Giuseppe Bonanno

List of Publications by Year
in descending order

39	1,896	279487 23	315357 38
papers	citations	h-index	g-index

39	39	39	2141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heavy metal bioaccumulation by the organs of Phragmites australis (common reed) and their potential use as contamination indicators. Ecological Indicators, 2010, 10, 639-645.	2.6	347
2	Trace element accumulation and distribution in the organs of Phragmites australis (common reed) and biomonitoring applications. Ecotoxicology and Environmental Safety, 2011, 74, 1057-1064.	2.9	174
3	Levels of heavy metals in wetland and marine vascular plants and their biomonitoring potential: A comparative assessment. Science of the Total Environment, 2017, 576, 796-806.	3.9	168
4	Comparative performance of trace element bioaccumulation and biomonitoring in the plant species Typha domingensis, Phragmites australis and Arundo donax. Ecotoxicology and Environmental Safety, 2013, 97, 124-130.	2.9	146
5	Comparative analysis of element concentrations and translocation in three wetland congener plants: Typha domingensis , Typha latifolia and Typha angustifolia. Ecotoxicology and Environmental Safety, 2017, 143, 92-101.	2.9	107
6	Translocation, accumulation and bioindication of trace elements in wetland plants. Science of the Total Environment, 2018, 631-632, 252-261.	3.9	93
7	Perspectives on using marine species as bioindicators of plastic pollution. Marine Pollution Bulletin, 2018, 137, 209-221.	2.3	74
8	Arundo donax as a potential biomonitor of trace element contamination in water and sediment. Ecotoxicology and Environmental Safety, 2012, 80, 20-27.	2.9	71
9	Ten inconvenient questions about plastics in the sea. Environmental Science and Policy, 2018, 85, 146-154.	2.4	57
10	Trace element compartmentation in the seagrass Posidonia oceanica and biomonitoring applications. Marine Pollution Bulletin, 2017, 116, 196-203.	2.3	50
11	Trace elements in Mediterranean seagrasses and macroalgae. A review. Science of the Total Environment, 2018, 618, 1152-1159.	3.9	50
12	Compartmentalization of potentially hazardous elements in macrophytes: Insights into capacity and efficiency of accumulation. Journal of Geochemical Exploration, 2017, 181, 22-30.	1.5	48
13	Chemical elements in Mediterranean macroalgae. A review. Ecotoxicology and Environmental Safety, 2018, 148, 44-71.	2.9	45
14	Alien species: to remove or not to remove? That is the question. Environmental Science and Policy, 2016, 59, 67-73.	2.4	44
15	Seagrass Cymodocea nodosa as a trace element biomonitor: Bioaccumulation patterns and biomonitoring uses. Journal of Geochemical Exploration, 2016, 169, 43-49.	1.5	41
16	Heavy metal content in ash of energy crops growing in sewage-contaminated natural wetlands: Potential applications in agriculture and forestry?. Science of the Total Environment, 2013, 452-453, 349-354.	3.9	38
17	Trace elements in Mediterranean seagrasses: Accumulation, tolerance and biomonitoring. A review. Marine Pollution Bulletin, 2017, 125, 8-18.	2.3	37
18	Marine plastics: What risks and policies exist for seagrass ecosystems in the Plasticene?. Marine Pollution Bulletin, 2020, 158, 111425.	2.3	35

#	Article	IF	Citations
19	The alga Ulva lactuca (Ulvaceae, Chlorophyta) as a bioindicator of trace element contamination along the coast of Sicily, Italy. Science of the Total Environment, 2020, 699, 134329.	3.9	29
20	Seagrass Halophila stipulacea: Capacity of accumulation and biomonitoring of trace elements. Science of the Total Environment, 2018, 633, 257-263.	3.9	27
21	Leaves of Phragmites australis as potential atmospheric biomonitors of Platinum Group Elements. Ecotoxicology and Environmental Safety, 2015, 114, 31-37.	2.9	26
22	Comparative assessment of trace element accumulation and biomonitoring in seaweed Ulva lactuca and seagrass Posidonia oceanica. Science of the Total Environment, 2020, 718, 137413.	3.9	26
23	Application of Two Quality Indices as Monitoring and Management Tools of Rivers. Case Study: The Imera Meridionale River, Italy. Environmental Management, 2010, 45, 856-867.	1.2	24
24	Non-indigenous marine species in the Mediterranean Seaâ€"Myth and reality. Environmental Science and Policy, 2019, 96, 123-131.	2.4	23
25	Comparative assessment of trace element accumulation and bioindication in seagrasses Posidonia oceanica, Cymodocea nodosa and Halophila stipulacea. Marine Pollution Bulletin, 2018, 131, 260-266.	2.3	22
26	Comparative analysis of trace element accumulation in seagrasses Posidonia oceanica and Cymodocea nodosa: Biomonitoring applications and legislative issues. Marine Pollution Bulletin, 2018, 128, 24-31.	2.3	15
27	Adaptive management as a tool to improve the conservation of endemic floras: the case of Sicily, Malta and their satellite islands. Biodiversity and Conservation, 2013, 22, 1317-1354.	1.2	12
28	Ricinus communis as an Element Biomonitor of Atmospheric Pollution in Urban Areas. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	12
29	Trace element biomonitoring using mosses in urban areas affected by mud volcanoes around Mt. Etna. The case of the Salinelle, Italy. Environmental Monitoring and Assessment, 2012, 184, 5181-5188.	1.3	11
30	New insights into the distribution patterns of Mediterranean insular endemic plants: The Sicilian islandsâ€™ group. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 224, 230-243.	0.6	9
31	Seagrass Cymodocea nodosa and seaweed Ulva lactuca as tools for trace element biomonitoring. A comparative study. Marine Pollution Bulletin, 2020, 161, 111743.	2.3	8
32	Non-indigenous macrophytes in Adriatic ports and transitional waters: Trends, taxonomy, introduction vectors, pathways and management. Marine Pollution Bulletin, 2019, 145, 656-672.	2.3	7
33	Non-indigenous macrophytes in Central Mediterranean ports, marinas and transitional waters: Origin, vectors and pathways of dispersal. Marine Pollution Bulletin, 2021, 162, 111916.	2.3	7
34	Nitrogen multitemporal monitoring through mosses in urban areas affected by mud volcanoes around Mt. Etna, Italy. Environmental Monitoring and Assessment, 2013, 185, 8115-8123.	1.3	5
35	La vegetazione della foce del fiume Salso (Sicilia meridionale). Webbia, 2008, 63, 109-133.	0.1	2
36	Ecology and distribution of a controversial macrophyte in Sicily: Zannichellia peltata (Zannichelliaceae). Biologia (Poland), 2011, 66, 833-836.	0.8	2

#	Article	IF	Citations
37	Spatial and temporal distribution of trace elements in Padina pavonica from the northern Adriatic Sea. Marine Pollution Bulletin, 2021, 172, 112874.	2.3	2
38	Vegetation of the Acquicella stream, urban water course of Catania (Sicily, South Italy). Webbia, 2009, 64, 213-234.	0.1	1
39	Marine organisms as bioindicators of plastic pollution. , 2022, , 187-248.		1