013, 65, 384-393.	1.4	102
5	Effect of Microbial Inoculants on the Indigenous Actinobacterial Endophyte Population in the Roots of Wheat as Determined by Terminal Restriction Fragment Length Polymorphism. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6407-6413.	1.4	100
6	Evaluation of ACC-deaminase-producing rhizobacteria to alleviate water-stress impacts in wheat ( <i>Triticum aestivum</i> L.) plants. <i>Canadian Journal of Microbiology</i> , 2019, 65, 387-403.	0.8	86
7	New marine natural products from sponges (Porifera) of the order Dictyoceratida (2001 to 2012); a promising source for drug discovery, exploration and future prospects. <i>Biotechnology Advances</i> , 2016, 34, 473-491.	6.0	56
8	Acetylated Triterpene Glycosides and Their Biological Activity from Holothuroidea Reported in the Past Six Decades. <i>Marine Drugs</i> , 2016, 14, 147.	2.2	55
9	The antifungal action mode of the rice endophyte <i>Streptomyces hygrosopicus</i> OsiSh-2 as a potential biocontrol agent against the rice blast pathogen. <i>Pesticide Biochemistry and Physiology</i> , 2019, 160, 58-69.	1.6	54
10	Decoding Wheat Endosphere—Rhizosphere Microbiomes in <i>Rhizoctonia solani</i> -Infested Soils Challenged by <i>Streptomyces</i> Biocontrol Agents. <i>Frontiers in Plant Science</i> , 2019, 10, 1038.	1.7	46
11	<i>Nocardia callitridis</i> sp. nov., an endophytic actinobacterium isolated from a surface-sterilized root of an Australian native pine tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1532-1536.	0.8	43
12	Field performance of bacterial inoculants to alleviate water stress effects in wheat ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.8	38
13	Detection of Novel Secondary Metabolites. <i>Critical Reviews in Biotechnology</i> , 1991, 11, 193-276.	5.1	37
14	Distribution of Saponins in the Sea Cucumber <i>Holothuria lessona</i> ; the Body Wall Versus the Viscera, and Their Biological Activities. <i>Marine Drugs</i> , 2018, 16, 423.	2.2	33
15	Isolation and characterisation of endophytic actinobacteria and their effect on the early growth and nodulation of lucerne ( <i>Medicago sativa</i> L.). <i>Plant and Soil</i> , 2016, 405, 13-24.	1.8	32
16	<i>Streptomyces kebangsaanensis</i> sp. nov., an endophytic actinomycete isolated from an ethnomedicinal plant, which produces phenazine-1-carboxylic acid. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3733-3738.	0.8	31
17	<i>Pseudonocardia adelaidensis</i> sp. nov., an endophytic actinobacterium isolated from the surface-sterilized stem of a grey box tree ( <i>Eucalyptus microcarpa</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2818-2822.	0.8	30
18	Endophytic Actinobacteria: Diversity and Ecology. , 2014, , 27-59.		30

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19	<i>Pseudonocardia eucalypti</i> sp. nov., an endophytic actinobacterium with a unique knobby spore surface, isolated from roots of a native Australian eucalyptus tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 742-746.	0.8	29
20	Analogous wheat root rhizosphere microbial successions in field and greenhouse trials in the presence of biocontrol agents <i>Paenibacillus peoriae</i> SP9 and <i>Streptomyces fulvissimus</i> FU14. <i>Molecular Plant Pathology</i> , 2020, 21, 622-635.	2.0	29
21	Structure Elucidation of New Acetylated Saponins, Lessoniosides A, B, C, D, and E, and Non-Acetylated Saponins, Lessoniosides F and G, from the Viscera of the Sea Cucumber <i>Holothuria lessoni</i> . <i>Marine Drugs</i> , 2015, 13, 597-617.	2.2	26
22	<i>Kribbella endophytica</i> sp. nov., an endophytic actinobacterium isolated from the surface-sterilized leaf of a native apricot tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1249-1253.	0.8	25
23	Swalpmycin, a new macrolide antibiotic. II. Structure elucidation.. <i>Journal of Antibiotics</i> , 1987, 40, 1368-1374.	1.0	23
24	<i>Flindersiella endophytica</i> gen. nov., sp. nov., an endophytic actinobacterium isolated from the root of Grey Box, an endemic eucalyptus tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2135-2140.	0.8	21
25	The role of sponge-bacteria interactions: the sponge <i>Aplysilla rosea</i> challenged by its associated bacterium <i>Streptomyces</i> ACT-52A in a controlled aquarium system. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10609-10626.	1.7	21
26	Antimicrobial Activities of Marine Sponge-Associated Bacteria. <i>Microorganisms</i> , 2021, 9, 171.	1.6	17
27	<i>Actinopolymorpha pittospori</i> sp. nov., an endophyte isolated from surface-sterilized leaves of an apricot tree ( <i>Pittosporum phylliraeoides</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2616-2620.	0.8	16
28	Swalpmycin, a new macrolide antibiotic. I. Taxonomy of the producing organism, fermentation, isolation and biological activity.. <i>Journal of Antibiotics</i> , 1987, 40, 1361-1367.	1.0	14
29	<i>Promicromonospora endophytica</i> sp. nov., an endophytic actinobacterium isolated from the root of an Australian native Grey Box tree. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1687-1691.	0.8	14
30	Untapped sponge microbiomes: structure specificity at host order and family levels. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	14
31	Effects of endophytic <i>Streptomyces</i> and mineral nitrogen on Lucerne ( <i>Medicago sativa</i> L.) growth and its symbiosis with rhizobia. <i>Plant and Soil</i> , 2016, 405, 25-34.	1.8	13
32	Sponge-associated actinobacterial diversity: validation of the methods of actinobacterial DNA extraction and optimization of 16S rRNA gene amplification. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8731-8740.	1.7	12
33	Uncovering the hidden marine sponge microbiome by applying a multi-primer approach. <i>Scientific Reports</i> , 2019, 9, 6214.	1.6	12
34	Intracellular Bacteria in Plants: Elucidation of Abundant and Diverse Cytoplasmic Bacteria in Healthy Plant Cells Using In Vitro Cell and Callus Cultures. <i>Microorganisms</i> , 2021, 9, 269.	1.6	12
35	Complete sequencing and analysis of pEN2701, a novel 13-kb plasmid from an endophytic <i>Streptomyces</i> sp.. <i>Plasmid</i> , 2003, 49, 86-92.	0.4	11
36	Isolation and characterisation of endophytic actinobacteria and their effect on the growth and nodulation of chickpea ( <i>Cicer arietinum</i> ). <i>Plant and Soil</i> , 2021, 466, 357-371.	1.8	11

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37	Promicromonospora callitridis sp. nov., an endophytic actinobacterium isolated from the surface-sterilized root of an Australian native pine tree. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3559-3563.	0.8	8
38	Complete Genome Sequences of the Endophytic <i>Streptomyces</i> Strains EN16, EN23, and EN27, Isolated from Wheat Plants. Genome Announcements, 2016, 4, .	0.8	7
39	Complete Genome Sequences of the Endophytic <i>Streptomyces</i> sp. Strains LUP30 and LUP47B, Isolated from Lucerne Plants. Genome Announcements, 2017, 5, .	0.8	7
40	Revealing the underlying mechanisms mediated by endophytic actinobacteria to enhance the rhizobia - chickpea ( <i>Cicer arietinum</i> L.) symbiosis. Plant and Soil, 2022, 474, 299-318.	1.8	7
41	Factors affecting the isolation and diversity of marine sponge-associated bacteria. Applied Microbiology and Biotechnology, 2022, 106, 1729-1744.	1.7	4
42	Endophytic Actinobacteria in Biosynthesis of Bioactive Metabolites and Their Application in Improving Crop Yield and Sustainable Agriculture. , 2022, , 119-150.		3
43	A controlled aquarium system and approach to study the role of sponge-bacteria interactions using <i>Aplysilla rosea</i> and <i>Vibrio natriegens</i> . Scientific Reports, 2018, 8, 11801.	1.6	2
44	Inoculation Effects in the Rhizosphere: Diversity and Function. Rhizosphere Biology, 2021, , 339-356.	0.4	2
45	Cytobacts: Abundant and Diverse Vertically Seed-Transmitted Cultivation-Recalcitrant Intracellular Bacteria Ubiquitous to Vascular Plants. Frontiers in Microbiology, 2022, 13, 806222.	1.5	1