

# Imen Nouioui

## List of Publications by Year in descending order

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1803  
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#	ARTICLE	IF	CITATIONS
1	Genome insights into the pharmaceutical and plant growth promoting features of the novel species <i>Nocardia alni</i> sp. nov. BMC Genomics, 2022, 23, 70.	2.8	10
2	<i>Amycolatopsis camponoti</i> sp. nov., new tetracenomycin-producing actinomycete isolated from carpenter ant <i>Camponotus vagus</i> . Antonie Van Leeuwenhoek, 2022, 115, 533-544.	1.7	7
3	<i>Nocardia noduli</i> sp. nov., a novel actinobacterium with biotechnological potential. Archives of Microbiology, 2022, 204, 260.	2.2	2
4	<i>Blastococcus tunisiensis</i> sp. nov., isolated from limestone collected in Tunisia. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	5
5	Genome-based reclassification of <i>Actinopolyspora righensis</i> Meklat et al. 2013 as a later heterotypic synonym of <i>Actinopolyspora lacussalsi</i> Guan et al. 2013 and description of <i>Actinopolyspora lacussalsi</i> subsp. <i>lacussalsi</i> subsp. nov. and <i>Actinopolyspora lacussalsi</i> subsp. <i>righensis</i> subsp. nov.. Archives of Microbiology, 2022, 204, .	2.2	1
6	Ionizing-radiation-resistant <i>Kocuria rhizophila</i> PT10 isolated from the Tunisian Sahara xerophyte <i>Panicum turgidum</i> : Polyphasic characterization and proteogenomic arsenal. Genomics, 2021, 113, 317-330.	2.9	7
7	Draft genome sequence of <i>Promicromonospora panici</i> sp. nov., a novel ionizing-radiation-resistant actinobacterium isolated from roots of the desert plant <i>Panicum turgidum</i> . Extremophiles, 2021, 25, 25-38.	2.3	5
8	Biotechnological and Ecological Potential of <i>Micromonospora provocatoris</i> sp. nov., a Gifted Strain Isolated from the Challenger Deep of the Mariana Trench. Marine Drugs, 2021, 19, 243.	4.6	10
9	Genome-based classification of the <i>Streptomyces violaceusniger</i> clade and description of <i>Streptomyces sabulosicollis</i> sp. nov. from an Indonesian sand dune. Antonie Van Leeuwenhoek, 2021, 114, 859-873.	1.7	12
10	Phylogenomic Characterization of a Novel <i>Corynebacterium</i> Species Associated with Fatal Diphtheritic Stomatitis in Endangered Yellow-Eyed Penguins. MSystems, 2021, 6, e0032021.	3.8	10
11	Heat-killed <i>Mycolicibacterium aurum</i> Aogashima: An environmental nonpathogenic actinobacteria under development as a safe novel food ingredient. Food Science and Nutrition, 2021, 9, 4839-4854.	3.4	1
12	Comparative Genomic Study of Vinyl Chloride Cluster and Description of Novel Species, <i>Mycolicibacterium vinylchloridicum</i> sp. nov.. Frontiers in Microbiology, 2021, 12, 767895.	3.5	2
13	<i>Pseudomonas khazarica</i> sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium isolated from Khazar Sea sediments. Antonie Van Leeuwenhoek, 2020, 113, 521-532.	1.7	21
14	Genomic Virulence Features of Two Novel Species <i>Nocardia barduliensis</i> sp. nov. and <i>Nocardia gipuzkoensis</i> sp. nov., Isolated from Patients with Chronic Pulmonary Diseases. Microorganisms, 2020, 8, 1517.	3.6	24
15	<i>Streptomyces alkaliterrae</i> sp. nov., isolated from an alkaline soil, and emended descriptions of <i>Streptomyces alkaliphilus</i> , <i>Streptomyces calidiresistens</i> and <i>Streptomyces durbertensis</i> . Systematic and Applied Microbiology, 2020, 43, 126153.	2.8	17
16	Genome-based classification of <i>Micromonospora craterilacus</i> sp. nov., a novel actinobacterium isolated from Nemrut Lake. Antonie Van Leeuwenhoek, 2020, 113, 791-801.	1.7	11
17	Whole Genome Sequence of <i>Dermacoccus abyssi</i> MT1.1 Isolated from the Challenger Deep of the Mariana Trench Reveals Phenazine Biosynthesis Locus and Environmental Adaptation Factors. Marine Drugs, 2020, 18, 131.	4.6	15
18	Polyphasic classification of <i>Nonomuraea</i> strains isolated from the Karakum Desert and description of <i>Nonomuraea deserti</i> sp. nov., <i>Nonomuraea diastatica</i> sp. nov., <i>Nonomuraea longispora</i> sp. nov. and <i>Nonomuraea mesophila</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 636-647.	1.7	24

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19	<i>Frankia soli</i> sp. nov., an actinobacterium isolated from soil beneath <i>Ceanothus jepsonii</i> . International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1203-1209.	1.7	18
20	<i>Streptomyces harenosi</i> sp. nov., a home for a gifted strain isolated from Indonesian sand dune soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4874-4882.	1.7	11
21	<p><strong>Revision of the genus <em>Reddellomyces</em> (Tuberaceae): a combination of molecular and morphological analysis provides insights into species diversity</strong></p><p><strong> </strong></p>. Phytotaxa, 2020, 439, 186-198.	0.3	0
22	Draft genome sequence of the symbiotic <i>Frankia</i> sp. strain BMG5.30 isolated from root nodules of <i>Coriaria myrtifolia</i> in Tunisia. Antonie Van Leeuwenhoek, 2019, 112, 67-74.	1.7	35
23	<i>Frankia torreyi</i> sp. nov., the first actinobacterium of the genus <i>Frankia</i> Brunchorst 1886, 174AL isolated in axenic culture. Antonie Van Leeuwenhoek, 2019, 112, 57-65.	1.7	29
24	Genomic Insights Into Plant-Growth-Promoting Potentialities of the Genus <i>Frankia</i> . Frontiers in Microbiology, 2019, 10, 1457.	3.5	46
25	New genus-specific primers for PCR identification of <i>Rubrobacter</i> strains. Antonie Van Leeuwenhoek, 2019, 112, 1863-1874.	1.7	7
26	The Polyextreme Ecosystem, Salar de Huasco at the Chilean Altiplano of the Atacama Desert Houses Diverse <i>Streptomyces</i> spp. with Promising Pharmaceutical Potentials. Diversity, 2019, 11, 69.	1.7	25
27	Uncovering the potential of novel micromonosporae isolated from an extreme hyper-arid Atacama Desert soil. Scientific Reports, 2019, 9, 4678.	3.3	34
28	An update on the taxonomy of the genus <i>Frankia</i> Brunchorst, 1886, 174AL. Antonie Van Leeuwenhoek, 2019, 112, 5-21.	1.7	29
29	The plant-growth-promoting actinobacteria of the genus <i>Nocardia</i> induces root nodule formation in <i>Casuarina glauca</i> . Antonie Van Leeuwenhoek, 2019, 112, 75-90.	1.7	24
30	19th International Meeting on <i>Frankia</i> and Actinorhizal Plants. Antonie Van Leeuwenhoek, 2019, 112, 1-4.	1.7	4
31	<i>Jiangella anatolica</i> sp. nov. isolated from coastal lake soil. Antonie Van Leeuwenhoek, 2019, 112, 887-895.	1.7	6
32	Polyphasic classification of the gifted natural product producer <i>Streptomyces roseifaciens</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 899-908.	1.7	16
33	<i>Streptacidiphilus bronchialis</i> sp. nov., a ciprofloxacin-resistant bacterium from a human clinical specimen; reclassification of <i>Streptomyces griseoplanus</i> as <i>Streptacidiphilus griseoplanus</i> comb. nov. and emended description of the genus <i>Streptacidiphilus</i> . International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1047-1056.	1.7	20
34	<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> . International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1537-1545.	1.7	19
35	<i>Streptomyces huasconensis</i> sp. nov., an haloalkalitolerant actinobacterium isolated from a high altitude saline wetland at the Chilean Altiplano. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2315-2322.	1.7	18
36	<i>Micromonospora acroterricola</i> sp. nov., a novel actinobacterium isolated from a high altitude Atacama Desert soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3426-3436.	1.7	16

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37	<i>Mycolicibacterium stelleriae</i> sp. nov., a rapidly growing scotochromogenic strain isolated from <i>Stellera chamaejasme</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3465-3471.	1.7	14
38	<i>Streptomyces altiplanensis</i> sp. nov., an alkalitolerant species isolated from Chilean Altiplano soil, and emended description of <i>Streptomyces chryseus</i> (Krasil'nikov et al. 1965) Pridham 1970. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2498-2505.	1.7	12
39	Hunting for cultivable <i>Micromonospora</i> strains in soils of the Atacama Desert. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1375-1387.	1.7	14
40	<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
41	<i>Amycolatopsis vastitatis</i> sp. nov., an isolate from a high altitude subsurface soil on Cerro Chajnantor, northern Chile. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1523-1533.	1.7	16
42	Genome-based classification of micromonosporae with a focus on their biotechnological and ecological potential. <i>Scientific Reports</i> , 2018, 8, 525.	3.3	102
43	Rare taxa and dark microbial matter: novel bioactive actinobacteria abound in Atacama Desert soils. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1315-1332.	1.7	70
44	Formal description of <i>Mycobacterium neglectum</i> sp. nov. and <i>Mycobacterium palauense</i> sp. nov., rapidly growing actinobacteria. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1209-1223.	1.7	12
45	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 493-500.	1.7	23
46	Complete Genome Sequence of <i>Streptacidiphilus</i> sp. Strain 15-057A, Obtained from Bronchial Lavage Fluid. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	3
47	Genome-Based Taxonomic Classification of the Phylum Actinobacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 2007.	3.5	2,599
48	<i>Nonomuraea insulae</i> sp. nov., isolated from forest soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2051-2059.	1.7	10
49	<i>Frankia saprophytica</i> sp. nov., an atypical, non-infective (Nod <sup>-</sup> ) and non-nitrogen fixing (Fix <sup>-</sup> ) actinobacterium isolated from <i>Coriaria nepalensis</i> root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1090-1095.	1.7	20
50	<i>Blastococcus xanthinilyticus</i> sp. nov., isolated from monument. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1177-1183.	1.7	14
51	<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
52	<i>Frankia irregularis</i> sp. nov., an actinobacterium unable to nodulate its original host, <i>Casuarina equisetifolia</i> , but effectively nodulates members of the actinorhizal Rhamnales. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2883-2914.	1.7	28
53	<i>Frankia canadensis</i> sp. nov., isolated from root nodules of <i>Alnus incana</i> subspecies <i>rugosa</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3001-3011.	1.7	33
54	Description of a novel species of fast growing mycobacterium: <i>Mycobacterium kyogaense</i> sp. nov., a scotochromogenic strain received as <i>Mycobacterium vaccae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3726-3734.	1.7	10

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55	<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
56	<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
57	<i>Actinomadura alkaliterrae</i> sp. nov., isolated from an alkaline soil. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 787-794.	1.7	12
58	<i>Blastococcus colisei</i> sp. nov, isolated from an archaeological amphitheatre. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 339-346.	1.7	18
59	High quality draft genome of <i>Nakamurella lactea</i> type strain, a rock actinobacterium, and emended description of <i>Nakamurella lactea</i> . <i>Standards in Genomic Sciences</i> , 2017, 12, 4.	1.5	14
60	<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
61	<i>Lentzea chajnantorensis</i> sp. nov., an actinobacterium from a very high altitude Cerro Chajnantor gravel soil in northern Chile. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 795-802.	1.7	23
62	<i>Actinoalloteichus fjordicus</i> sp. nov. isolated from marine sponges: phenotypic, chemotaxonomic and genomic characterisation. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1705-1717.	1.7	7
63	Permanent Draft Genome Sequences of Three <i>Frankia</i> sp. Strains That Are Atypical, Noninfective, Ineffective Isolates. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
64	Proteogenomics data for deciphering <i>Frankia coriariae</i> interactions with root exudates from three host plants. <i>Data in Brief</i> , 2017, 14, 73-76.	1.0	2
65	Permanent Draft Genome Sequence for <i>Frankia</i> sp. Strain Cc1.17, a Nitrogen-Fixing Actinobacterium Isolated from Root Nodules of <i>Colletia cruciata</i> . <i>Genome Announcements</i> , 2017, 5, .	0.8	3
66	<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
67	Host Plant Compatibility Shapes the Proteogenome of <i>Frankia coriariae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 720.	3.5	23
68	Permanent draft genome sequence of <i>Frankia</i> sp. NRRL B-16219 reveals the presence of canonical nod genes, which are highly homologous to those detected in Candidatus <i>Frankia</i> Dg1 genome. <i>Standards in Genomic Sciences</i> , 2017, 12, 51.	1.5	17
69	<i>Frankia coriariae</i> sp. nov., an infective and effective microsymbiont isolated from <i>Coriaria japonica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1266-1270.	1.7	37
70	<i>Mycobacterium eburneum</i> sp. nov., a non-chromogenic, fast-growing strain isolated from sputum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3174-3181.	1.7	13
71	<i>Pseudonocardia nigra</i> sp. nov., isolated from Atacama Desert rock. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2980-2985.	1.7	23
72	<i>Frankia asymbiotica</i> sp. nov., a non-infective actinobacterium isolated from <i>Morella californica</i> root nodule. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4897-4901.	1.7	34

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73	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
74	Taxonomy and systematics of plant probiotic bacteria in the genomic era. AIMS Microbiology, 2017, 3, 383-412.	2.2	29
75	Alder and the Golden Fleece: high diversity of <i>Frankia</i> and ectomycorrhizal fungi revealed from <i>Alnus glutinosa</i> subsp. <i>barbata</i> roots close to a Tertiary and glacial refugium. PeerJ, 2017, 5, e3479.	2.0	15
76	Permanent Improved High-Quality Draft Genome Sequence of <i>Nocardia casuarinae</i> Strain BMG51109, an Endophyte of Actinorhizal Root Nodules of <i>Casuarina glauca</i> . Genome Announcements, 2016, 4, .	0.8	5
77	Draft Genome Sequence of <i>Frankia</i> Strain G2, a Nitrogen-Fixing Actinobacterium Isolated from <i>Casuarina equisetifolia</i> and Able To Nodulate Actinorhizal Plants of the Order <i>Rhamnales</i> . Genome Announcements, 2016, 4, .	0.8	13
78	Permanent Draft Genome Sequence of <i>Nocardia</i> sp. BMG111209, an Actinobacterium Isolated from Nodules of <i>Casuarina glauca</i> . Genome Announcements, 2016, 4, .	0.8	3
79	<i>Geodermatophilus pulveris</i> sp. nov., a gamma-radiation-resistant actinobacterium isolated from the Sahara desert. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3828-3834.	1.7	34
80	<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. saxosidens</i> , <i>B. jejuensis</i> and <i>B. endophyticus</i> . International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4864-4872.	1.7	39
81	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.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5201-5210.	1.7	68
82	<i>Nakamurella silvestris</i> sp. nov., an actinobacterium isolated from alpine forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5460-5464.	1.7	13
83	Cultivating the uncultured: growing the recalcitrant cluster-2 <i>Frankia</i> strains. Scientific Reports, 2015, 5, 13112.	3.3	90
84	Draft Genome Sequence of <i>Frankia</i> sp. Strain DC12, an Atypical, Noninfective, Ineffective Isolate from <i>Datisca cannabina</i> . Genome Announcements, 2015, 3, .	0.8	23
85	<i>In planta</i> sporulation phenotype: a major life history trait to understand the evolution of <i>Frankia</i> strains. Environmental Microbiology, 2015, 17, 3125-3138.	3.8	28
86	Absence of Cospeciation between the Uncultured <i>Frankia</i> Microsymbionts and the Disjunct Actinorhizal <i>Coriaria</i> Species. BioMed Research International, 2014, 2014, 1-9.	1.9	11
87	<i>Nocardia casuarinae</i> sp. nov., an actinobacterial endophyte isolated from root nodules of <i>Casuarina glauca</i> . Antonie Van Leeuwenhoek, 2014, 105, 1099-1106.	1.7	24
88	First report on the occurrence of the uncultivated cluster 2 <i>Frankia</i> microsymbionts in soil outside the native actinorhizal host range area. Journal of Biosciences, 2013, 38, 695-698.	1.1	7
89	Draft Genome Sequence of <i>Frankia</i> sp. Strain QA3, a Nitrogen-Fixing Actinobacterium Isolated from the Root Nodule of <i>Alnus nitida</i> . Genome Announcements, 2013, 1, e0010313.	0.8	39
90	Draft Genome Sequence of <i>Frankia</i> sp. Strain BMG5.12, a Nitrogen-Fixing Actinobacterium Isolated from Tunisian Soils. Genome Announcements, 2013, 1, .	0.8	39

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91	Draft Genome Sequence of <i>Frankia</i> sp. Strain BCU110501, a Nitrogen-Fixing Actinobacterium Isolated from Nodules of <i>Discaria trinevis</i> . Genome Announcements, 2013, 1, .	0.8	40
92	Draft Genome Sequence of <i>Frankia</i> sp. Strain CN3, an Atypical, Noninfective (Nod <sup>+</sup> ) Ineffective (Fix <sup>-</sup> ) Isolate from <i>Coriaria nepalensis</i> . Genome Announcements, 2013, 1, e0008513.	0.8	51
93	Genome Sequence of Radiation-Resistant <i>Modestobacter marinus</i> Strain BC501, a Representative Actinobacterium That Thrives on Calcareous Stone Surfaces. Journal of Bacteriology, 2012, 194, 4773-4774.	2.2	33
94	Genome Sequence of <i>Blastococcus saxobidens</i> DD2, a Stone-Inhabiting Bacterium. Journal of Bacteriology, 2012, 194, 2752-2753.	2.2	37
95	Genetic Diversity and Esterase-Profiling of Actinobacteria Isolated from Sahara Desert Stones and Monuments. Geomicrobiology Journal, 2012, 29, 23-28.	2.0	12
96	Phylogenetic perspectives of nitrogen-fixing actinobacteria. Archives of Microbiology, 2012, 194, 3-11.	2.2	92
97	Phylogeny of members of the <i>Frankia</i> genus based on gyrB, nifH and glnII sequences. Antonie Van Leeuwenhoek, 2011, 100, 579-587.	1.7	62
98	16S-23S rRNA Intergenic Spacer Region Variability in the Genus <i>Frankia</i> . Microbial Ecology, 2010, 60, 487-495.	2.8	65