

Roberto De Philippis

List of Publications by Year in descending order

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126
papers

7,054
citations

57719

44
h-index

64755

79
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134
all docs

134
docs citations

134
times ranked

5551
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexity of cyanobacterial exopolysaccharides: composition, structures, inducing factors and putative genes involved in their biosynthesis and assembly. <i>FEMS Microbiology Reviews</i> , 2009, 33, 917-941.	3.9	522
2	Exocellular polysaccharides from cyanobacteria and their possible applications. <i>FEMS Microbiology Reviews</i> , 1998, 22, 151-175.	3.9	346
3	Role of Cyanobacterial Exopolysaccharides in Phototrophic Biofilms and in Complex Microbial Mats. <i>Life</i> , 2015, 5, 1218-1238.	1.1	291
4	Exocellular polysaccharides from cyanobacteria and their possible applications. <i>FEMS Microbiology Reviews</i> , 1998, 22, 151-175.	3.9	272
5	Exopolysaccharide-producing cyanobacteria in heavy metal removal from water: molecular basis and practical applicability of the biosorption process. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 697-708.	1.7	246
6	Exopolysaccharide-producing cyanobacteria and their possible exploitation: A review. <i>Journal of Applied Phycology</i> , 2001, 13, 293-299.	1.5	240
7	Generation of superoxide anion and SOD activity in haemocytes and muscle of American white shrimp (<i>Litopenaeus setiferus</i>) Tj ETQq1 1 0.784314 rgBT /Cv 353-366.	1.6	217
8	Microbial secreted exopolysaccharides affect the hydrological behavior of induced biological soil crusts in desert sandy soils. <i>Soil Biology and Biochemistry</i> , 2014, 68, 62-70.	4.2	199
9	Cyanobacterial inoculation (cyanobacterisation): Perspectives for the development of a standardized multifunctional technology for soil fertilization and desertification reversal. <i>Earth-Science Reviews</i> , 2017, 171, 28-43.	4.0	159
10	Cyanobacteria Inoculation Improves Soil Stability and Fertility on Different Textured Soils: Gaining Insights for Applicability in Soil Restoration. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	159
11	The role of the exopolysaccharides in enhancing hydraulic conductivity of biological soil crusts. <i>Soil Biology and Biochemistry</i> , 2012, 46, 33-40.	4.2	148
12	Microbial extracellular polymeric substances improve water retention in dryland biological soil crusts. <i>Soil Biology and Biochemistry</i> , 2018, 116, 67-69.	4.2	144
13	Potential of Unicellular Cyanobacteria from Saline Environments as Exopolysaccharide Producers. <i>Applied and Environmental Microbiology</i> , 1998, 64, 1130-1132.	1.4	125
14	Using extracellular polymeric substances (EPS)-producing cyanobacteria for the bioremediation of heavy metals: do cations compete for the EPS functional groups and also accumulate inside the cell?. <i>Microbiology (United Kingdom)</i> , 2011, 157, 451-458.	0.7	118
15	Complex role of the polymeric matrix in biological soil crusts. <i>Plant and Soil</i> , 2018, 429, 19-34.	1.8	116
16	Exopolysaccharide production by a unicellular cyanobacterium isolated from a hypersaline habitat. <i>Journal of Applied Phycology</i> , 1993, 5, 387-394.	1.5	114
17	Photobioreactor design and illumination systems for H ₂ production with anoxygenic photosynthetic bacteria: A review. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3127-3141.	3.8	109
18	Characteristics and role of the exocellular polysaccharides produced by five cyanobacteria isolated from phototrophic biofilms growing on stone monuments. <i>Biofouling</i> , 2012, 28, 215-224.	0.8	104

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19	Effects of heavy metals on <i>Cyanothece</i> sp. CCY 0110 growth, extracellular polymeric substances (EPS) production, ultrastructure and protein profiles. <i>Journal of Proteomics</i> , 2015, 120, 75-94.	1.2	95
20	Selectivity in the heavy metal removal by exopolysaccharide-producing cyanobacteria. <i>Journal of Applied Microbiology</i> , 2008, 105, 88-94.	1.4	91
21	Production and characterization of extracellular carbohydrate polymer from <i>Cyanothece</i> sp. CCY 0110. <i>Carbohydrate Polymers</i> , 2013, 92, 1408-1415.	5.1	89
22	Macromolecular and chemical features of the excreted extracellular polysaccharides in induced biological soil crusts of different ages. <i>Soil Biology and Biochemistry</i> , 2014, 78, 1-9.	4.2	89
23	Glycogen and poly- β -hydroxybutyrate synthesis in <i>Spirulina maxima</i> . <i>Journal of General Microbiology</i> , 1992, 138, 1623-1628.	2.3	84
24	Heavy metal sorption by released polysaccharides and whole cultures of two exopolysaccharide-producing cyanobacteria. <i>Biodegradation</i> , 2007, 18, 181-187.	1.5	77
25	Use of cyanobacterial polysaccharides to promote shrub performances in desert soils: a potential approach for the restoration of desertified areas. <i>Biology and Fertility of Soils</i> , 2013, 49, 143-152.	2.3	77
26	Occurrence of poly- β -hydroxybutyrate in <i>Spirulina</i> species. <i>Journal of Bacteriology</i> , 1990, 172, 2791-2792.	1.0	74
27	Released polysaccharides (RPS) from <i>Cyanothece</i> sp. CCY 0110 as biosorbent for heavy metals bioremediation: interactions between metals and RPS binding sites. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7765-7775.	1.7	72
28	Development of the polysaccharidic matrix in biocrusts induced by a cyanobacterium inoculated in sand microcosms. <i>Biology and Fertility of Soils</i> , 2018, 54, 27-40.	2.3	72
29	Assessment of the metal removal capability of two capsulated cyanobacteria, <i>Cyanospira capsulata</i> and <i>Nostoc PCC7936</i> . <i>Journal of Applied Phycology</i> , 2003, 15, 155-161.	1.5	69
30	Sustained outdoor H ₂ production with <i>Rhodospseudomonas palustris</i> cultures in a 50L tubular photobioreactor. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 8840-8849.	3.8	65
31	Studies on exopolysaccharide release by diazotrophic batch cultures of <i>Cyanospira capsulata</i> . <i>Applied Microbiology and Biotechnology</i> , 1990, 34, 392-396.	1.7	64
32	Characterization of exopolysaccharides produced by seven biofilm-forming cyanobacterial strains for biotechnological applications. <i>Journal of Applied Phycology</i> , 2013, 25, 1697-1708.	1.5	64
33	Hydrogen production during stationary phase in purple photosynthetic bacteria. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 6525-6534.	3.8	63
34	The potential of the cyanobacterium <i>Leptolyngbya ohadii</i> as inoculum for stabilizing bare sandy substrates. <i>Soil Biology and Biochemistry</i> , 2018, 127, 318-328.	4.2	61
35	Microbial fixation of CO ₂ in water bodies and in drylands to combat climate change, soil loss and desertification. <i>New Biotechnology</i> , 2015, 32, 109-120.	2.4	59
36	Exocellular Polysaccharides in Microalgae and Cyanobacteria: Chemical Features, Role and Enzymes and Genes Involved in Their Biosynthesis. , 2016, , 565-590.		59

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37	Hydrogen-producing purple non-sulfur bacteria isolated from the trophic lake Averno (Naples, Italy). <i>International Journal of Hydrogen Energy</i> , 2010, 35, 12216-12223.	3.8	56
38	Effects of growth conditions on exopolysaccharide production by <i>Cyanospira capsulata</i> . <i>Bioresource Technology</i> , 1991, 38, 101-104.	4.8	54
39	H and poly- β -hydroxybutyrate, two alternative chemicals from purple non sulfur bacteria. <i>Biotechnology Letters</i> , 1997, 19, 759-762.	1.1	51
40	Control of Lunar and Martian Dustâ€™Experimental Insights from Artificial and Natural Cyanobacterial and Algal Crusts in the Desert of Inner Mongolia, China. <i>Astrobiology</i> , 2008, 8, 75-86.	1.5	51
41	Bread wastes to energy: Sequential lactic and photo-fermentation for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9569-9576.	3.8	51
42	Effect of light and temperature on biomass, photosynthesis and capsular polysaccharides in cultured phototrophic biofilms. <i>Journal of Applied Phycology</i> , 2012, 24, 211-220.	1.5	50
43	Soil Type and Cyanobacteria Species Influence the Macromolecular and Chemical Characteristics of the Polysaccharidic Matrix in Induced Biocrusts. <i>Microbial Ecology</i> , 2019, 78, 482-493.	1.4	48
44	Sheathless Mutant of Cyanobacterium <i>Gloeotheca</i> sp. Strain PCC 6909 with Increased Capacity To Remove Copper Ions from Aqueous Solutions. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2797-2804.	1.4	47
45	A <i>Rhodospseudomonas palustris</i> nifA* mutant produces H ₂ from -containing vegetable wastes. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 15893-15900.	3.8	46
46	Capsular polysaccharides of cultured phototrophic biofilms. <i>Biofouling</i> , 2009, 25, 495-504.	0.8	45
47	Energy conversion of biomass crops and agroindustrial residues by combined biohydrogen/biomethane system and anaerobic digestion. <i>Bioresource Technology</i> , 2016, 211, 509-518.	4.8	45
48	Response of an exopolysaccharide-producing heterocystous cyanobacterium to changes in metabolic carbon flux. <i>Journal of Applied Phycology</i> , 1996, 8, 275-281.	1.5	42
49	Rhizosphere effect and salinity competing to shape microbial communities in <i>Phragmites australis</i> (Cav.) Trin. ex-Steud. <i>FEMS Microbiology Letters</i> , 2014, 359, 193-200.	0.7	41
50	Title is missing!. <i>Journal of Applied Phycology</i> , 2000, 12, 401-407.	1.5	38
51	Characterizing cultivable soil microbial communities from copper fungicide-amended olive orchard and vineyard soils. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 309-318.	1.7	38
52	Chemical composition of volatile oil from <i>Artemisia ordosica</i> and its allelopathic effects on desert soil microalgae, <i>Palmellocooccus miniatus</i> . <i>Plant Physiology and Biochemistry</i> , 2012, 51, 153-158.	2.8	38
53	Optimization of copper sorbing?desorbing cycles with confined cultures of the exopolysaccharide-producing cyanobacterium <i>Cyanospira capsulata</i> . <i>Journal of Applied Microbiology</i> , 2006, 101, 1351-1356.	1.4	37
54	Cyanoflan: A cyanobacterial sulfated carbohydrate polymer with emulsifying properties. <i>Carbohydrate Polymers</i> , 2020, 229, 115525.	5.1	36

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55	Anti-Inflammatory Activity of Exopolysaccharides from <i>Phormidium</i> sp. ETS05, the Most Abundant Cyanobacterium of the Therapeutic Euganean Thermal Muds, Using the Zebrafish Model. <i>Biomolecules</i> , 2020, 10, 582.	1.8	35
56	Populations of exopolysaccharide-producing cyanobacteria and diatoms in the mucilaginous benthic aggregates of the Tyrrhenian Sea (Tuscan Archipelago). <i>Science of the Total Environment</i> , 2005, 353, 360-368.	3.9	34
57	A novel two-phase bioprocess for the production of <i>Arthrospira</i> (<i>Spirulina</i>) <i>maxima</i> LJGR1 at pilot plant scale during different seasons and for phycocyanin induction under controlled conditions. <i>Bioresource Technology</i> , 2020, 298, 122548.	4.8	34
58	Cyanobacteria inoculation as a potential tool for stabilization of burned soils. <i>Restoration Ecology</i> , 2020, 28, S106.	1.4	34
59	Induced biological soil crusts and soil properties varied between slope aspect, slope gradient and plant canopy in the Hobq desert of China. <i>Catena</i> , 2020, 190, 104559.	2.2	34
60	<i>Leptolyngbya</i> strains from Roman hypogea: cytochemical and physico-chemical characterisation of exopolysaccharides. <i>Journal of Applied Phycology</i> , 2003, 15, 193-200.	1.5	33
61	Treatment of Cr(VI)-containing wastewaters with exopolysaccharide-producing cyanobacteria in pilot flow through and batch systems. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1953-1961.	1.7	33
62	Factors affecting poly- γ -hydroxybutyrate accumulation in cyanobacteria and in purple non-sulfur bacteria. <i>FEMS Microbiology Letters</i> , 1992, 103, 187-194.	0.7	32
63	UV-B resistance as a criterion for the selection of desert microalgae to be utilized for inoculating desert soils. <i>Journal of Applied Phycology</i> , 2013, 25, 1009-1015.	1.5	32
64	Acclimation strategy of <i>Rhodospseudomonas palustris</i> to high light irradiance. <i>Microbiological Research</i> , 2017, 197, 49-55.	2.5	32
65	Selective biosorption and recovery of Ruthenium from industrial effluents with <i>Rhodospseudomonas palustris</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 381-387.	1.7	30
66	The alternative sigma factor SigF is a key player in the control of secretion mechanisms in <i>Synechocystis</i> sp. PCC 6803. <i>Environmental Microbiology</i> , 2019, 21, 343-359.	1.8	29
67	Assembly and Export of Extracellular Polymeric Substances (EPS) in Cyanobacteria. <i>Advances in Botanical Research</i> , 2013, 65, 235-279.	0.5	28
68	Shifting Species Interaction in Soil Microbial Community and Its Influence on Ecosystem Functions Modulating. <i>Microbial Ecology</i> , 2013, 65, 700-708.	1.4	28
69	Agroindustrial residues and energy crops for the production of hydrogen and poly- γ -hydroxybutyrate via photofermentation. <i>Bioresource Technology</i> , 2016, 216, 941-947.	4.8	28
70	Seasonal succession of phototrophic biofilms in an Italian wastewater treatment plant: biovolume, spatial structure and exopolysaccharides. <i>Aquatic Microbial Ecology</i> , 2006, 45, 301-312.	0.9	28
71	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2000, 16, 655-661.	1.7	27
72	The role of grain size and inoculum amount on biocrust formation by <i>Leptolyngbya ohadii</i> . <i>Catena</i> , 2020, 184, 104248.	2.2	27

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73	Hydrogen production under salt stress conditions by a freshwater <i>Rhodospseudomonas palustris</i> strain. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2917-2926.	1.7	26
74	The role of the tyrosine kinase Wzc (SlI0923) and the phosphatase Wzb (Slr0328) in the production of extracellular polymeric substances (EPS) by <i>Synechocystis</i> PCC 6803. <i>MicrobiologyOpen</i> , 2019, 8, e00753.	1.2	26
75	Exopolysaccharides of Two Cyanobacterial Strains from Roman Hypogea. <i>Geomicrobiology Journal</i> , 2006, 23, 301-310.	1.0	25
76	Stability of molecular and rheological properties of the exopolysaccharide produced by <i>Cyanospira capsulata</i> cultivated under different growth conditions. <i>Journal of Applied Phycology</i> , 1993, 5, 539-541.	1.5	24
77	Rheology of culture broths and exopolysaccharide of <i>Cyanospira capsulata</i> at different stages of growth. <i>Carbohydrate Polymers</i> , 1992, 17, 1-10.	5.1	23
78	Gold biosorption by exopolysaccharide producing cyanobacteria and purple nonsulphur bacteria. <i>Journal of Applied Microbiology</i> , 2012, 113, 1380-1388.	1.4	23
79	Differentiation of the characteristics of excreted extracellular polysaccharides reveals the heterogeneous primary succession of induced biological soil crusts. <i>Journal of Applied Phycology</i> , 2015, 27, 1935-1944.	1.5	23
80	Cyanobacterial biocrust induction: A comprehensive review on a soil rehabilitation-effective biotechnology. <i>Geoderma</i> , 2022, 415, 115766.	2.3	23
81	H ₂ production in <i>Rhodospseudomonas palustris</i> as a way to cope with high light intensities. <i>Research in Microbiology</i> , 2016, 167, 350-356.	1.0	22
82	Mixotrophic cultivation of <i>Chlorococcum</i> sp. under non-controlled conditions using a digestate from pig manure within a biorefinery. <i>Journal of Applied Phycology</i> , 2018, 30, 2847-2857.	1.5	22
83	Introducing capnophilic lactic fermentation in a combined dark-photo fermentation process: a route to unparalleled H ₂ yields. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1001-1010.	1.7	21
84	Pore characteristics in biological soil crusts are independent of extracellular polymeric substances. <i>Soil Biology and Biochemistry</i> , 2016, 103, 294-299.	4.2	21
85	Exopolysaccharide Features Influence Growth Success in Biocrust-forming Cyanobacteria, Moving From Liquid Culture to Sand Microcosms. <i>Frontiers in Microbiology</i> , 2020, 11, 568224.	1.5	21
86	A novel method to evaluate nutrient retention by biological soil crust exopolymeric matrix. <i>Plant and Soil</i> , 2018, 429, 53-64.	1.8	20
87	Increased algicidal activity of <i>Aeromonas veronii</i> in response to <i>Microcystis aeruginosa</i> : interspecies crosstalk and secondary metabolites synergism. <i>Environmental Microbiology</i> , 2019, 21, 1140-1150.	1.8	20
88	Effectiveness of <i>Cyanothece</i> spp. and <i>Cyanospira capsulata</i> exocellular polysaccharides as antiadhesive agents for blocking attachment of <i>Helicobacter pylori</i> to human gastric cells. <i>Folia Microbiologica</i> , 2004, 49, 64-70.	1.1	19
89	Cyanobacteria in biofilms on stone temples of Bhubaneswar, Eastern India. <i>Algological Studies (Stuttgart, Germany)</i> , 2015, 147, 67-93.	0.4	18
90	Overcoming field barriers to restore dryland soils by cyanobacteria inoculation. <i>Soil and Tillage Research</i> , 2021, 207, 104799.	2.6	18

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91	Two halophilic <i>Ectothiorhodospira</i> strains with unusual morphological, physiological and biochemical characters. <i>Archives of Microbiology</i> , 1988, 149, 273-279.	1.0	17
92	Biosorption of Copper by Cyanobacterial Bloom-Derived Biomass Harvested from the Eutrophic Lake Dianchi in China. <i>Current Microbiology</i> , 2010, 61, 340-345.	1.0	17
93	Characterization and antitumor activity of the extracellular carbohydrate polymer from the cyanobacterium <i>Synechocystis</i> P ⁺ sigF mutant. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1219-1227.	3.6	17
94	Identification of aqueous extracts from <i>Artemisia ordosica</i> and their allelopathic effects on desert soil algae. <i>Chemoecology</i> , 2019, 29, 61-71.	0.6	17
95	Multiple diversity facets of crucial microbial groups in biological soil crusts promote soil multifunctionality. <i>Global Ecology and Biogeography</i> , 2021, 30, 1204-1217.	2.7	16
96	The facilitative effects of shrub on induced biological soil crust development and soil properties. <i>Applied Soil Ecology</i> , 2019, 137, 129-138.	2.1	15
97	Heterotrophic metabolism and diazotrophic growth of <i>Nostoc</i> sp. from <i>Cycas circinalis</i> . <i>Plant and Soil</i> , 1988, 110, 199-206.	1.8	14
98	Hydrogen Production: Photofermentation. , 2012, , 53-75.		14
99	Differentiation of microbial activity and functional diversity between various biocrust elements in a heterogeneous crustal community. <i>Catena</i> , 2016, 147, 138-145.	2.2	14
100	Drought-tolerant cyanobacteria and mosses as biotechnological tools to attain land degradation neutrality. <i>Web Ecology</i> , 2021, 21, 65-78.	0.4	14
101	Ammonia photoproduction by <i>Cyanospira ripphae</i> cells entrapped in dialysis tube. <i>Experientia</i> , 1986, 42, 1040-1043.	1.2	13
102	Rhizosphere root system changes exopolysaccharide content but stabilizes bacterial community across contrasting seasons in a desert environment. <i>Environmental Microbiomes</i> , 2022, 17, 14.	2.2	13
103	Draft genome sequence and overview of the purple non sulfur bacterium <i>Rhodospseudomonas palustris</i> 42OL. <i>Standards in Genomic Sciences</i> , 2016, 11, 24.	1.5	12
104	Photosynthetic Purple Non Sulfur Bacteria in Hydrogen Producing Systems: New Approaches in the Use of Well Known and Innovative Substrates. , 2017, , 321-350.		11
105	The role of hydrogen metabolism in photoheterotrophic cultures of the cyanobacterium <i>Nostoc</i> sp. strain Cc isolated from <i>Cycas circinalis</i> L. <i>Journal of General Microbiology</i> , 1990, 136, 1009-1015.	2.3	10
106	Use of quantitative PCR with the chloroplast gene <i>rps4</i> to determine moss abundance in the early succession stage of biological soil crusts. <i>Biology and Fertility of Soils</i> , 2016, 52, 595-599.	2.3	9
107	Biotransformation of water lettuce (<i>Pistia stratiotes</i>) to biohydrogen by <i>Rhodospseudomonas palustris</i> . <i>Journal of Applied Microbiology</i> , 2017, 123, 1438-1446.	1.4	9
108	Biosorption and Recovery of Chromium from Industrial Wastewaters By Using <i>Saccharomyces cerevisiae</i> in a Flow-Through System. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 4452-4457.	1.8	8

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109	Monosaccharide composition of primary cell wall polysaccharides as a developmental level indicator of biological soil crusts. <i>Catena</i> , 2020, 195, 104782.	2.2	8
110	Carbohydrate synthesis by two <i>Navicula</i> strains isolated from benthic and pelagic mucilages in the Tyrrhenian Sea (Tuscan Archipelago). <i>Journal of Applied Phycology</i> , 2003, 15, 259-261.	1.5	7
111	Exopolysaccharides in cyanobacterial biofilms from Roman catacombs. <i>Algological Studies</i> , 2005, 117, 117-132.	0.1	7
112	Combined Systems for Maximum Substrate Conversion. , 2012, , 107-126.		7
113	Photosynthesis and Hydrogen Production in Purple Non Sulfur Bacteria: Fundamental and Applied Aspects. <i>Advances in Photosynthesis and Respiration</i> , 2014, , 269-290.	1.0	7
114	In vivo anti-inflammatory and antioxidant effects of microbial polysaccharides extracted from Euganean therapeutic muds. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1710-1719.	3.6	7
115	Purple Bacteria: Electron Acceptors and Donors. , 2013, , 693-699.		5
116	Marine Cyanobacteria as a Potential Source of Biomass and Chemicals. <i>International Journal of Solar Energy</i> , 1988, 6, 235-246.	0.2	4
117	Heavy Metal Removal with Exopolysaccharide-Producing Cyanobacteria. <i>Advances in Industrial and Hazardous Wastes Treatment Series</i> , 2009, , .	0.0	4
118	High Arctic biocrusts: characterization of the exopolysaccharidic matrix. <i>Polar Biology</i> , 2020, 43, 1805-1815.	0.5	4
119	Heterotrophic metabolism and diazotrophic growth of <i>Nostoc</i> sp. from <i>Cycas circinalis</i> . , 1989, , 63-70.		4
120	Differential proteomes of the cyanobacterium <i>Cyanothece</i> sp. CCY 0110 upon exposure to heavy metals. <i>Data in Brief</i> , 2015, 4, 152-158.	0.5	3
121	Factors affecting poly- β -hydroxybutyrate accumulation in cyanobacteria and in purple non-sulfur bacteria. <i>FEMS Microbiology Letters</i> , 1992, 103, 187-194.	0.7	2
122	Phylogenetic, morphological and biochemical studies on <i>Thermospirulina andreolii</i> gen. & sp. nov. (Cyanophyta) from the Euganean Thermal District (Italy). <i>Phycologia</i> , 2021, 60, 487-496.	0.6	2
123	Sheathless Mutant of Cyanobacterium <i>Gloeotheca</i> sp. Strain PCC 6909 with Increased Capacity To Remove Copper Ions from Aqueous Solutions. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5266-5266.	1.4	1
124	Comment on "Kidron, G. J. (2018). Biocrust research: A critical view on eight common hydrological-related paradigms and dubious theses. <i>Ecohydrology</i> , e2061. Ecohydrology, 2020, 13, e2215.	1.1	1
125	New and traditional energy resources from microbial activities in the agroindustrial system. <i>Italian Journal of Agronomy</i> , 2009, 4, 141.	0.4	0
126	Microbial fixation of CO ₂ in water bodies and in drylands to combat climate change, soil loss and desertification. <i>New Biotechnology</i> , 2014, 31, S25.	2.4	0