

Bachisio Mario Padedda

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,032
citations

471061

17
h-index

454577

30
g-index

49
all docs

49
docs citations

49
times ranked

1700
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analysis of multidecadal biodiversity trends in Europe. <i>Nature Communications</i> , 2020, 11, 3486.	5.8	115
2	Consequences of eutrophication in the management of water resources in Mediterranean reservoirs: A case study of Lake Cedrino (Sardinia, Italy). <i>Global Ecology and Conservation</i> , 2017, 12, 21-35.	1.0	76
3	Cyanobacterial toxins in Italian freshwaters. <i>Limnologica</i> , 2009, 39, 95-106.	0.7	70
4	A numerical index for evaluating phytoplankton response to changes in nutrient levels in deep mediterranean reservoirs. <i>Journal of Limnology</i> , 2009, 68, 106.	0.3	66
5	Dinoflagellate cysts in recent sediments from two semi-enclosed areas of the Western Mediterranean Sea subject to high human impact. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 256-267.	0.6	62
6	Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 392-409.	0.9	55
7	Plankton dynamics across the freshwater, transitional and marine research sites of the LTER-Italy Network. Patterns, fluctuations, drivers. <i>Science of the Total Environment</i> , 2018, 627, 373-387.	3.9	51
8	Quantifying uncertainties in biologically-based water quality assessment: A pan-European analysis of lake phytoplankton community metrics. <i>Ecological Indicators</i> , 2013, 29, 34-47.	2.6	41
9	Effects of trophic status on microcystin production and the dominance of cyanobacteria in the phytoplankton assemblage of Mediterranean reservoirs. <i>Scientific Reports</i> , 2016, 5, 17964.	1.6	34
10	Cyanobacteria, Cyanotoxins, and Neurodegenerative Diseases: Dangerous Liaisons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8726.	1.8	32
11	Dinoflagellate Cyst Assemblages in Surface Sediments from Three Shallow Mediterranean Lagoons (Sardinia, North Western Mediterranean Sea). <i>Estuaries and Coasts</i> , 2014, 37, 646-663.	1.0	31
12	The dominance of cyanobacteria in Mediterranean hypereutrophic lagoons: a case study of Cabras Lagoon (Sardinia, Italy). <i>Scientia Marina</i> , 2011, 75, 111-120.	0.3	27
13	Comparison of biological and ecological long-term trends related to northern hemisphere climate in different marine ecosystems. <i>Nature Conservation</i> , 0, 34, 311-341.	0.0	25
14	First record of planktonic crustaceans in Sardinian reservoirs. <i>Biologia (Poland)</i> , 2011, 66, 856-865.	0.8	23
15	Nutrient-flux evaluation by the LOICZ Biogeochemical Model in Mediterranean lagoons: the case of Cabras Lagoon (Central-Western Sardinia). <i>Chemistry and Ecology</i> , 2010, 26, 147-162.	0.6	22
16	Multiannual <i>Chattonella subsalsa</i> Biecheler (Raphidophyceae) blooms in a Mediterranean lagoon (Santa Giusta Lagoon, Sardinia Island, Italy). <i>Harmful Algae</i> , 2017, 67, 61-73.	2.2	21
17	Seasonal variations of phytoplankton size structure in relation to environmental variables in three Mediterranean shallow coastal lagoons. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 95-104.	0.9	21
18	Epilithic diatom assemblages and environmental quality of the Su Gologone karst spring (centraleastern Sardinia, Italy). <i>Acta Botanica Croatica</i> , 2016, 75, 129-143.	0.3	17

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19	Picophytoplankton Seasonal Dynamics and Interactions with Environmental Variables in Three Mediterranean Coastal Lagoons. <i>Estuaries and Coasts</i> , 2017, 40, 469-478.	1.0	17
20	Diatom assemblages from different substrates of the Casteldoria thermo-mineral spring (Northern Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.7	17
21	Paralytic Shellfish Toxins and Cyanotoxins in the Mediterranean: New Data from Sardinia and Sicily (Italy). <i>Microorganisms</i> , 2017, 5, 72.	1.6	16
22	Effects of warming on a Mediterranean phytoplankton community. <i>Web Ecology</i> , 2016, 16, 89-92.	0.4	16
23	Long-term experimental <i>in situ</i> farming of <i>Crambe crambe</i> (Demospongiae: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.9	16
24	Spatial distribution and multiannual trends of potentially toxic microalgae in shellfish farms along the Sardinian coast (NW Mediterranean Sea). <i>Environmental Monitoring and Assessment</i> , 2015, 187, 86.	1.3	15
25	Estimation of satellite-derived lake water surface temperatures in the western Mediterranean: Integrating multi-source, multi-resolution imagery and a long-term field dataset using a time series approach. <i>Science of the Total Environment</i> , 2020, 707, 135567.	3.9	14
26	Diversity, ecology and distribution of benthic diatoms in thermo-mineral springs in Auvergne (France) and Sardinia (Italy). <i>PeerJ</i> , 2019, 7, e7238.	0.9	13
27	Mediterranean karst springs: diatom biodiversity hotspots under the pressure of hydrological fluctuation and nutrient enrichment. <i>Plant Biosystems</i> , 2020, 154, 673-684.	0.8	12
28	Long-term ecological studies on phytoplankton in Mediterranean reservoirs: a case study from Sardinia (Italy). <i>Inland Waters</i> , 2015, 5, 339-354.	1.1	11
29	A fast-response methodological approach to assessing and managing nutrient loads in eutrophic Mediterranean reservoirs. <i>Ecological Engineering</i> , 2015, 85, 47-55.	1.6	11
30	Diatom Biodiversity in Karst Springs of Mediterranean Geographic Areas with Contrasting Characteristics: Islands vs Mainland. <i>Water (Switzerland)</i> , 2019, 11, 2602.	1.2	10
31	Responses of a Mediterranean coastal lagoon plankton community to experimental warming. <i>Marine Biology</i> , 2020, 167, 1.	0.7	9
32	Changes of nutrient concentrations and phytoplankton communities after morphological modification in the S'Ena Arrubia Lagoon (Central-Western Sardinia). <i>Chemistry and Ecology</i> , 2005, 21, 491-502.	0.6	7
33	Spatiotemporal dynamics of C and N isotopic signature of zooplankton: a seasonal study on a man-made lake in the Mediterranean region. <i>Annales De Limnologie</i> , 2014, 50, 279-287.	0.6	7
34	Periphytic diatoms of the Mediterranean karst spring Sa Vena (Su Gologone system, Sardinia, Italy): relationships with environmental variables and effects of an extreme flash flood. <i>Inland Waters</i> , 2018, 8, 284-293.	1.1	6
35	Multiannual decrement of nutrient concentrations and phytoplankton cell size in a Mediterranean reservoir. <i>Nature Conservation</i> , 0, 34, 163-191.	0.0	6
36	Ecological, morphological and molecular characterization of <i>Kryptoperidinium</i> sp. (Dinophyceae) from two Mediterranean coastal shallow lagoons. <i>Harmful Algae</i> , 2020, 97, 101855.	2.2	5

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37	Gradients of salinity and plant community richness and diversity in two different Mediterranean coastal ecosystems in NW Sardinia. <i>Biodiversity Data Journal</i> , 2021, 9, e71247.	0.4	5
38	Benthic diatoms as indicators of biological quality and physical disturbance in Mediterranean watercourses: a case study of the Rio Mannu di Porto Torres basin, northwestern Sardinia, Italy. <i>Diatom Research</i> , 2014, 29, 11-26.	0.5	4
39	Study on the suspended particulate matter of a Mediterranean artificial lake (Sos Canales Lake) using Stable Isotope Analysis of carbon and nitrogen. <i>Annales De Limnologie</i> , 2016, 52, 401-412.	0.6	4
40	Land-Based Impact of Nutrient Loads and Eutrophication on an Ancient Mediterranean Natural Lake. <i>Hydrology</i> , 2022, 9, 7.	1.3	4
41	<i>Chamaepinnularia thermophila</i> (Bacillariophyceae): synonymy with <i>Navicula tongatensis</i> Hustedt and update of its geographic distribution and ecology. <i>Oceanological and Hydrobiological Studies</i> , 2019, 48, 105-115.	0.3	3
42	Environmental factors structuring diatom assemblages in thermo-mineral springs of Sardinia, Italy. <i>Freshwater Science</i> , 2022, 41, 45-61.	0.9	3
43	Phytoplankton cell geometric shapes along Mediterranean seasonal environmental variability in natural and artificial lakes. <i>Journal of Plankton Research</i> , 2022, 44, 208-223.	0.8	3
44	Analysis of $\delta^{13}C$ and $\delta^{15}N$ isotopic signatures to shed light on the hydrological cycle's influence on the trophic behavior of fish in a Mediterranean reservoir. <i>Biologia (Poland)</i> , 2016, 71, 1395-1403.	0.8	1
45	Dataset of seasonal mean volumes of phytoplankton cell size classes in Mediterranean shallow coastal lagoons. <i>Data in Brief</i> , 2018, 20, 337-344.	0.5	1
46	<i>Planothidium marganaensis</i> sp. nov. (Bacillariophyta), a new cavum-bearing species from a karst spring in south-western Sardinia (Italy). <i>Phytotaxa</i> , 2021, 489, 140-154.	0.1	1
47	Identification of <i>Chattonella</i> (Raphidophyceae) species in long-term phytoplankton samples from Santa Giusta Lagoon, Italy. <i>Scientia Marina</i> , 2011, .	0.3	0