A Aristides Yayanos

List of Publications by Year
in descending order

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22 papers	1,667 citations	471509 17 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	1056 citing authors

#	Article	IF	Citations
1	Distinctive gene and protein characteristics of extremely piezophilic Colwellia. BMC Genomics, 2020, 21, 692.	2.8	27
2	The Unique 16S rRNA Genes of Piezophiles Reflect both Phylogeny and Adaptation. Applied and Environmental Microbiology, 2007, 73, 838-845.	3.1	126
3	Vertical zonation patterns of scavenging amphipods from the Hadal zone of the Tonga and Kermadec Trenches. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 48-61.	1.4	79
4	Are Cells Viable at Gigapascal Pressures?. Science, 2002, 297, 295a-295.	12.6	17
5	Deep-sea piezophilic bacteria. Methods in Microbiology, 2001, , 615-637.	0.8	31
6	Deep-Sea Bacteria. , 2000, , 161-174.		5
7	Microbiology To 10,500 Meters in the Deep Sea. Annual Review of Microbiology, 1995, 49, 777-805.	7.3	280
8	Enrichment and characterization of a methanogenic bacterium from the oxic upper layer of the ocean. Current Microbiology, 1991, 23, 89-96.	2.2	48
9	Ultrastructural Changes in an Obligately Barophilic Marine Bacterium after Decompression. Applied and Environmental Microbiology, 1991, 57, 1489-1497.	3.1	43
10	Isolation of a gene regulated by hydrostatic pressure in a deep-sea bacterium. Nature, 1989, 342, 572-574.	27.8	167
11	Properties of the Glucose Transport System in Some Deep-Sea Bacteria. Applied and Environmental Microbiology, 1987, 53, 527-532.	3.1	33
12	Subseabed Disposal of High-Level Nuclear Wastes. Advances in Radiation Biology, 1987, , 355-402.	0.4	0
13	Biochemical Function and Ecological Significance of Novel Bacterial Lipids in Deep-Sea Procaryotes. Applied and Environmental Microbiology, 1986, 51, 730-737.	3.1	300
14	Possible artefactual basis for apparent bacterial growth at 250 Â°C. Nature, 1984, 307, 737-740.	27.8	80
15	Thermal neutrons could be a cause of biological extinctions 65 Myr ago. Nature, 1983, 303, 797-800.	27.8	5
16	Reproduction of Bacillus stearothermophilus as a Function of Temperature and Pressure. Applied and Environmental Microbiology, 1983, 46, 1357-1363.	3.1	29
17	Coupling device for quick highâ€pressure connections to 100 MPa. Review of Scientific Instruments, 1982, 53, 704-705.	1.3	31
18	Thermal Inactivation of a Deep-Sea Barophilic Bacterium, Isolate CNPT-3. Applied and Environmental Microbiology, 1982, 43, 1481-1489.	3.1	54

#	Article	IF	Citations
19	Dependence of Reproduction Rate on Pressure as a Hallmark of Deep-Sea Bacteria. Applied and Environmental Microbiology, 1982, 44, 1356-1361.	3.1	114
20	Scavenging amphipods from the floor of the Philippine trench. Deep-sea Research, 1978, 25, 1029-1047.	0.5	163
21	Simply actuated closure for a pressure vessel: design for use to trap deepâ€sea animals. Review of Scientific Instruments, 1977, 48, 786-789.	1.3	20
22	Specific volume of water at high pressures. Journal of Chemical Physics, 1976, 64, 429-429.	3.0	10