Christina Pavloudi

List of Publications by Year
in descending order

33 papers	999 citations	687363 13 h-index	477307 29 g-index
48 all docs	48 docs citations	48 times ranked	1902 citing authors

#	Article	IF	Citations
1	Metagenomics: Tools and Insights for Analyzing Next-Generation Sequencing Data Derived from Biodiversity Studies. Bioinformatics and Biology Insights, 2015, 9, BBI.S12462.	2.0	317
2	The SPECIES and ORGANISMS Resources for Fast and Accurate Identification of Taxonomic Names in Text. PLoS ONE, 2013, 8, e65390.	2.5	134
3	Polytraits: A database on biological traits of marine polychaetes. Biodiversity Data Journal, 2014, 2, e1024.	0.8	85
4	PEMA: a flexible Pipeline for Environmental DNA Metabarcoding Analysis of the 16S/18S ribosomal RNA, ITS, and COI marker genes. GigaScience, 2020, 9, .	6.4	50
5	Sediment microbial taxonomic and functional diversity in a natural salinity gradient challenge Remaneâ€™s â€œspecies minimumâ€•concept. PeerJ, 2017, 5, e3687.	2.0	43
6	A comparison of the degree of implementation of marine biodiversity indicators by European countries in relation to the Marine Strategy Framework Directive (MSFD). Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1519-1531.	0.8	35
7	A Marine Biodiversity Observation Network for Genetic Monitoring of Hard-Bottom Communities (ARMS-MBON). Frontiers in Marine Science, 2020, 7, .	2.5	34
8	New Alien Mediterranean Biodiversity Records 2020. Mediterranean Marine Science, 2020, 21, 129.	1.6	29
9	<tt>Seqenv</tt>: linking sequences to environments through text mining. PeerJ, 2016, 4, e2690.	2.0	26
10	Salinity is the major factor influencing the sediment bacterial communities in a Mediterranean lagoonal complex (Amvrakikos Gulf, Ionian Sea). Marine Genomics, 2016, 28, 71-81.	1.1	22
11	Micro-CT for Biological and Biomedical Studies: A Comparison of Imaging Techniques. Journal of Imaging, 2021, 7, 172.	3.0	22
12	0s and 1s in marine molecular research: a regional HPC perspective. GigaScience, 2021, 10, .	6.4	19
13	ENVIRONMENTS and EOL: identification of Environment Ontology terms in text and the annotation of the Encyclopedia of Life. Bioinformatics, 2015, 31, 1872-1874.	4.1	18
14	Engaging the broader community in biodiversity research: the concept of the COMBER pilot project for divers in ViBRANT. ZooKeys, 2011, 150, 211-229.	1.1	17
15	Geographic patterns of biodiversity in European coastal marine benthos. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 507-523.	0.8	14
16	Macrofaunal assemblages associated with the sponge Sarcotragus foetidus Schmidt, 1862 (Porifera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	13
17	Optimized R functions for analysis of ecological community data using the R virtual laboratory (RvLab). Biodiversity Data Journal, 2016, 4, e8357.	0.8	13
18	Toward a Global Public Repository of Community Protocols to Encourage Best Practices in Biomolecular Ocean Observing and Research. Frontiers in Marine Science, 2021, 8, .	2.5	12

#	Article	IF	Citations
19	Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 539-547.	0.8	11
20	Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 525-538.	0.8	10
21	The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 549-560.	0.8	10
22	Viral Metagenomic Content Reflects Seawater Ecological Quality in the Coastal Zone. Viruses, 2020, 12, 806.	3.3	10
23	The Dark mAtteR iNvestigator (DARN) tool: getting to know the known unknowns in COI amplicon data. Metabarcoding and Metagenomics, 0, 5, .	0.0	10
24	Unique COI haplotypes in Hediste diversicolor populations in lagoons adjoining the Ionian Sea. Aquatic Biology, 2016, 25, 7-15.	1.4	8
25	Genomics Observatory Use-Case: The challenge to standardise image and sequence data to Darwin Core format. Biodiversity Information Science and Standards, 0, 4, .	0.0	7
26	Resistance of polychaete species and trait patterns to simulated species loss in coastal lagoons. Journal of Sea Research, 2015, 98, 73-82.	1.6	6
27	Environmental variability and heavy metal concentrations from five lagoons in the Ionian Sea (Amvrakikos Gulf, W Greece). Biodiversity Data Journal, 2016, 4, e8233.	0.8	6
28	Benthic habitat mapping of Plazh Gradina â€“ Zlatna ribka (Black Sea) and Karpathos and Saria Islands (Mediterranean Sea). Biodiversity Data Journal, 2021, 9, e71972.	0.8	5
29	Diversity and abundance of sulfate-reducing microorganisms in a Mediterranean lagoonal complex (Amvrakikos Gulf, Ionian Sea) derived from dsrB gene. Aquatic Microbial Ecology, 2017, 79, 209-219.	1.8	3
30	Seascape of Soft Bottom Benthic Communities in the Aegean Sea. Handbook of Environmental Chemistry, 2022, , 1.	0.4	2
31	Genetic diversity ofNephtys hombergii(Phyllodocida, Polychaeta) associated with environmental factors in a highly fluctuating ecosystem. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 777-789.	0.8	1
32	PEMA v2: addressing metabarcoding bioinformatics analysis challenges. ARPHA Conference Abstracts, 0, 4, .	0.0	0
33	The Collaborative Potential of Research Infrastructures in Addressing Global Scientific Questions. Biodiversity Information Science and Standards, 0, 3, .	0.0	0