Ugo Marzocchi

List of Publications by Year
in descending order

25	612	623734	610901
papers	citations	14 h-index	24 g-index

27	27	27	653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric coupling between distant nitrate reduction and sulfide oxidation in marine sediment. ISME Journal, 2014, 8, 1682-1690.	9.8	115
2	Benthic metabolism and denitrification in a river reach: a comparison between vegetated and bare sediments. Journal of Limnology, 2009, 68, 133.	1.1	49
3	Parallel artificial and biological electric circuits power petroleum decontamination: The case of snorkel and cable bacteria. Water Research, 2020, 173, 115520.	11.3	44
4	Electrogenic sulfide oxidation mediated by cable bacteria stimulates sulfate reduction in freshwater sediments. ISME Journal, 2020, 14, 1233-1246.	9.8	41
5	Cable bacteria promote DNRA through iron sulfide dissolution. Limnology and Oceanography, 2019, 64, 1228-1238.	3.1	38
6	Transient bottom water oxygenation creates a niche for cable bacteria in longâ€term anoxic sediments of the Eastern Gotland Basin. Environmental Microbiology, 2018, 20, 3031-3041.	3.8	37
7	Capping with activated carbon reduces nutrient fluxes, denitrification and meiofauna in contaminated sediments. Water Research, 2019, 148, 515-525.	11.3	34
8	Spatial heterogeneity and shortâ€term oxygen dynamics in the rhizosphere of Vallisneria spiralis: Implications for nutrient cycling. Freshwater Biology, 2019, 64, 532-543.	2.4	28
9	Elevated sedimentary removal of Fe, Mn, and trace elements following a transient oxygenation event in the Eastern Gotland Basin, central Baltic Sea. Geochimica Et Cosmochimica Acta, 2020, 271, 16-32.	3.9	23
10	Effect of salinity on cable bacteria species composition and diversity. Environmental Microbiology, 2021, 23, 2605-2616.	3.8	23
11	Dissimilatory nitrate reduction by a freshwater cable bacterium. ISME Journal, 2022, 16, 50-57.	9.8	21
12	Meiofauna improve oxygenation and accelerate sulfide removal in the seasonally hypoxic seabed. Marine Environmental Research, 2020, 159, 104968.	2.5	20
13	The Effect of Chironomid Larvae on Nitrogen Cycling and Microbial Communities in Soft Sediments. Water (Switzerland), 2019, 11, 1931.	2.7	17
14	Uncovering diversity and metabolic spectrum of animals in dead zone sediments. Communications Biology, 2020, 3, 106.	4.4	16
15	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	15
16	Zebra Mussel Holobionts Fix and Recycle Nitrogen in Lagoon Sediments. Frontiers in Microbiology, 2020, 11, 610269.	3.5	15
17	Novel method to immobilize phosphate in lakes using sediment microbial fuel cells. Water Research, 2021, 198, 117108.	11.3	14
18	Effect of settled diatomâ€aggregates on benthic nitrogen cycling. Limnology and Oceanography, 2018, 63, 431-444.	3.1	11

#	Article	IF	Citations
19	Sulfide oxidation in deep Baltic Sea sediments upon oxygenation and colonization by macrofauna. Marine Biology, 2019, 166, 1.	1.5	11
20	Enhanced Hydrocarbons Biodegradation at Deep-Sea Hydrostatic Pressure with Microbial Electrochemical Snorkels. Catalysts, 2021, 11, 263.	3.5	10
21	Enhanced benthic nitrous oxide and ammonium production after natural oxygenation of longâ€term anoxic sediments. Limnology and Oceanography, 2022, 67, 419-433.	3.1	10
22	A bioturbator, a holobiont, and a vector: The multifaceted role of Chironomus plumosus in shaping Nâ€cycling. Freshwater Biology, 2021, 66, 1036-1048.	2.4	8
23	Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. Biogeochemistry, 2022, 157, 193-213.	3.5	7
24	Electrophoretic sensitivity control applied on microscale NOxâ˜’ biosensors with different membrane permeabilities. Sensors and Actuators B: Chemical, 2014, 202, 307-313.	7.8	4
25	Snorkels enhance alkanes respiration at ambient and increased hydrostatic pressure (10ÂMPa) by either supporting the TCA cycle or limiting alternative routes for acetyl-CoA metabolism. Journal of Environmental Management, 2022, 316, 115244.	7.8	0