

Cultivation Techniques for Hyperthermophilic Archaea
Pyrococcus furiosus at Temperatures near 100°C

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Purification and characterization of an alpha-glucosidase from a hyperthermophilic archaeobacterium, <i>Pyrococcus furiosus</i> , exhibiting a temperature optimum of 105 to 115 degrees C. <i>Journal of Bacteriology</i> , 1990, 172, 3654-3660.	1.0	172
2	Characterization of pyrolysin, a hyperthermoactive serine protease from the archaeobacterium <i>Pyrococcus furiosus</i> . <i>FEMS Microbiology Letters</i> , 1990, 71, 17-20.	0.7	94
3	Engineering Considerations for the Application of Extremophiles in Biotechnology. <i>Critical Reviews in Biotechnology</i> , 1991, 10, 321-345.	5.1	33
4	Purification and characterization of the hydrogen uptake hydrogenase from the hyperthermophilic archaeobacterium <i>Pyrodictum brockii</i> . <i>Journal of Bacteriology</i> , 1991, 173, 1839-1844.	1.0	44
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6	Microbial diversity. <i>Current Opinion in Biotechnology</i> , 1991, 2, 421-428.	3.3	11
7	Pyruvate metabolism of the hyperthermophilic archaeobacterium <i>Pyrococcus furiosus</i> . <i>Archives of Microbiology</i> , 1991, 155, 366.	1.0	100
9	Physiological and Biochemical Characteristics of <i>Pyrococcus furiosus</i> , a Hyperthermophilic Archaeobacterium. <i>Annals of the New York Academy of Sciences</i> , 1992, 665, 309-319.	1.8	5
10	Continuous culture of the hyperthermophilic archaeum <i>Pyrococcus furiosus</i> . <i>Applied Microbiology and Biotechnology</i> , 1992, 38, 263.	1.7	39
11	Bioenergetics of the metal/sulfur-oxidizing extreme thermoacidophile, <i>Metallosphaera sedula</i> . <i>Fuel</i> , 1993, 72, 1619-1624.	3.4	18
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15	Regulation of ribosomal RNA transcription by growth rate of the hyperthermophilic Archaeon, <i>Pyrococcus furiosus</i> . <i>FEMS Microbiology Letters</i> , 1993, 111, 159-164.	0.7	15
16	Bioenergetics of sulfur reduction in the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> . <i>Journal of Bacteriology</i> , 1993, 175, 1823-1830.	1.0	123
17	Purification and Characterization of Extremely Thermo-Stable Glutamate Dehydrogenase from a Hyperthermophilic Archaeon, <i>Thermococcus litoralis</i> . <i>Biocatalysis</i> , 1994, 11, 117-129.	0.9	19
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19	Extreme resistance to thermally induced DNA backbone breaks in the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> . <i>Journal of Bacteriology</i> , 1995, 177, 6316-6318.	1.0	33

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22	Modeling of Thermodynamic Properties of Amino Acids and Peptides Using Additivity and HKF Theory. <i>Journal of Solution Chemistry</i> , 1998, 27, 771-802.	0.6	30
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26	An AMP-Dependent (ATP-Forming) Kinase in the Hyperthermophilic Archaeon <i>Pyrococcus furiosus</i> : Characterization and Novel Physiological Role. <i>Archives of Biochemistry and Biophysics</i> , 1999, 364, 125-128.	1.4	22
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28	Î±-Glucosidase from <i>Pyrococcus furiosus</i> . <i>Methods in Enzymology</i> , 2001, 330, 260-269.	0.4	19
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34	Metalloproteins from Hyperthermophiles. , 2011, , 521-545.		1
35	Gene expression and characterization of thermostable glutamate decarboxylase from <i>Pyrococcus furiosus</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 375-381.	1.4	8
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38	Temperature limits to deep seafloor life in the Nankai Trough subduction zone. <i>Science</i> , 2020, 370, 1230-1234.	6.0	65

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