

Abdelghani Zitouni

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64
papers

1,147
citations

20
h-index

31
g-index

69
ext. papers

1,475
ext. citations

2.8
avg, IF

4.01
L-index

#	Paper	IF	Citations
64	Biocontrol of <i>Rhizoctonia solani</i> damping-off and promotion of tomato plant growth by endophytic actinomycetes isolated from native plants of Algerian Sahara. <i>Microbiological Research</i> , 2014 , 169, 59-65	5.3	121
63	Endophytic actinomycetes from spontaneous plants of Algerian Sahara: indole-3-acetic acid production and tomato plants growth promoting activity. <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 1821-9	4.4	74
62	Isolation, taxonomy, and antagonistic properties of halophilic actinomycetes in Saharan soils of Algeria. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 6710-4	4.8	55
61	Essential oils from wild populations of Algerian <i>Lavandula stoechas</i> L.: composition, chemical variability, and in vitro biological properties. <i>Chemistry and Biodiversity</i> , 2011 , 8, 937-53	2.5	54
60	New dithiopyrrolone antibiotics from <i>Saccharothrix</i> sp. SA 233. I. Taxonomy, fermentation, isolation and biological activities. <i>Journal of Antibiotics</i> , 2002 , 55, 696-701	3.7	51
59	<i>Nocardiopsis</i> and <i>Saccharothrix</i> genera in Saharan soils in Algeria: isolation, biological activities and partial characterization of antibiotics. <i>Research in Microbiology</i> , 2005 , 156, 984-93	4	45
58	Taxonomy and chemical characterization of antibiotics of <i>Streptosporangium</i> Sg 10 isolated from a Saharan soil. <i>Microbiological Research</i> , 2006 , 161, 288-98	5.3	44
57	Potential of endophytic <i>Streptomyces</i> spp. for biocontrol of <i>Fusarium</i> root rot disease and growth promotion of tomato seedlings. <i>Biocontrol Science and Technology</i> , 2016 , 26, 1691-1705	1.7	41
56	Mutactimycin PR, a new anthracycline antibiotic from <i>Saccharothrix</i> sp. SA 103. I. Taxonomy, fermentation, isolation and biological activities. <i>Journal of Antibiotics</i> , 2004 , 57, 367-72	3.7	35
55	New dithiopyrrolone antibiotics from <i>Saccharothrix</i> sp. SA 233. II. Physicochemical properties and structure elucidation. <i>Journal of Antibiotics</i> , 2002 , 55, 702-6	3.7	31
54	Biocontrol Capacities and Plant Growth-Promoting Traits of Endophytic Actinobacteria Isolated from Native Plants of Algerian Sahara. <i>Journal of Plant Diseases and Protection</i> , 2015 , 122, 215-223	1.5	26
53	<i>Actinopolyspora mzabensis</i> sp. nov., a halophilic actinomycete isolated from an Algerian Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3787-3792	2.2	25
52	A new <i>Streptomyces</i> strain isolated from Saharan soil produces di-(2-ethylhexyl) phthalate, a metabolite active against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Annals of Microbiology</i> , 2015 , 65, 1341-1350	3.2	22
51	Antifungal properties of an actinomycin D-producing strain, <i>Streptomyces</i> sp. IA1, isolated from a Saharan soil. <i>Journal of Basic Microbiology</i> , 2015 , 55, 221-8	2.7	22
50	<i>Saccharothrix</i> sp. PAL54, a new chloramphenicol-producing strain isolated from a Saharan soil. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 943-51	4.4	22
49	Antibiotic R2, a new angucyclinone compound from <i>Streptosporangium</i> sp. Sg3. <i>Journal of Antibiotics</i> , 2010 , 63, 709-11	3.7	22
48	<i>Nocardiopsis algeriensis</i> sp. nov., an alkalitolerant actinomycete isolated from Saharan soil. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 313-20	2.1	21

47	Saccharothrix hoggarensis sp. nov., an actinomycete isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 549-553	2.2	21
46	Actinopolyspora righensis sp. nov., a novel halophilic actinomycete isolated from Saharan soil in Algeria. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 301-7	2.1	20
45	Actinopolyspora saharensis sp. nov., a novel halophilic actinomycete isolated from a Saharan soil of Algeria. <i>Antonie Van Leeuwenhoek</i> , 2013 , 103, 771-6	2.1	20
44	Plant-growth-promoting potential of endosymbiotic actinobacteria isolated from sand truffles (<i>Terfezia leonis</i> Tul.) of the Algerian Sahara. <i>Annals of Microbiology</i> , 2016 , 66, 91-100	3.2	19
43	Actinopolyspora algeriensis sp. nov., a novel halophilic actinomycete isolated from a Saharan soil. <i>Extremophiles</i> , 2012 , 16, 771-6	3	18
42	Actinokineospora mzabensis sp. nov., a novel actinomycete isolated from Saharan soil. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 291-6	2.1	16
41	Saccharothrix tamanrassetensis sp. nov., an actinomycete isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1316-1320	2.2	16
40	Prauserella isguenensis sp. nov., a halophilic actinomycete isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1598-1603	2.2	16
39	Streptosporangium becharensis sp. nov., an actinobacterium isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2484-2490	2.2	16
38	Development of formulations based on Streptomyces rochei strain PTL2 spores for biocontrol of Rhizoctonia solani damping-off of tomato seedlings. <i>Biocontrol Science and Technology</i> , 2017 , 27, 723-738	1.7	15
37	Saccharothrix saharensis sp. nov., an actinomycete isolated from Algerian Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3744-3749	2.2	15
36	Saccharopolyspora ghardaiensis sp. nov., an extremely halophilic actinomycete isolated from Algerian Saharan soil. <i>Journal of Antibiotics</i> , 2014 , 67, 299-303	3.7	14
35	Mutactimycin PR, a new anthracycline antibiotic from Saccharothrix sp. SA 103. II. Physico-chemical properties and structure elucidation. <i>Journal of Antibiotics</i> , 2004 , 57, 373-8	3.7	14
34	Streptomyces sp. AT37 isolated from a Saharan soil produces a furanone derivative active against multidrug-resistant Staphylococcus aureus. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 105	4.4	13
33	Efficiency of Saccharothrix algeriensis NRRL B-24137 and Its Produced Antifungal Dithiopyrrolones Compounds to Suppress Fusarium oxysporum-Induced Wilt Disease Occurring in Some Cultivated Crops. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 2321-2327	2.5	13
32	Nocardiopsis dassonvillei strain MB22 from the Algerian Sahara promotes wheat seedlings growth and potentially controls the common root rot pathogen Bipolaris sorokiniana. <i>Journal of Plant Pathology</i> , 2019 , 101, 1115-1125	1	13
31	Mzabimycetes algeriensis gen. nov., sp. nov., a halophilic filamentous actinobacterium isolated from a Saharan soil, and proposal of Mzabimycetaceae fam. nov. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 1021-30	2.1	13
30	Streptomonospora algeriensis sp. nov., a halophilic actinomycete isolated from soil in Algeria. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 287-92	2.1	13

29	Bounagaea algeriensis gen. nov., sp. nov., an extremely halophilic actinobacterium isolated from a Saharan soil of Algeria. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 473-82	2.1	12
28	Biocontrol and plant-growth-promoting capacities of actinobacterial strains from the Algerian Sahara and characterisation of Streptosporangium becharensis SG1 as a promising biocontrol agent. <i>Biocontrol Science and Technology</i> , 2018 , 28, 858-873	1.7	11
27	Saccharothrix ghardaiensis sp. nov., an actinobacterium isolated from Saharan soil. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 399-405	2.1	10
26	Planomonospora algeriensis sp. nov., an actinobacterium isolated from a Saharan soil of Algeria. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 245-252	2.1	10
25	Streptosporangium saharense sp. nov., an actinobacterium isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1371-1376	2.2	10
24	Deoxynivalenol-producing ability of Fusarium culmorum strains and their impact on infecting barley in Algeria. <i>World Journal of Microbiology and Biotechnology</i> , 2015 , 31, 875-81	4.4	9
23	Actinoalloteichus hoggarensis sp. nov., an actinomycete isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2006-2010	2.2	9
22	Actinopolyspora biskrensis sp. nov., a novel halophilic actinomycete isolated from Northern Sahara. <i>Current Microbiology</i> , 2015 , 70, 423-8	2.4	8
21	Taxonomic study and partial characterization of antimicrobial compounds from a moderately halophilic strain of the genus Actinoalloteichus. <i>Brazilian Journal of Microbiology</i> , 2011 , 42, 835-45	2.2	8
20	sp. nov., an actinobacterium isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1034-1038	2.2	8
19	Saccharothrix isguenensis sp. nov., an actinobacterium isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4785-4790	2.2	8
18	Production of vineomycin A1 and chaetoglobosin A by Streptomyces sp. PAL114. <i>Annals of Microbiology</i> , 2015 , 65, 1351-1359	3.2	7
17	Thermoactinomyces khenchelensis sp. nov., a filamentous bacterium isolated from soil sediment of a terrestrial hot spring. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 311-7	2.1	7
16	A novel strain of Actinopolyspora mortivallis with antibacterial activity isolated from a Saharan soil. <i>Annals of Microbiology</i> , 2012 , 62, 1049-1057	3.2	6
15	Diversity and antagonistic properties of culturable halophilic actinobacteria in soils of two arid regions of septentrional Sahara: M'rab and Zibans. <i>Annals of Microbiology</i> , 2015 , 65, 2241-2253	3.2	5
14	Composition, Antioxidant and Antimicrobial Activities of Algerian Rosmarinus officinalis L. Extracts. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015 , 18, 654-665	1.7	4
13	Taxonomy and antimicrobial activities of two novel halophilic Saccharomonospora strains isolated in Algerian Sahara soils. <i>Annals of Microbiology</i> , 2011 , 61, 299-305	3.2	4
12	Detection of methicillin-resistant coagulase-negative staphylococci and PVL/mecA genes in cefoxitin-susceptible Staphylococcus aureus (t044/ST80) from unpasteurized milk sold in stores in Djelfa, Algeria. <i>Journal of Dairy Science</i> , 2021 , 104, 2684-2692	4	3

11	Actinobacteria Associated with Vineyard Soils of Algeria: Classification, Antifungal Potential Against Grapevine Trunk Pathogens and Plant Growth-Promoting Features. <i>Current Microbiology</i> , 2020 , 77, 2831-2840	2.4	2
10	Potential for plant growth promotion of <i>Kocuria arsenatis</i> Strain ST19 on tomato under salt stress conditions. <i>South African Journal of Botany</i> , 2021 , 138, 94-104	2.9	2
9	Climatic Zone and Soil Properties Determine the Biodiversity of the Soil Bacterial Communities Associated to Native Plants from Desert Areas of North-Central Algeria. <i>Microorganisms</i> , 2021 , 9,	4.9	2
8	Endophytic Actinobacteria from Native Plants of Algerian Sahara: Potential Agents for Biocontrol and Promotion of Plant Growth 2018 , 109-124		2
7	Phytochemical profiling, antioxidant and antimicrobial effectiveness of <i>Rosmarinus tournefortii</i> De Noe extracts issued from different regions of Algeria. <i>Journal of Essential Oil Research</i> , 2020 , 32, 247-259	2.3	1
6	Isolation, Classification and Antagonistic Properties of Alkalitolerant Actinobacteria from Algerian Saharan Soils. <i>Geomicrobiology Journal</i> , 2020 , 37, 826-836	2.5	1
5	Optimization of cultural conditions using response surface methodology and modeling of indole-3-acetic acid production by <i>Saccharothrix texasensis</i> MB15. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022 , 39, 102271	4.2	1
4	<i>Saccharothrix algeriensis</i> NRRL B-24137, the first non- <i>Streptomyces</i> actinobacterium, produces holomycin after cystine feeding. <i>Archives of Microbiology</i> , 2020 , 202, 2509-2516	3	1
3	Thermo-halotolerant mycelial bacteria from Algerian soils: Isolation, taxonomy and antagonistic properties. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 33, 101972	4.2	0
2	Performance of halotolerant bacteria associated with Sahara-inhabiting halophytes <i>Atriplex halimus</i> L. and <i>Lygeum spartum</i> L. ameliorate tomato plant growth and tolerance to saline stress: from selective isolation to genomic analysis of potential determinants.. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 38, 16	4.4	0
1	Isolation and Characterization of a New <i>Streptomyces</i> strain LG10 from an Unexploited Algerian Saharan Atlas. <i>Advanced Research in Life Sciences</i> , 2021 , 5, 36-45	0.3	