

A Aristides Yayanos

List of Publications by Year in descending order

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Version: 2024-02-01

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	Biochemical Function and Ecological Significance of Novel Bacterial Lipids in Deep-Sea Prokaryotes. Applied and Environmental Microbiology, 1986, 51, 730-737.	3.1	300
2	Microbiology To 10,500 Meters in the Deep Sea. Annual Review of Microbiology, 1995, 49, 777-805.	7.3	280
3	Isolation of a gene regulated by hydrostatic pressure in a deep-sea bacterium. Nature, 1989, 342, 572-574.	27.8	167
4	Scavenging amphipods from the floor of the Philippine trench. Deep-sea Research, 1978, 25, 1029-1047.	0.5	163
5	The Unique 16S rRNA Genes of Piezophiles Reflect both Phylogeny and Adaptation. Applied and Environmental Microbiology, 2007, 73, 838-845.	3.1	126
6	Dependence of Reproduction Rate on Pressure as a Hallmark of Deep-Sea Bacteria. Applied and Environmental Microbiology, 1982, 44, 1356-1361.	3.1	114
7	Possible artefactual basis for apparent bacterial growth at 250 Â°C. Nature, 1984, 307, 737-740.	27.8	80
8	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
9	Thermal Inactivation of a Deep-Sea Barophilic Bacterium, Isolate CNPT-3. Applied and Environmental Microbiology, 1982, 43, 1481-1489.	3.1	54
10	Enrichment and characterization of a methanogenic bacterium from the oxic upper layer of the ocean. Current Microbiology, 1991, 23, 89-96.	2.2	48
11	Ultrastructural Changes in an Obligately Barophilic Marine Bacterium after Decompression. Applied and Environmental Microbiology, 1991, 57, 1489-1497.	3.1	43
12	Properties of the Glucose Transport System in Some Deep-Sea Bacteria. Applied and Environmental Microbiology, 1987, 53, 527-532.	3.1	33
13	Coupling device for quick high-pressure connections to 100 MPa. Review of Scientific Instruments, 1982, 53, 704-705.	1.3	31
14	Deep-sea piezophilic bacteria. Methods in Microbiology, 2001, , 615-637.	0.8	31
15	Reproduction of <i>Bacillus stearothermophilus</i> as a Function of Temperature and Pressure. Applied and Environmental Microbiology, 1983, 46, 1357-1363.	3.1	29
16	Distinctive gene and protein characteristics of extremely piezophilic Colwellia. BMC Genomics, 2020, 21, 692.	2.8	27
17	Simply actuated closure for a pressure vessel: design for use to trap deep-sea animals. Review of Scientific Instruments, 1977, 48, 786-789.	1.3	20
18	Are Cells Viable at Gigapascal Pressures?. Science, 2002, 297, 295a-295.	12.6	17

#	ARTICLE	IF	CITATIONS
19	Specific volume of water at high pressures. Journal of Chemical Physics, 1976, 64, 429-429.	3.0	10
20	Thermal neutrons could be a cause of biological extinctions 65 Myr ago. Nature, 1983, 303, 797-800.	27.8	5
21	Deep-Sea Bacteria. , 2000, , 161-174.		5
22	Subseabed Disposal of High-Level Nuclear Wastes. Advances in Radiation Biology, 1987, , 355-402.	0.4	0