Giuseppe Bonanno

List of Publications by Citations

39 papers	1,392 citations	19 h-index	37 g-index
39 ext. papers	1,634 ext. citations	6 avg, IF	5.8 L-index

#	Paper	IF	Citations
39	Heavy metal bioaccumulation by the organs of Phragmites australis (common reed) and their potential use as contamination indicators. *Ecological Indicators*, **2010**, 10, 639-645	5.8	279
38	Trace element accumulation and distribution in the organs of Phragmites australis (common reed) and biomonitoring applications. *Ecotoxicology and Environmental Safety*, **2011**, 74, 1057-64	7	136
37	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	10.2	123
36	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, 124-30	7	117
35	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	7	73
34	Arundo donax as a potential biomonitor of trace element contamination in water and sediment. *Ecotoxicology and Environmental Safety*, **2012**, 80, 20-7	7	62
33	Translocation, accumulation and bioindication of trace elements in wetland plants. *Science of the Total Environment*, **2018**, 631-632, 252-261	10.2	60
32	Ten inconvenient questions about plastics in the sea. *Environmental Science and Policy*, **2018**, 85, 146-154	6.2	42
31	Perspectives on using marine species as bioindicators of plastic pollution. *Marine Pollution Bulletin*, **2018**, 137, 209-221	6.7	39
30	Trace elements in Mediterranean seagrasses and macroalgae. A review. *Science of the Total Environment*, **2018**, 618, 1152-1159	10.2	37
29	Trace element compartmentation in the seagrass Posidonia oceanica and biomonitoring applications. *Marine Pollution Bulletin*, **2017**, 116, 196-203	6.7	34
28	Chemical elements in Mediterranean macroalgae. A review. *Ecotoxicology and Environmental Safety*, **2018**, 148, 44-71	7	34
27	Alien species: to remove or not to remove? That is the question. *Environmental Science and Policy*, **2016**, 59, 67-73	6.2	33
26	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, 349-54	10.2	33
25	Compartmentalization of potentially hazardous elements in macrophytes: Insights into capacity and efficiency of accumulation. *Journal of Geochemical Exploration*, **2017**, 181, 22-30	3.8	33
24	Seagrass Cymodocea nodosa as a trace element biomonitor: Bioaccumulation patterns and biomonitoring uses. *Journal of Geochemical Exploration*, **2016**, 169, 43-49	3.8	32
23	Trace elements in Mediterranean seagrasses: Accumulation, tolerance and biomonitoring. A review. *Marine Pollution Bulletin*, **2017**, 125, 8-18	6.7	28

22	Leaves of Phragmites australis as potential atmospheric biomonitors of Platinum Group Elements. *Ecotoxicology and Environmental Safety*, **2015**, 114, 31-7	7	22
21	Application of two quality indices as monitoring and management tools of rivers. Case study: the Imera Meridionale River, Italy. *Environmental Management*, **2010**, 45, 856-67	3.1	21
20	Seagrass Halophila stipulacea: Capacity of accumulation and biomonitoring of trace elements. *Science of the Total Environment*, **2018**, 633, 257-263	10.2	19
19	Comparative assessment of trace element accumulation and biomonitoring in seaweed Ulva lactuca and seagrass Posidonia oceanica. *Science of the Total Environment*, **2020**, 718, 137413	10.2	15
18	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	10.2	15
17	Marine plastics: What risks and policies exist for seagrass ecosystems in the Plasticene?. *Marine Pollution Bulletin*, **2020**, 158, 111425	6.7	14
16	Non-indigenous marine species in the Mediterranean Sea: Myth and reality. *Environmental Science and Policy*, **2019**, 96, 123-131	6.2	13
15	Comparative assessment of trace element accumulation and bioindication in seagrasses Posidonia oceanica, Cymodocea nodosa and Halophila stipulacea. *Marine Pollution Bulletin*, **2018**, 131, 260-266	6.7	13
14	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	6.7	10
13	Ricinus communis as an Element Biomonitor of Atmospheric Pollution in Urban Areas. *Water, Air, and Soil Pollution*, **2014**, 225, 1	2.6	10
12	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	3.4	9
11	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, 5181-8	3.1	9
10	New insights into the distribution patterns of Mediterranean insular endemic plants: The Sicilian islands group. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2016**, 224, 230-243	1.9	8
9	Nitrogen multitemporal monitoring through mosses in urban areas affected by mud volcanoes around Mt. Etna, Italy. *Environmental Monitoring and Assessment*, **2013**, 185, 8115-23	3.1	4
8	Seagrass Cymodocea nodosa and seaweed Ulva lactuca as tools for trace element biomonitoring. A comparative study. *Marine Pollution Bulletin*, **2020**, 161, 111743	6.7	4
7	Non-indigenous macrophytes in Adriatic ports and transitional waters: Trends, taxonomy, introduction vectors, pathways and management. *Marine Pollution Bulletin*, **2019**, 145, 656-672	6.7	3
6	Ecology and distribution of a controversial macrophyte in Sicily: Zannichellia peltata (Zannichelliaceae). *Biologia (Poland)*, **2011**, 66, 833-836	1.5	2
5	La vegetazione della foce del fiume Salso (Sicilia meridionale). *Webbia*, **2008**, 63, 109-133	0.4	2

4	Non-indigenous macrophytes in Central Mediterranean ports, marinas and transitional waters: Origin, vectors and pathways of dispersal. *Marine Pollution Bulletin*, **2021**, 162, 111916	6.7	2
3	Vegetation of the Acquicella stream, urban water course of Catania (Sicily, South Italy). *Webbia*, **2009**, 64, 213-234	0.4	1
2	Spatial and temporal distribution of trace elements in Padina pavonica from the northern Adriatic Sea. *Marine Pollution Bulletin*, **2021**, 172, 112874	6.7	1
1	Marine organisms as bioindicators of plastic pollution **2022**, 187-248		