

Paraskevi N Polymenakou

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,904
citations

257101

24
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205818

48
g-index

49
all docs

49
docs citations

49
times ranked

5537
citing authors

#	ARTICLE	IF	CITATIONS
1	SANTORY: SANTORINI'S Seafloor Volcanic Observatory. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	6
2	Genomic adaptation of <i>Pseudomonas</i> strains to acidity and antibiotics in hydrothermal vents at Kolumbo submarine volcano, Greece. <i>Scientific Reports</i> , 2021, 11, 1336.	1.6	9
3	The Santorini Volcanic Complex as a Valuable Source of Enzymes for Bioenergy. <i>Energies</i> , 2021, 14, 1414.	1.6	3
4	Comparison of Hydrocarbon-Degrading Consortia from Surface and Deep Waters of the Eastern Mediterranean Sea: Characterization and Degradation Potential. <i>Energies</i> , 2021, 14, 2246.	1.6	7
5	Shallow-water hydrothermalism at Milos (Greece): Nature, distribution, heat fluxes and impact on ecosystems. <i>Marine Geology</i> , 2021, 438, 106521.	0.9	6
6	Microbial Benthic Communities in the Aegean Sea. <i>Handbook of Environmental Chemistry</i> , 2020, , 1.	0.2	4
7	High genetic diversity and variability of microbial communities in near-surface atmosphere of Crete island, Greece. <i>Aerobiologia</i> , 2020, 36, 341-353.	0.7	3
8	Geochemistry of CO ₂ -Rich Gases Venting From Submarine Volcanism: The Case of Kolumbo (Hellenic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	36
9	Plant and sediment properties in seagrass meadows from two Mediterranean CO ₂ vents: Implications for carbon storage capacity of acidified oceans. <i>Marine Environmental Research</i> , 2019, 146, 101-108.	1.1	14
10	Microbial strains isolated from CO ₂ -venting Kolumbo submarine volcano show enhanced co-tolerance to acidity and antibiotics. <i>Marine Environmental Research</i> , 2019, 144, 102-110.	1.1	13
11	Microbial community differentiation between active and inactive sulfide chimneys of the Kolumbo submarine volcano, Hellenic Volcanic Arc. <i>Extremophiles</i> , 2018, 22, 13-27.	0.9	21
12	SeaBioTech: From Seabed to Test-Bed: Harvesting the Potential of Marine Biodiversity for Industrial Biotechnology. <i>Grand Challenges in Biology and Biotechnology</i> , 2018, , 451-504.	2.4	4
13	A simple cleanup method for the removal of humic substances from soil protein extracts using aluminum coagulation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23845-23856.	2.7	10
14	The sponge microbiome project. <i>GigaScience</i> , 2017, 6, 1-7.	3.3	193
15	Ultrasensitive and high-throughput analysis of chlorophyll a in marine phytoplankton extracts using a fluorescence microplate reader. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4539-4549.	1.9	2
16	Kolumbo submarine volcano (Greece): An active window into the Aegean subduction system. <i>Scientific Reports</i> , 2016, 6, 28013.	1.6	52
17	Metagenomic investigation of the geologically unique Hellenic Volcanic Arc reveals a distinctive ecosystem with unexpected physiology. <i>Environmental Microbiology</i> , 2016, 18, 1122-1136.	1.8	37
18	Biodiversity, Anti-Trypanosomal Activity Screening, and Metabolomic Profiling of Actinomycetes Isolated from Mediterranean Sponges. <i>PLoS ONE</i> , 2015, 10, e0138528.	1.1	58

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19	Metagenomics: Tools and Insights for Analyzing Next-Generation Sequencing Data Derived from Biodiversity Studies. <i>Bioinformatics and Biology Insights</i> , 2015, 9, BBI.S12462.	1.0	317
20	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	3.3	185
21	Pyrosequencing analysis of microbial communities reveals dominant cosmopolitan phylotypes in deep-sea sediments of the eastern Mediterranean Sea. <i>Research in Microbiology</i> , 2015, 166, 448-457.	1.0	15
22	The founding charter of the Genomic Observatories Network. <i>GigaScience</i> , 2014, 3, 2.	3.3	51
23	Distribution of aliphatic hydrocarbons, polycyclic aromatic hydrocarbons and organochlorinated pollutants in deep-sea sediments of the southern Cretan margin, eastern Mediterranean Sea: A baseline assessment. <i>Chemosphere</i> , 2014, 106, 28-35.	4.2	52
24	Assessing the short-term variability of bacterial composition in background aerosols of the Eastern Mediterranean during a rapid change of meteorological conditions. <i>Aerobiologia</i> , 2013, 29, 429-441.	0.7	7
25	Carbon and Chlorine Isotope Fractionation During Microbial Degradation of Tetra- and Trichloroethene. <i>Environmental Science & Technology</i> , 2013, 47, 6449-6456.	4.6	60
26	New insights into hydrothermal vent processes in the unique shallow-submarine arc-volcano, Kolumbo (Santorini), Greece. <i>Scientific Reports</i> , 2013, 3, 2421.	1.6	97
27	Benthic communities in the deep Mediterranean Sea: exploring microbial and meiofaunal patterns in slope and basin ecosystems. <i>Biogeosciences</i> , 2013, 10, 4861-4878.	1.3	29
28	Microbial Response to Organic Matter Enrichment in the Oligotrophic Levantine Basin (Eastern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.0	7
29	Atmosphere: A Source of Pathogenic or Beneficial Microbes?. <i>Atmosphere</i> , 2012, 3, 87-102.	1.0	124
30	Free and combined amino acids in marine background atmospheric aerosols over the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2011, 45, 1003-1009.	1.9	64
31	Deep-Sea Biodiversity in the Mediterranean Sea: The Known, the Unknown, and the Unknowable. <i>PLoS ONE</i> , 2010, 5, e11832.	1.1	321
32	Phylogenetic diversity of sediment bacteria from the deep Northeastern Pacific Ocean: a comparison with the deep Eastern Mediterranean Sea. <i>International Microbiology</i> , 2010, 13, 143-50.	1.1	29
33	Sulfur cycling and methanogenesis primarily drive microbial colonization of the highly sulfidic Urania deep hypersaline basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9151-9156.	3.3	118
34	Phylogenetic diversity of sediment bacteria from the southern Cretan margin, Eastern Mediterranean Sea. <i>Systematic and Applied Microbiology</i> , 2009, 32, 17-26.	1.2	80
35	Exo-enzymatic activities and organic matter properties in deep-sea canyon and slope systems off the southern Cretan margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 1318-1329.	0.6	18
36	Particle Size Distribution of Airborne Microorganisms and Pathogens during an Intense African Dust Event in the Eastern Mediterranean. <i>Environmental Health Perspectives</i> , 2008, 116, 292-296.	2.8	232

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37	Bacterial and organic matter distribution in the sediments of the Thracian Sea (NE Aegean Sea). <i>Continental Shelf Research</i> , 2007, 27, 2187-2197.	0.9	9
38	Organic Matter Preservation and Microbial Community Accumulations in Deep-Hypersaline Anoxic Basins. <i>Geomicrobiology Journal</i> , 2007, 24, 19-29.	1.0	13
39	Stratified prokaryote network in the oxic-anoxic transition of a deep-sea halocline. <i>Nature</i> , 2006, 440, 203-207.	13.7	215
40	Carbon speciation and composition of natural microbial communities in polluted and pristine sediments of the Eastern Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2006, 52, 1396-1405.	2.3	17
41	Links between Geographic Location, Environmental Factors, and Microbial Community Composition in Sediments of the Eastern Mediterranean Sea. <i>Microbial Ecology</i> , 2005, 49, 367-378.	1.4	87
42	Bacterial Community Composition in Different Sediments from the Eastern Mediterranean Sea: a Comparison of Four 16S Ribosomal DNA Clone Libraries. <i>Microbial Ecology</i> , 2005, 50, 447-462.	1.4	100
43	Effect of temperature and additional carbon sources on phenol degradation by an indigenous soil Pseudomonad. <i>Biodegradation</i> , 2005, 16, 403-413.	1.5	86
44	Effects of bottom trawling on the quantity and biochemical composition of organic matter in coastal marine sediments (Thermaikos Gulf, northwestern Aegean Sea). <i>Continental Shelf Research</i> , 2005, 25, 2491-2505.	0.9	60
45	Benthic microbial abundance and activities in an intensively trawled ecosystem (Thermaikos Gulf). <i>Journal of Environmental Microbiology and Biotechnology</i> , 2005, 1, 1-14.	0.9	23
46	Study of the mineralization effect on the distribution of lipids in sediments from the Cretan Sea: Evidence for hydrocarbon degradation and starvation stress. <i>Continental Shelf Research</i> , 2005, 25, 2196-2212.	0.9	4
47	Preliminary assessment of methanogenic microbial communities in marine caves of Zakynthos Island (Ionian Sea, Greece). <i>Mediterranean Marine Science</i> , 0, , 284.	0.6	2