

Paraskevi N Polymenakou

List of Publications by Year in descending order

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47
papers

2,904
citations

257101

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49
all docs

49
docs citations

49
times ranked

5537
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep-Sea Biodiversity in the Mediterranean Sea: The Known, the Unknown, and the Unknowable. PLoS ONE, 2010, 5, e11832.	1.1	321
2	Metagenomics: Tools and Insights for Analyzing Next-Generation Sequencing Data Derived from Biodiversity Studies. Bioinformatics and Biology Insights, 2015, 9, BBI.S12462.	1.0	317
3	Particle Size Distribution of Airborne Microorganisms and Pathogens during an Intense African Dust Event in the Eastern Mediterranean. Environmental Health Perspectives, 2008, 116, 292-296.	2.8	232
4	Stratified prokaryote network in the oxic-anoxic transition of a deep-sea halocline. Nature, 2006, 440, 203-207.	13.7	215
5	The sponge microbiome project. GigaScience, 2017, 6, 1-7.	3.3	193
6	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	3.3	185
7	Atmosphere: A Source of Pathogenic or Beneficial Microbes?. Atmosphere, 2012, 3, 87-102.	1.0	124
8	Sulfur cycling and methanogenesis primarily drive microbial colonization of the highly sulfidic Urania deep hypersaline basin. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9151-9156.	3.3	118
9	Bacterial Community Composition in Different Sediments from the Eastern Mediterranean Sea: a Comparison of Four 16S Ribosomal DNA Clone Libraries. Microbial Ecology, 2005, 50, 447-462.	1.4	100
10	New insights into hydrothermal vent processes in the unique shallow-submarine arc-volcano, Kolumbo (Santorini), Greece. Scientific Reports, 2013, 3, 2421.	1.6	97
11	Links between Geographic Location, Environmental Factors, and Microbial Community Composition in Sediments of the Eastern Mediterranean Sea. Microbial Ecology, 2005, 49, 367-378.	1.4	87
12	Effect of temperature and additional carbon sources on phenol degradation by an indigenous soil Pseudomonad. Biodegradation, 2005, 16, 403-413.	1.5	86
13	Phylogenetic diversity of sediment bacteria from the southern Cretan margin, Eastern Mediterranean Sea. Systematic and Applied Microbiology, 2009, 32, 17-26.	1.2	80
14	Free and combined amino acids in marine background atmospheric aerosols over the Eastern Mediterranean. Atmospheric Environment, 2011, 45, 1003-1009.	1.9	64
15	Effects of bottom trawling on the quantity and biochemical composition of organic matter in coastal marine sediments (Thermaikos Gulf, northwestern Aegean Sea). Continental Shelf Research, 2005, 25, 2491-2505.	0.9	60
16	Carbon and Chlorine Isotope Fractionation During Microbial Degradation of Tetra- and Trichloroethene. Environmental Science & Technology, 2013, 47, 6449-6456.	4.6	60
17	Biodiversity, Anti-Trypanosomal Activity Screening, and Metabolomic Profiling of Actinomycetes Isolated from Mediterranean Sponges. PLoS ONE, 2015, 10, e0138528.	1.1	58
18	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. Chemosphere, 2014, 106, 28-35.	4.2	52

#	ARTICLE	IF	CITATIONS
19	Kolumbo submarine volcano (Greece): An active window into the Aegean subduction system. Scientific Reports, 2016, 6, 28013.	1.6	52
20	The founding charter of the Genomic Observatories Network. GigaScience, 2014, 3, 2.	3.3	51
21	Metagenomic investigation of the geologically unique Hellenic Volcanic Arc reveals a distinctive ecosystem with unexpected physiology. Environmental Microbiology, 2016, 18, 1122-1136.	1.8	37
22	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
23	Benthic communities in the deep Mediterranean Sea: exploring microbial and meiofaunal patterns in slope and basin ecosystems. Biogeosciences, 2013, 10, 4861-4878.	1.3	29
24	Phylogenetic diversity of sediment bacteria from the deep Northeastern Pacific Ocean: a comparison with the deep Eastern Mediterranean Sea. International Microbiology, 2010, 13, 143-50.	1.1	29
25	Benthic microbial abundance and activities in an intensively trawled ecosystem (Thermaikos Gulf.) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	23
26	Microbial community differentiation between active and inactive sulfide chimneys of the Kolumbo submarine volcano, Hellenic Volcanic Arc. Extremophiles, 2018, 22, 13-27.	0.9	21
27	Exo-enzymatic activities and organic matter properties in deep-sea canyon and slope systems off the southern Cretan margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 1318-1329.	0.6	18
28	Carbon speciation and composition of natural microbial communities in polluted and pristine sediments of the Eastern Mediterranean Sea. Marine Pollution Bulletin, 2006, 52, 1396-1405.	2.3	17
29	Pyrosequencing analysis of microbial communities reveals dominant cosmopolitan phylotypes in deep-sea sediments of the eastern Mediterranean Sea. Research in Microbiology, 2015, 166, 448-457.	1.0	15
30	Plant and sediment properties in seagrass meadows from two Mediterranean CO ₂ vents: Implications for carbon storage capacity of acidified oceans. Marine Environmental Research, 2019, 146, 101-108.	1.1	14
31	Organic Matter Preservation and Microbial Community Accumulations in Deep-Hypersaline Anoxic Basins. Geomicrobiology Journal, 2007, 24, 19-29.	1.0	13
32	Microbial strains isolated from CO ₂ -venting Kolumbo submarine volcano show enhanced co-tolerance to acidity and antibiotics. Marine Environmental Research, 2019, 144, 102-110.	1.1	13
33	A simple cleanup method for the removal of humic substances from soil protein extracts using aluminum coagulation. Environmental Science and Pollution Research, 2018, 25, 23845-23856.	2.7	10
34	Bacterial and organic matter distribution in the sediments of the Thracian Sea (NE Aegean Sea). Continental Shelf Research, 2007, 27, 2187-2197.	0.9	9
35	Genomic adaptation of Pseudomonas strains to acidity and antibiotics in hydrothermal vents at Kolumbo submarine volcano, Greece. Scientific Reports, 2021, 11, 1336.	1.6	9
36	Microbial Response to Organic Matter Enrichment in the Oligotrophic Levantine Basin (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.0	7

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Shallow-water hydrothermalism at Milos (Greece): Nature, distribution, heat fluxes and impact on ecosystems. <i>Marine Geology</i> , 2021, 438, 106521.	0.9	6
40	SANTORY: SANTORINI'S Seafloor Volcanic Observatory. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	6
41	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
42	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
43	Microbial Benthic Communities in the Aegean Sea. <i>Handbook of Environmental Chemistry</i> , 2020, , 1.	0.2	4
44	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
45	The Santorini Volcanic Complex as a Valuable Source of Enzymes for Bioenergy. <i>Energies</i> , 2021, 14, 1414.	1.6	3
46	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
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