

Barbara Nicolaus

List of Publications by Year in descending order

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147
papers

6,423
citations

53794

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74
g-index

152
all docs

152
docs citations

152
times ranked

5730
citing authors

#	ARTICLE	IF	CITATIONS
1	Prokaryotic Diversity of the Composting Thermophilic Phase: The Case of Ground Coffee Compost. <i>Microorganisms</i> , 2021, 9, 218.	3.6	17
2	Productivity and Nutritional Trait Improvements of Different Tomatoes Cultivated with Effective Microorganisms Technology. <i>Agriculture (Switzerland)</i> , 2021, 11, 112.	3.1	10
3	Determination of flavor-potentiating compounds in different Italian tomato varieties. <i>Journal of Food Biochemistry</i> , 2021, 45, e13736.	2.9	5
4	Biomass Valorization: Sustainable Methods for the Production of Hemicellulolytic Catalysts from <i>Thermoanaerobacterium thermotolerans</i> strain BUFF. <i>Resources</i> , 2021, 10, 115.	3.5	1
5	Vegetable wastes derived polysaccharides as natural eco-friendly plasticizers of sodium alginate. <i>Carbohydrate Polymers</i> , 2020, 229, 115427.	10.2	53
6	Structural characterization and functional properties of novel exopolysaccharide from the extremely halotolerant <i>Halomonas elongata</i> S6. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 95-104.	7.5	18
7	<i>Acinetobacter mesopotamicus</i> sp. nov., Petroleum-degrading Bacterium, Isolated from Petroleum-Contaminated Soil in Diyarbakir, in the Southeast of Turkey. <i>Current Microbiology</i> , 2020, 77, 3192-3200.	2.2	16
8	Novel Psychrophiles and Exopolymers from Permafrost Thaw Lake Sediments. <i>Microorganisms</i> , 2020, 8, 1282.	3.6	12
9	Hetero-exopolysaccharide from the extremely halophilic <i>Halomonas smyrnensis</i> K2: production, characterization and functional properties in vitro. <i>3 Biotech</i> , 2020, 10, 395.	2.2	8
10	Evaluation of the production of exopolysaccharides by newly isolated <i>Halomonas</i> strains from Tunisian hypersaline environments. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 658-666.	7.5	26
11	<i>Parageobacillus thermantarcticus</i> , an Antarctic Cell Factory: From Crop Residue Valorization by Green Chemistry to Astrobiology Studies. <i>Diversity</i> , 2019, 11, 128.	1.7	13
12	Bioprospecting of exopolysaccharide-producing bacteria from different natural ecosystems for biopolymer synthesis from vinasse. <i>Chemical and Biological Technologies in Agriculture</i> , 2019, 6, .	4.6	28
13	The production of second generation bioethanol: The biotechnology potential of thermophilic bacteria. <i>Journal of Cleaner Production</i> , 2019, 233, 1410-1417.	9.3	59
14	Exploring Marine Environments for the Identification of Extremophiles and Their Enzymes for Sustainable and Green Bioprocesses. <i>Sustainability</i> , 2019, 11, 149.	3.2	45
15	Quorum Sensing in Extremophiles. , 2019, , 97-123.		5
16	Isolation, characterization and optimization of EPSs produced by a cold-adapted <i>Marinobacter</i> isolate from Antarctic seawater. <i>Antarctic Science</i> , 2019, 31, 69-79.	0.9	31
17	Extracellular polymer substance synthesized by a halophilic bacterium <i>Chromohalobacter canadensis</i> 28. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4937-4949.	3.6	33
18	<i>Vibrio coralliirubri</i> sp. nov., a new species isolated from mucus of red coral (<i>Corallium rubrum</i>) collected at Procida island, Italy. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1105-1115.	1.7	18

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19	Biological Properties of Polyphenols Extracts from Agro Industry's Wastes. Waste and Biomass Valorization, 2018, 9, 1567-1578.	3.4	40
20	Antitumoral potential, antioxidant activity and carotenoid content of two Southern Italy tomato cultivars extracts: San Marzano and Corbarino. Journal of Cellular Physiology, 2018, 233, 1266-1277.	4.1	34
21	Survival and Adaptation of the Thermophilic Species Geobacillus thermantarcticus in Simulated Spatial Conditions. Origins of Life and Evolution of Biospheres, 2018, 48, 141-158.	1.9	10
22	Production and Biotechnological Potential of Extracellular Polymeric Substances from Sponge-Associated Antarctic Bacteria. Applied and Environmental Microbiology, 2018, 84, .	3.1	101
23	Resistance and Raman spectroscopy analysis of Parageobacillus thermantarcticus spores after γ -ray exposure. Extremophiles, 2018, 22, 931-941.	2.3	10
24	Production and characterization of exopolysaccharides by Geobacillus thermodenitrificans ArzA-6 and Geobacillus toebii ArzA-8 strains isolated from an Armenian geothermal spring. Extremophiles, 2018, 22, 725-737.	2.3	32
25	Extracellular polymeric substances with metal adsorption capacity produced by Pseudoalteromonas sp. MER144 from Antarctic seawater. Environmental Science and Pollution Research, 2018, 25, 4667-4677.	5.3	60
26	Exopolysaccharide-Producing Microorganisms from Extreme Areas: Chemistry and Application. Microorganisms for Sustainability, 2018, , 405-433.	0.7	1
27	Antioxidant activity and bioactive compound contents before and after <i>in vitro</i> digestion of new tomato hybrids. Journal of the Science of Food and Agriculture, 2017, 97, 5241-5246.	3.5	5
28	Anti-herpes simplex virus 1 and immunomodulatory activities of a poly- γ - glutamic acid from Bacillus horneckiae strain APA of shallow vent origin. Applied Microbiology and Biotechnology, 2017, 101, 7487-7496.	3.6	9
29	Microbial Diversity in Extreme Marine Habitats and Their Biomolecules. Microorganisms, 2017, 5, 25.	3.6	133
30	Aeribacillus composti sp. nov., a thermophilic bacillus isolated from olive mill pomace compost. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4830-4835.	1.7	26
31	Pb ²⁺ Effects on Growth, Lipids, and Protein and DNA Profiles of the Thermophilic Bacterium Thermus Thermophilus. Microorganisms, 2016, 4, 45.	3.6	10
32	Recent Advances in the Study of Marine Microbial Biofilm: From the Involvement of Quorum Sensing in Its Production up to Biotechnological Application of the Polysaccharide Fractions. Journal of Marine Science and Engineering, 2016, 4, 34.	2.6	28
33	Technical Developments for Vegetable Waste Biomass Degradation by Thermophiles. Grand Challenges in Biology and Biotechnology, 2016, , 539-579.	2.4	0
34	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium Halomonas pantelleriensis. Extremophiles, 2016, 20, 687-694.	2.3	5
35	Identification of N-Hexadecanoyl-L-homoserine lactone (C16-AHL) as signal molecule in halophilic bacterium Halomonas smyrnensis AAD6. Annals of Microbiology, 2016, 66, 1329-1333.	2.6	6
36	Plant growth-promoting effects of rhizospheric and endophytic bacteria associated with different tomato cultivars and new tomato hybrids. Chemical and Biological Technologies in Agriculture, 2016, 3, .	4.6	88

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37	The hemicellulose extract from <i>Cynara cardunculus</i> : a source of value-added biomolecules produced by xylanolytic thermozymes. <i>Green Chemistry</i> , 2016, 18, 2460-2472.	9.0	32
38	Thermophilic <i>Geobacillus galactosidasius</i> sp. nov. loaded Fe_3O_4 magnetic nanoparticle for the preconcentrations of Pb and Cd. <i>Bioresource Technology</i> , 2016, 201, 269-275.	9.6	21
39	<i>Nesterenkonia aurantiaca</i> sp. nov., an alkaliphilic actinobacterium isolated from Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1554-1560.	1.7	28
40	Role of Bacterial Exopolysaccharides as Agents in Counteracting Immune Disorders Induced by Herpes Virus. <i>Microorganisms</i> , 2015, 3, 464-483.	3.6	33
41	Effects of Industrial Processes on Antioxidant Power and Polyphenols Profile in Cherry Tomato Cultivar. <i>Journal of Medicinal Food</i> , 2015, 18, 1173-1178.	1.5	6
42	Genome Sequence of <i>Anoxybacillus thermarum</i> AF/04 ^T , Isolated from the Euganean Hot Springs in Abano Terme, Italy. <i>Genome Announcements</i> , 2015, 3, .	0.8	10
43	Biotechnology Implications of Extremophiles as Life Pioneers and Wellspring of Valuable Biomolecules. , 2015, , 193-216.		4
44	Evaluation of heavy metals, cytotoxicity, and antioxidant activity of tomatoes grown in toxic muddy soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5756-5761.	5.3	5
45	Polysaccharides from Bioagro-Waste for New Biomolecules. , 2015, , 603-637.		2
46	Antioxidant and cytotoxic activities investigation of tomato seed extracts. <i>Natural Product Research</i> , 2014, 28, 764-768.	1.8	11
47	Degradative actions of microbial xylanolytic activities on hemicelluloses from rhizome of <i>Arundo donax</i> . <i>AMB Express</i> , 2014, 4, 55.	3.0	22
48	Fermentation Technologies for the Optimization of Marine Microbial Exopolysaccharide Production. <i>Marine Drugs</i> , 2014, 12, 3005-3024.	4.6	129
49	Polysaccharides: Applications in Biology and Biotechnology/Polysaccharides from Bioagro-Waste New Biomolecules-Life. , 2014, , 1-29.		5
50	Resistance and bioaccumulation of Cd ²⁺ , Cu ²⁺ , Co ²⁺ and Mn ²⁺ by thermophilic bacteria, <i>Geobacillus thermantarcticus</i> and <i>Anoxybacillus amylolyticus</i> . <i>Annals of Microbiology</i> , 2013, 63, 1379-1385.	2.6	14
51	Production and Properties of Two Novel Exopolysaccharides Synthesized by a Thermophilic Bacterium <i>Aeribacillus pallidus</i> 418. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 31-43.	2.9	55
52	Bioactivity of Tomato Hybrid Powder: Antioxidant Compounds and Their Biological Activities. <i>Journal of Medicinal Food</i> , 2013, 16, 351-356.	1.5	11
53	Structural characterization of the core oligosaccharide isolated from the lipopolysaccharide of the haloalkaliphilic bacterium <i>Salinivibrio sharmensis</i> strain BACT. <i>Carbohydrate Research</i> , 2013, 368, 61-67.	2.3	5
54	<i>Halomonas smyrnensis</i> sp. nov., a moderately halophilic, exopolysaccharide-producing bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 10-18.	1.7	80

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55	A Novel EPS-Producing Strain of <i>Bacillus licheniformis</i> Isolated from a Shallow Vent Off Panarea Island (Italy). <i>Current Microbiology</i> , 2013, 67, 21-29.	2.2	77
56	Biosorption of Heavy Metals (Cd^{2+} , Cu^{2+} , Co^{2+} , and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 amylolyticus</i> : Equilibrium and Kinetic Studies. <i>Bioremediation Journal</i> , 2013, 17, 86-96.	2.0	53
57	The Lipid A from the Haloalkaliphilic Bacterium <i>Salinivibrio sharmensis</i> Strain BAGT. <i>Marine Drugs</i> , 2013, 11, 184-193.	4.6	8
58	Evaluation of industrial <i>Saccharomyces cerevisiae</i> strains for ethanol production from biomass. <i>Biomass and Bioenergy</i> , 2012, 45, 230-238.	5.7	63
59	Evaluation of Antioxidant Properties, Total Phenolic Content, and Biological Activities of New Tomato Hybrids of Industrial Interest. <i>Journal of Medicinal Food</i> , 2012, 15, 483-489.	1.5	17
60	The probiotic source influences the growth, biochemical features and survival under simulated gastrointestinal conditions of the probiotic <i>Lactobacillus acidophilus</i> . <i>Anaerobe</i> , 2012, 18, 280-285.	2.1	69
61	Cd, Cu, Ni, Mn and Zn resistance and bioaccumulation by thermophilic bacteria, <i>Geobacillus toebii</i> subsp. <i>decanicus</i> and <i>Geobacillus thermoleovorans</i> subsp. <i>stromboliensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 155-163.	3.6	45
62	Synthesis, Production, and Biotechnological Applications of Exopolysaccharides and Polyhydroxyalkanoates by Archaea. <i>Archaea</i> , 2011, 2011, 1-13.	2.3	228
63	<i>Geobacillus galactosidasius</i> sp. nov., a new thermophilic galactosidase-producing bacterium isolated from compost. <i>Systematic and Applied Microbiology</i> , 2011, 34, 419-423.	2.8	39
64	Purification, biochemical characterization and gene sequencing of a thermostable raw starch digesting α -amylase from <i>Geobacillus thermoleovorans</i> subsp. <i>stromboliensis</i> subsp. nov.. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2425-2433.	3.6	33
65	<i>Salinivibrio sharmensis</i> sp. nov., a novel haloalkaliphilic bacterium from a saline lake in Ras Mohammed Park (Egypt). <i>Extremophiles</i> , 2011, 15, 213-220.	2.3	31
66	Molasses as fermentation substrate for levan production by <i>Halomonas</i> sp.. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1729-1740.	3.6	127
67	Flocculating performances of exopolysaccharides produced by a halophilic bacterial strain cultivated on agro-industrial waste. <i>Bioresource Technology</i> , 2011, 102, 1788-1794.	9.6	102
68	Re-Use of Vegetable Wastes as Cheap Substrates for Extremophile Biomass Production. <i>Waste and Biomass Valorization</i> , 2011, 2, 103-111.	3.4	39
69	Purification of the Poly-ADP-Ribose Polymerase-Like Thermozyyme from the Archaeon <i>Sulfolobus solfataricus</i> . <i>Methods in Molecular Biology</i> , 2011, 780, 443-460.	0.9	6
70	Exopolysaccharides from extremophiles: from fundamentals to biotechnology. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1145-1158.	2.2	228
71	Acetamide Derivatives with Antioxidant Activity and Potential Anti-Inflammatory Activity. <i>Molecules</i> , 2010, 15, 2028-2038.	3.8	48
72	Shallow hydrothermal vents in the southern Tyrrhenian Sea. <i>Chemistry and Ecology</i> , 2010, 26, 285-298.	1.6	40

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73	Structural characterization of the core region from the lipopolysaccharide of the haloalkaliphilic bacterium <i>Halomonas alkaliantarctica</i> strain CRSS. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5404.	2.8	6
74	Bacterial Exopolysaccharides from Extreme Marine Habitats: Production, Characterization and Biological Activities. <i>Marine Drugs</i> , 2010, 8, 1779-1802.	4.6	332
75	<i>Anoxybacillus thermarum</i> sp. nov., a novel thermophilic bacterium isolated from thermal mud in Euganean hot springs, Abano Terme, Italy. <i>Extremophiles</i> , 2009, 13, 867-874.	2.3	72
76	Structural determination of the O-chain polysaccharide from the haloalkaliphilic <i>Halomonas alkaliantarctica</i> bacterium strain CRSS. <i>Carbohydrate Research</i> , 2009, 344, 2051-2055.	2.3	14
77	Biosorption of Cd, Cu, Ni, Mn and Zn from aqueous solutions by thermophilic bacteria, <i>Geobacillus toebii</i> sub.sp. <i>decanicus</i> and <i>Geobacillus thermoleovorans</i> sub.sp. <i>stromboliensis</i> : Equilibrium, kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2009, 152, 195-206.	12.7	195
78	Production and characterization of a microbial glucan, synthesized by <i>Geobacillus tepidamans</i> V264 isolated from Bulgarian hot spring. <i>Carbohydrate Polymers</i> , 2009, 77, 338-343.	10.2	87
79	High level synthesis of levan by a novel <i>Halomonas</i> species growing on defined media. <i>Carbohydrate Polymers</i> , 2009, 78, 651-657.	10.2	189
80	Heavy metal resistance of some thermophiles: potential use of α -amylase from <i>Anoxybacillus amylolyticus</i> as a microbial enzymatic bioassay. <i>Research in Microbiology</i> , 2009, 160, 99-106.	2.1	50
81	Chemical-physical characterization of polyhydroxyalkanoates recovered by means of a simplified method from cultures of <i>Halomonas campaniensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 1513-1519.	3.6	19
82	Purification and characterisation of a highly thermostable extracellular protease from <i>Bacillus thermantarcticus</i> , strain M1. <i>Annals of Microbiology</i> , 2008, 58, 253-259.	2.6	17
83	Structural Characterization of the Core Region of the Lipopolysaccharide from the Haloalkaliphilic <i>Halomonas pantelleriensis</i> : Identification of the Biological O-Antigen Repeating Unit. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 721-728.	2.4	14
84	<i>Halobacillus alkaliphilus</i> sp. nov., a halophilic bacterium isolated from a salt lake in Fuente de Piedra, southern Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 886-890.	1.7	41
85	Bioactive Polysaccharides from Tomato. , 2008, , 299-316.		0
86	<i>Anoxybacillus kamchatkensis</i> subsp. <i>asaccharedens</i> subsp. nov., a thermophilic bacterium isolated from a hot spring in Batman. <i>Journal of General and Applied Microbiology</i> , 2008, 54, 327-334.	0.7	26
87	Antioxidant Activity of Diphenylpropionamide Derivatives: Synthesis, Biological Evaluation and Computational Analysis. <i>Molecules</i> , 2008, 13, 749-761.	3.8	5
88	Tomato Derived Polysaccharides for Biotechnological Applications: Chemical and Biological Approaches. <i>Molecules</i> , 2008, 13, 1384-1398.	3.8	24
89	Antioxidative Activity and Lycopene and β -Carotene Contents in Different Cultivars of Tomato (<i>Lycopersicon Esculentum</i>). <i>International Journal of Food Properties</i> , 2007, 10, 321-329.	3.0	35
90	<i>Haloterrigena hispanica</i> sp. nov., an extremely halophilic archaeon from Fuente de Piedra, southern Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1499-1503.	1.7	58

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91	Exopolysaccharide production by Halomonas strains isolated from Turkey. Journal of Biotechnology, 2007, 131, S163.	3.8	0
92	A Polysaccharide from Tomato (<i>Lycopersicon esculentum</i>) Peels Affects NF- κ B Activation in LPS-Stimulated J774 Macrophages. Journal of Natural Products, 2007, 70, 1636-1639.	3.0	16
93	O-Allyl decoration on β -glucan isolated from the haloalkaliphilic Halomonas pantelleriensis bacterium. Carbohydrate Research, 2007, 342, 1271-1274.	2.3	5
94	Purification and some properties of a β -galactosidase from the thermoacidophilic Alicyclobacillus acidocaldarius subsp. rittmannii isolated from Antarctica. Enzyme and Microbial Technology, 2007, 40, 1570-1577.	3.2	36
95	Halomonas alkaliantarctica sp. nov., isolated from saline lake Cape Russell in Antarctica, an alkaliphilic moderately halophilic, exopolysaccharide-producing bacterium. Systematic and Applied Microbiology, 2007, 30, 31-38.	2.8	102
96	Halomonas sinaiensis sp. nov., a novel halophilic bacterium isolated from a salt lake inside Ras Muhammad Park, Egypt. Extremophiles, 2007, 11, 789-796.	2.3	28
97	Bioactive Exopolysaccharides from the Cultured Cells of Tomato, Lycopersicon esculentum var. San Marzano. Journal of Natural Products, 2006, 69, 658-661.	3.0	12
98	The (ADP-ribosyl)ation reaction in thermophilic bacteria. Research in Microbiology, 2006, 157, 531-537.	2.1	4
99	Halomonas alkaliphila sp. nov., a novel halotolerant alkaliphilic bacterium isolated from a salt pool in Campania (Italy). Journal of General and Applied Microbiology, 2006, 52, 339-348.	0.7	78
100	Geobacillus toebii subsp. decanicus subsp. nov., a hydrocarbon-degrading, heavy metal resistant bacterium from hot compost. Journal of General and Applied Microbiology, 2006, 52, 223-234.	0.7	35
101	The structures of the cell wall teichoic acids from the thermophilic microorganism Geobacillus thermoleovorans strain Fango. Carbohydrate Research, 2006, 341, 2613-2618.	2.3	3
102	Anoxybacillus amylolyticus sp. nov., a thermophilic amylase producing bacterium isolated from Mount Rittmann (Antarctica). Systematic and Applied Microbiology, 2006, 29, 300-307.	2.8	84
103	Structural Determination of the O-Chain Polysaccharide from the Lipopolysaccharide of the Haloalkaliphilic Halomonas pantelleriensis Bacterium. European Journal of Organic Chemistry, 2006, 2006, 1801-1808.	2.4	18
104	The structures of glycolipids isolated from the highly thermophilic bacterium Thermus thermophilus Samu-SA1. Glycobiology, 2006, 16, 766-775.	2.5	35
105	Salinivibrio costicola subsp. alcaliphilus subsp. nov., a haloalkaliphilic aerobe from Campania Region (Italy). Systematic and Applied Microbiology, 2005, 28, 34-42.	2.8	35
106	Halomonas campaniensis sp. nov., a haloalkaliphilic bacterium isolated from a mineral pool of Campania Region, Italy. Systematic and Applied Microbiology, 2005, 28, 610-618.	2.8	66
107	Purification and characterization of a protease produced by an aerobic haloalkaliphilic species belonging to the Salinivibrio genus. Research in Microbiology, 2005, 156, 478-484.	2.1	45
108	Geobacillus thermoleovorans subsp. stromboliensis subsp. nov., isolated from the geothermal volcanic environment. Journal of General and Applied Microbiology, 2005, 51, 183-189.	0.7	24

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109	Isolation of a new thermohalophilic <i>Thermus thermophilus</i> strain from hot spring, able to grow on a renewable source of polysaccharide. <i>Biotechnology Letters</i> , 2004, 26, 45-49.	2.2	16
110	Exopolysaccharide production by a new <i>Halomonas</i> strain CRSS isolated from saline lake Cape Russell in Antarctica growing on complex and defined media. <i>Biotechnology Letters</i> , 2004, 26, 1635-1638.	2.2	48
111	Structural Analysis of a Novel Polysaccharide of the Lipopolysaccharide-Deficient Extremophile Gram-Negative Bacterium <i>Thermus thermophilus</i> HB8. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5047-5054.	2.4	12
112	Purification and characterization of thermostable xylanase and β -xylosidase by the thermophilic bacterium <i>Bacillus thermantarcticus</i> . <i>Research in Microbiology</i> , 2004, 155, 283-289.	2.1	107
113	<i>Planococcus rifietensis</i> sp. nov, Isolated from Algal Mat Collected from a Sulfurous Spring in Campania (Italy). <i>Systematic and Applied Microbiology</i> , 2003, 26, 357-366.	2.8	44
114	Production and characterization of exopolysaccharides excreted by thermophilic bacteria from shallow, marine hydrothermal vents of flegrean ares (Italy). <i>Systematic and Applied Microbiology</i> , 2002, 25, 319-325.	2.8	65
115	High stability binding of poly(ADPribose) polymerase-like thermozyyme from <i>S. solfataricus</i> with circular DNA. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 158-166.	2.6	7
116	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 515-519.	2.2	97
117	Lipid modulation by environmental stresses in two models of extremophiles isolated from Antarctica. <i>Polar Biology</i> , 2001, 24, 1-8.	1.2	37
118	Accumulation of Osmoprotectants and Lipid Pattern Modulation in Response to Growth Conditions by <i>Halomonas pantelleriense</i> . <i>Systematic and Applied Microbiology</i> , 2001, 24, 342-352.	2.8	44
119	Lipid profile: a useful chemotaxonomic marker for classification of a new cyanobacterium in <i>Spirulina</i> genus. <i>Phytochemistry</i> , 2000, 54, 289-294.	2.9	47
120	Comparison of the ADP-ribosylating thermozyyme from <i>Sulfolobus solfataricus</i> and the mesophilic poly(ADP-ribose) polymerases. <i>FEMS Microbiology Letters</i> , 2000, 192, 9-14.	1.8	8
121	A Thermophilic <i>Bacillus</i> Isolated From an Eolian Shallow Hydrothermal Vent Able to Produce Exopolysaccharides. <i>Systematic and Applied Microbiology</i> , 2000, 23, 426-432.	2.8	65
122	Extremophiles in Antarctica. <i>Italian Journal of Zoology</i> , 2000, 67, 169-174.	0.6	11
123	Chemical composition and production of exopolysaccharides from representative members of heterocystous and non-heterocystous cyanobacteria. <i>Phytochemistry</i> , 1999, 52, 639-647.	2.9	154
124	Alicyclobacilli from an unexplored geothermal soil in Antarctica: Mount Rittmann. <i>Polar Biology</i> , 1998, 19, 133-141.	1.2	68
125	Purification and biochemical characterization of a poly(ADP-ribose) polymerase-like enzyme from the thermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Biochemical Journal</i> , 1998, 335, 441-447.	3.7	45
126	Xylanase Produced by <i>Bacillus thermoantarcticus</i> , a New Thermophilic <i>Bacillus</i> . <i>Annals of the New York Academy of Sciences</i> , 1996, 799, 284-289.	3.8	5

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127	Immunochemical detection of ADP-ribosylating enzymes in the archaeon <i>Sulfolobus solfataricus</i> . <i>FEBS Letters</i> , 1996, 378, 199-201.	2.8	17
128	Characterization of a Haloalkalophilic Strictly Aerobic Bacterium, Isolated from Pantelleria Island. <i>Systematic and Applied Microbiology</i> , 1996, 19, 326-333.	2.8	78
129	Effect of growth conditions on endo- and exopolymer biosynthesis in <i>Anabaena cylindrica</i> 10 C. <i>Phytochemistry</i> , 1996, 42, 655-659.	2.9	84
130	Effects of Growth Temperature on the Polar Lipid Pattern and Fatty Acid Composition of Seven Thermophilic Isolates from the Antarctic Continent. <i>Systematic and Applied Microbiology</i> , 1995, 18, 32-36.	2.8	28
131	ADP-ribosylation reactions in <i>Sulfolobus solfataricus</i> , a thermoacidophilic archaeon. <i>BBA - Proteins and Proteomics</i> , 1995, 1246, 151-159.	2.1	10
132	Production of an exopolysaccharide from two thermophilic archaea belonging to the genus <i>Sulfolobus</i> . <i>FEMS Microbiology Letters</i> , 1993, 109, 203-206.	1.8	55
133	Unique Features of Lipids of Archaea. <i>Systematic and Applied Microbiology</i> , 1993, 16, 518-527.	2.8	69
134	Quinone Composition in <i>Sulfolobus solfataricus</i> Grown under Different Conditions. <i>Systematic and Applied Microbiology</i> , 1992, 15, 18-20.	2.8	16
135	Glycolipids from <i>Thermotoga maritima</i> , a hyperthermophilic microorganism belonging to Bacteria domain. <i>Lipids and Lipid Metabolism</i> , 1992, 1124, 249-252.	2.6	27
136	Production of 4-chloro 3-hydroxy ethyl butanoate with resting cells of <i>Sulfolobus solfataricus</i> . <i>Biotechnology Letters</i> , 1991, 13, 31-34.	2.2	5
137	Determination of hydride transfer stereospecificity of NADH-dependent alcohol-aldehyde/ketone oxidoreductase from <i>Sulfolobus solfataricus</i> . <i>BBA - Proteins and Proteomics</i> , 1990, 1041, 94-96.	2.1	8
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