

Pierluigi Viaroli

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132
papers

3,772
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37
h-index

55
g-index

136
ext. papers

4,178
ext. citations

3.1
avg, IF

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L-index

#	Paper	IF	Citations
132	Community shifts, alternative stable states, biogeochemical controls and feedbacks in eutrophic coastal lagoons: a brief overview. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008 , 18, S105-S117	2.6	150
131	Impact of clam and mussel farming on benthic metabolism and nitrogen cycling, with emphasis on nitrate reduction pathways. <i>Marine Ecology - Progress Series</i> , 2006 , 315, 151-165	2.6	122
130	Impact of Tapes philippinarum farming on nutrient dynamics and benthic respiration in the Sacca di Goro. <i>Hydrobiologia</i> , 2001 , 455, 203-212	2.4	113
129	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments. <i>Hydrobiologia</i> , 1996 , 329, 105-119	2.4	102
128	Iron, sulphur and phosphorus cycling in the rhizosphere sediments of a eutrophic Ruppia cirrhosa meadow (Valle Smarlacca, Italy). <i>Journal of Sea Research</i> , 2001 , 45, 15-26	1.9	99
127	ROBUST: The ROLE of Buffering capacities in STabilising coastal lagoon ecosystems. <i>Continental Shelf Research</i> , 2001 , 21, 2021-2041	2.4	98
126	Effect of organic enrichment and thermal regime on denitrification and dissimilatory nitrate reduction to ammonium (DNRA) in hypolimnetic sediments of two lowland lakes. <i>Water Research</i> , 2010 , 44, 2715-24	12.5	94
125	Decomposition of four macrophytes in wetland sediments: Organic matter and nutrient decay and associated benthic processes. <i>Aquatic Botany</i> , 2008 , 89, 303-310	1.8	89
124	Typology in Mediterranean transitional waters: new challenges and perspectives. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006 , 16, 441-455	2.6	86
123	Implications for oxygen, nutrient fluxes and denitrification rates during the early stage of sediment colonisation by the polychaete Nereis spp. in four estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 75, 125-134	2.9	84
122	Influence of hydrological connectivity of riverine wetlands on nitrogen removal via denitrification. <i>Biogeochemistry</i> , 2011 , 103, 335-354	3.8	82
121	Seasonal variations of selected herbicides and related metabolites in water, sediment, seaweed and clams in the Sacca di Goro coastal lagoon (Northern Adriatic). <i>Chemosphere</i> , 2007 , 69, 1625-37	8.4	79
120	Impacts of mussel (<i>Mytilus galloprovincialis</i>) farming on oxygen consumption and nutrient recycling in a eutrophic coastal lagoon. <i>Hydrobiologia</i> , 2005 , 550, 183-198	2.4	71
119	Nitrate uptake and storage in the seaweed <i>Ulva rigida</i> C. Agardh in relation to nitrate availability and thallus nitrate content in a eutrophic coastal lagoon (Sacca di Goro, Po River Delta, Italy). <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 269, 65-83	2.1	66
118	Growth of the seaweed <i>Ulva rigida</i> C. Agardh in relation to biomass densities, internal nutrient pools and external nutrient supply in the Sacca di Goro lagoon (Northern Italy). <i>Hydrobiologia</i> , 1996 , 329, 93-103	2.4	66
117	Nitrogen balance and fate in a heavily impacted watershed (Oglio River, Northern Italy): in quest of the missing sources and sinks. <i>Biogeosciences</i> , 2012 , 9, 361-373	4.6	60
116	Simple tools for assessing water quality and trophic status in transitional water ecosystems. <i>Ecological Indicators</i> , 2009 , 9, 982-991	5.8	59

115	Nitrogen cycling networks of coastal ecosystems: influence of trophic status and primary producer form. <i>Ecological Modelling</i> , 1996 , 87, 111-129	3	58
114	Space and time variations of watershed N and P budgets and their relationships with reactive N and P loadings in a heavily impacted river basin (Po river, Northern Italy). <i>Science of the Total Environment</i> , 2018 , 639, 1574-1587	10.2	57
113	Nutrient and iron limitation to <i>Ulva</i> blooms in a eutrophic coastal lagoon (Sacca di Goro, Italy). <i>Hydrobiologia</i> , 2005 , 550, 57-71	2.4	54
112	Iron-Sulphur-Phosphorus Interactions: Implications for Sediment Buffering Capacity in a Mediterranean Eutrophic Lagoon (Sacca di Goro, Italy). <i>Hydrobiologia</i> , 2005 , 550, 131-148	2.4	53
111	Long-term simulation of main biogeochemical events in a coastal lagoon: Sacca Di Goro (Northern Adriatic Coast, Italy). <i>Continental Shelf Research</i> , 2003 , 23, 1847-1875	2.4	52
110	Description of trophic status, hyperautotrophy and dystrophy of a coastal lagoon through a potential oxygen production and consumption index (POSI): Trophic Oxygen Status Index. <i>Ecological Indicators</i> , 2004 , 3, 237-250	5.8	52
109	Direct contribution of clams (<i>Ruditapes philippinarum</i>) to benthic fluxes, nitrification, denitrification and nitrous oxide emission in a farmed sediment. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 154, 84-93	2.9	50
108	Animal-sediment relationships: evaluating the Pearson-Rosenberg paradigm in Mediterranean coastal lagoons. <i>Marine Pollution Bulletin</i> , 2009 , 58, 478-86	6.7	50
107	Impact of a trout farm on the water quality of an Apennine creek from daily budgets of nutrients. <i>Chemistry and Ecology</i> , 2007 , 23, 1-11	2.3	49
106	Greenhouse gases (CO ₂ , CH ₄ and N ₂ O) in lowland springs within an agricultural impacted watershed (Po River Plain, northern Italy). <i>Chemistry and Ecology</i> , 2011 , 27, 177-187	2.3	47
105	Biogeochemical indicators as tools for assessing sediment quality/vulnerability in transitional aquatic ecosystems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2004 , 14, S19-S29	2.6	47
104	Sulphide release from anoxic sediments in relation to iron availability and organic matter recalcitrance and its effects on inorganic phosphorus recycling. <i>Hydrobiologia</i> , 1996 , 329, 211-222	2.4	46
103	Microphytobenthos activity and fluxes at the sediment-water interface: interactions and spatial variability. <i>Aquatic Ecology</i> , 2003 , 37, 341-349	1.9	44
102	Seasonal nitrogen and phosphorus dynamics during benthic clam and suspended mussel cultivation. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1276-87	6.7	43
101	Benthic metabolism and denitrification in a river reach: a comparison between vegetated and bare sediments. <i>Journal of Limnology</i> , 2009 , 68, 133	1.5	43
100	Nitrogen and phosphorous budgets during a farming cycle of the Manila clam <i>Ruditapes philippinarum</i> : An in situ experiment. <i>Aquaculture</i> , 2006 , 261, 98-108	4.4	43
99	Short-term influence of recolonisation by the polychaete worm [2pt] <i>Nereis succinea</i> on oxygen and nitrogen fluxes and [2pt] denitrification: a microcosm simulation. <i>Hydrobiologia</i> , 2000 , 431, 165-174	2.4	43
98	An integrated modelling approach for the management of clam farming in coastal lagoons. <i>Aquaculture</i> , 2007 , 269, 306-320	4.4	42

97	Physical factors and dissolved reactive silica affect phytoplankton community structure and dynamics in a lowland eutrophic river (Po river, Italy). <i>Hydrobiologia</i> , 2011 , 669, 213-225	2.4	41
96	Soil Budget, Net Export, and Potential Sinks of Nitrogen in the Lower Oglio River Watershed (Northern Italy). <i>Clean - Soil, Air, Water</i> , 2011 , 39, 956-965	1.6	38
95	Diurnal exchanges of CO ₂ and CH ₄ across the water-atmosphere interface in a water chestnut meadow (<i>Trapa natans</i> L.). <i>Aquatic Botany</i> , 2007 , 87, 43-48	1.8	37
94	Remote sensing of phytoplankton-macrophyte coexistence in shallow hypereutrophic fluvial lakes. <i>Hydrobiologia</i> , 2014 , 737, 67-76	2.4	36
93	Role of abiotic and biotic factors in structuring the metazoan plankton community in a lowland river. <i>River Research and Applications</i> , 2009 , 25, 814-835	2.3	34
92	Benthic oxygen respiration, ammonium and phosphorus regeneration in surficial sediments of the Sacca di Goro (Northern Italy) and two French coastal lagoons: a comparative study. <i>Hydrobiologia</i> , 1996 , 329, 143-159	2.4	34
91	Species and functional plant diversity in a heavily impacted riverscape: Implications for threatened hydro-hygrophilous flora conservation. <i>Limnologica</i> , 2013 , 43, 230-238	2	32
90	Seasonal fluxes of O ₂ , DIC and CH ₄ in sediments with <i>Vallisneria spiralis</i> : indications for radial oxygen loss. <i>Aquatic Botany</i> , 2011 , 94, 134-142	1.8	32
89	Net autotrophy in a fluvial lake: the relative role of phytoplankton and floating-leaved macrophytes. <i>Aquatic Sciences</i> , 2011 , 73, 389-403	2.5	32
88	Benthic nitrogen metabolism in a macrophyte meadow (<i>Vallisneria spiralis</i> L.) under increasing sedimentary organic matter loads. <i>Biogeochemistry</i> , 2015 , 124, 387-404	3.8	31
87	A 3D hydrodynamic fate and transport model for herbicides in Sacca di Goro coastal lagoon (Northern Adriatic). <i>Marine Pollution Bulletin</i> , 2006 , 52, 1231-48	6.7	31
86	Benthic decomposition of <i>Ulva lactuca</i> : A controlled laboratory experiment. <i>Aquatic Botany</i> , 2006 , 85, 271-281	1.8	31
85	Net primary production and seasonal CO ₂ and CH ₄ fluxes in a <i>Trapa natans</i> L. meadow. <i>Journal of Limnology</i> , 2010 , 69, 225	1.5	30
84	Application of specific exergy to macrophytes as an integrated index of environmental quality for coastal lagoons. <i>Ecological Indicators</i> , 2007 , 7, 229-238	5.8	29
83	Short term effects of hypoxia and bioturbation on solute fluxes, denitrification and buffering capacity in a shallow dystrophic pond. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009 , 381, 105-113	2.1	28
82	The Sacca di Goro Lagoon and an Arm of the Po River. <i>Handbook of Environmental Chemistry, Volume 5: Water Pollution</i> , 2005 , 197-232		26
81	If Alpine streams run dry: the drought memory of benthic communities. <i>Aquatic Sciences</i> , 2019 , 81, 1	2.5	25
80	Influence of <i>Potamogeton pectinatus</i> and microphytobenthos on benthic metabolism, nutrient fluxes and denitrification in a freshwater littoral sediment in an agricultural landscape: N assimilation versus N removal. <i>Hydrobiologia</i> , 2014 , 737, 183-200	2.4	24

79	Modeling approach to regime shifts of primary production in shallow coastal ecosystems. <i>Ecological Modelling</i> , 2009 , 220, 3100-3110	3	24
78	Inorganic nitrogen control in wastewater treatment ponds from a fish farm (Orbetello, Italy): denitrification versus Ulva uptake. <i>Marine Pollution Bulletin</i> , 2005 , 50, 1386-97	6.7	24
77	Short term changes in pore water chemistry in river sediments during the early colonization by <i>Vallisneria spiralis</i> . <i>Hydrobiologia</i> , 2010 , 652, 127-137	2.4	23
76	Modelling ecosystem functions and properties at different time and spatial scales in shallow coastal lagoons: An application of the LOICZ biogeochemical model. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 77, 264-277	2.9	23
75	Trade-off between conservation and exploitation of the transitional water ecosystems of the northern Adriatic Sea. <i>Chemistry and Ecology</i> , 2010 , 26, 105-119	2.3	22
74	Seasonal variations of sulphate reduction rates sulphur pools and iron availability in the sediment of a dystrophic lagoon (Sacca di Goro, Italy). <i>Water, Air, and Soil Pollution</i> , 1997 , 99, 363-371	2.6	22
73	Seasonal and Interannual Trends of Oceanographic Parameters over 40 Years in the Northern Adriatic Sea in Relation to Nutrient Loadings Using the EMODnet Chemistry Data Portal. <i>Water (Switzerland)</i> , 2020 , 12, 2280	3	22
72	Community metabolism and buffering capacity of nitrogen in a ruppia cirrhosa meadow. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008 , 360, 21-30	2.1	21
71	Benthic primary production and bacterial denitrification in a Mediterranean eutrophic coastal lagoon. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012 , 438, 41-51	2.1	20
70	Oxygen and ammonium dynamics during a farming cycle of the bivalve <i>Tapes philippinarum</i> . <i>Hydrobiologia</i> , 2007 , 587, 25-36	2.4	20
69	Short Term Changes of Benthic Fluxes During Clam Harvesting in a Coastal Lagoon (Sacca Di Goro, Po River Delta). <i>Chemistry and Ecology</i> , 2003 , 19, 189-206	2.3	20
68	Benthic Fluxes of Dissolved Inorganic Nitrogen in a Coastal Lagoon of the Northern Adriatic Sea: an Interpretation of Spatial Variability Based on Sediment Features and Infauna Activity. <i>Marine Ecology</i> , 2002 , 23, 297-306	1.4	19
67	CO ₂ and CH ₄ fluxes across a <i>Nuphar lutea</i> (L.) Sm. stand. <i>Journal of Limnology</i> , 2012 , 71, 21	1.5	18
66	Influence of Clam Farming on Macroalgal Growth: A Microcosm Experiment. <i>Chemistry and Ecology</i> , 2003 , 19, 147-160	2.3	18
65	A Multimethodological Approach for the Sustainable Management of Perifluvial Wetlands of the Po River (Italy). <i>Environmental Management</i> , 2000 , 26, 59-72	3.1	18
64	A rapid assessment of the sedimentary buffering capacity towards free sulphides. <i>Hydrobiologia</i> , 2008 , 611, 55-66	2.4	17
63	Benthic decomposition of <i>Zostera marina</i> roots: a controlled laboratory experiment. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 313, 105-124	2.1	17
62	Economic modelling as a tool to support macroalgal bloom management: a case study (Sacca di Goro, Po river delta). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2003 , 26, 139-147		17

61	European large perialpine lakes under anthropogenic pressures and climate change: present status, research gaps and future challenges. <i>Hydrobiologia</i> , 2018 , 824, 1-32	2.4	17
60	Eutrophication of the Mediterranean Sea: a watershed-based cascading aquatic filter approach. <i>Rendiconti Lincei</i> , 2015 , 26, 13-23	1.7	16
59	Preface: European lagoons need for further comparison across spatial and temporal scales. <i>Hydrobiologia</i> , 2008 , 611, 1-4	2.4	16
58	Assessing the Potential Impact of Clam Rearing in Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , 2003 , 19, 129-146	2.3	16
57	Testing the response of macroinvertebrate communities and biomonitoring indices under multiple stressors in a lowland regulated river. <i>Ecological Indicators</i> , 2018 , 90, 47-53	5.8	15
56	Integrated modelling in coastal lagoons: Sacca di Goro case study. <i>Hydrobiologia</i> , 2008 , 611, 147-165	2.4	15
55	Environmental Drivers Controlling Bacterial and Archaeal Abundance in the Sediments of a Mediterranean Lagoon Ecosystem. <i>Current Microbiology</i> , 2018 , 75, 1147-1155	2.4	13
54	Factors Affecting Dissolved Silica Concentrations, and DSi and DIN Stoichiometry in a Human Impacted Watershed (Po River, Italy). <i>Silicon</i> , 2013 , 5, 101-114	2.4	12
53	Factors Controlling Benthic Biogeochemistry in Urbanized Coastal Systems: an Example from Venice (Italy). <i>Estuaries and Coasts</i> , 2015 , 38, 1016-1031	2.8	11
52	Denitrification in a meromictic lake and its relevance to nitrogen flows within a moderately impacted forested catchment. <i>Biogeochemistry</i> , 2018 , 137, 143-161	3.8	11
51	Taxonomic and Functional Responses of Benthic Macroinvertebrate Communities to Hydrological and Water Quality Variations in a Heavily Regulated River. <i>Water (Switzerland)</i> , 2019 , 11, 1478	3	11
50	Ecological research on the animal communities of the Po River Delta lagoons. <i>Bollettino Di Zoologia</i> , 1994 , 61, 425-436		11
49	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. <i>Water (Switzerland)</i> , 2019 , 11, 2304	3	11
48	Benthic processes in fresh water fluffy sediments undergoing resuspension. <i>Journal of Limnology</i> , 2013 , 72, 1	1.5	10
47	Primary productivity, biogeochemical buffers and factors controlling trophic status and ecosystem processes in Mediterranean coastal lagoons: a synthesis. <i>Advances in Oceanography and Limnology</i> , 2010 , 1, 271-293	1.3	10
46	Short-term effect of oxic to anoxic transition on benthic microbial activity and solute fluxes in organic-rich phytotreatment ponds. <i>Hydrobiologia</i> , 2009 , 629, 123-136	2.4	10
45	A bioaccumulation model for herbicides in <i>Ulva rigida</i> and <i>Tapes philippinarum</i> in Sacca di Goro lagoon (Northern Adriatic). <i>Chemosphere</i> , 2009 , 74, 1044-52	8.4	10
44	Assessing The Potential Impact Of Clam Rearing In Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , 2003 , 19, 129-146	2.3	10

43	Exotic species, rather than low flow, negatively affect native fish in the Oglio River, Northern Italy. <i>River Research and Applications</i> , 2018 , 34, 887-897	2.3	9
42	A First Generation Stochastic Bioeconomic Analysis of Algal Bloom Control in a Coastal Lagoon (Sacca di Goro, Po River Delta). <i>Marine Ecology</i> , 2002 , 23, 92-100	1.4	9
41	Limnological research on northern Apennine lakes (Italy) in relation to eutrophication and acidification risk. <i>Hydrobiologia</i> , 1994 , 274, 155-162	2.4	9
40	Do oxidizing transitions constrain organic matter mineralization in eutrophic freshwater wetlands?. <i>Hydrobiologia</i> , 2016 , 774, 81-92	2.4	8
39	Integrating habitat- and species-based perspectives for wetland conservation in lowland agricultural landscapes. <i>Biodiversity and Conservation</i> , 2020 , 29, 153-171	3.4	8
38	Small-scale variability of benthic macroinvertebrates distribution and its effects on biological monitoring. <i>Annales De Limnologie</i> , 2014 , 50, 211-216	0.7	7
37	Changes in the physical and chemical properties of floodwater and sediment in an experimental ricefield (Reggio Emilia, Italy). <i>Hydrobiologia</i> , 1987 , 144, 83-88	2.4	7
36	Denitrification and benthic metabolism in lowland pit lakes: The role of trophic conditions. <i>Science of the Total Environment</i> , 2020 , 703, 134804	10.2	7
35	Persistence of meromixis and its effects on redox conditions and trophic status in Lake Idro (Southern Alps, Italy). <i>Hydrobiologia</i> , 2018 , 824, 51-69	2.4	7
34	Trophic state and seasonal dynamics of phytoplankton communities in two sand-pit lakes at different successional stages. <i>Journal of Limnology</i> , 2009 , 68, 217	1.5	6
33	Evaluation of dynamic headspace and purge-and-trap techniques for the high-resolution gas chromatography analysis of nitrous oxide in seawater. <i>Journal of Chromatography A</i> , 1999 , 848, 327-335	4.5	6
32	Preface: Wetlands biodiversity and processes tools for conservation and management. <i>Hydrobiologia</i> , 2016 , 774, 1-5	2.4	6
31	Zooplankton Community Structure and Inter-Annual Dynamics in Two Sand-Pit Lakes with Different Dredging Impact. <i>International Review of Hydrobiology</i> , 2009 , 94, 290-307	2.3	5
30	Dissolved oxygen and nutrient budgets in a phytotreatment pond colonised by <i>Ulva</i> spp.. <i>Hydrobiologia</i> , 2005 , 550, 199-209	2.4	5
29	Ecosystem Health Indexed through Networks of Nitrogen Cycling. <i>Marine Science</i> , 2010 , 73-90		5
28	Denitrification, Nitrogen Uptake, and Organic Matter Quality Undergo Different Seasonality in Sandy and Muddy Sediments of a Turbid Estuary. <i>Frontiers in Microbiology</i> , 2020 , 11, 612700	5.7	5
27	A Decision Support System for the Management of the Sacca di Goro (Italy) 2009 , 1-24		5
26	Construction and Analysis of Static, Structured Models of Nitrogen Cycling in Coastal Ecosystems 1998 , 162-195		5

25	Effects of Drying and Re-Wetting on Litter Decomposition and Nutrient Recycling: A Manipulative Experiment. <i>Water (Switzerland)</i> , 2019 , 11, 708	3	4
24	Sedimentary Organic Matter, Prokaryotes, and Meiofauna across a River-Lagoon-Sea Gradient. <i>Diversity</i> , 2020 , 12, 189	2.5	4
23	Daily and seasonal variability of CO ₂ saturation and evasion in a free flowing and in a dammed river reach. <i>Journal of Limnology</i> , 2014 , 73,	1.5	4
22	Mesohabitat mosaic in lowland braided rivers: Short-term variability of macroinvertebrate metacommunities. <i>Journal of Limnology</i> , 2016 , 76,	1.5	4
21	Ecosystem alteration and pollution in Southern European coastal lagoons. <i>Chemistry and Ecology</i> , 2005 , 21, 413-414	2.3	3
20	Connectivity and habitat typology drive CO ₂ and CH ₄ fluxes across land-water interfaces in lowland rivers. <i>Ecohydrology</i> , 2019 , 12, e2036	2.5	3
19	Assessing eutrophication in transitional waters: A performance analysis of the Transitional Water Quality Index (TWQI) under seasonal fluctuations. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 216, 218-228	2.9	3
18	Effect of filter-feeding mollusks on growth of green macroalgae and nutrient cycling in a heavily exploited coastal lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 239, 106679	2.9	2
17	The impact of the summer 2003 drought event on the zooplankton of the Po River (Italy). <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006 , 29, 2143-2149		2
16	Sulphide release from anoxic sediments in relation to iron availability and organic matter recalcitrance and its effects on inorganic phosphorus recycling 1996 , 211-222		2
15	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments 1996 , 105-119		2
14	Communities in high definition: Spatial and environmental factors shape the micro-distribution of aquatic invertebrates. <i>Freshwater Biology</i> , 2020 , 65, 2053-2065	3.1	2
13	Silica Storage, Fluxes, and Nutrient Stoichiometry in Different Benthic Primary Producer Communities in the Littoral Zone of a Deep Subalpine Lake (Lake Iseo, Italy). <i>Water (Switzerland)</i> , 2019 , 11, 2140	3	2
12	Preface: Research and Management for the Conservation of Coastal Lagoon Ecosystems, South-North Comparisons. <i>Hydrobiologia</i> , 2012 , 699, 1-4	2.4	1
11	Seasonal Variations of Sulphate Reduction Rates, Sulphur Pools and Iron Availability in the Sediment of a Dystrophic Lagoon (Sacca di Goro, Italy). <i>Water, Air, and Soil Pollution</i> , 1997 , 99, 363-371	2.6	1
10	Nitrogen and phosphorous cycling in an oxbow lake dominated by <i>Trapa natans</i> L.. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006 , 29, 1981-1988		1
9	Long-term limnological research in a quarry lake of the Po River, Italy. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2002 , 28, 576-581		1
8	Relationships between macroalgal biomass and microbiological quality of water in a phytotreatment pond. <i>Hydrobiologia</i> , 2005 , 550, 211-219	2.4	1

7	Benthic oxygen respiration, ammonium and phosphorus regeneration in surficial sediments of the Sacca di Goro (Northern Italy) and two French coastal lagoons: a comparative study 1996 , 143-159		1
6	Seasonal Variations of Sulphate Reduction Rates, Sulphur Pools and Iron Availability in the Sediment of a Dystrophic Lagoon (Sacca Di Goro, Italy) 1997 , 363-371		1
5	Variability in Environmental Conditions Strongly Impacts Ostracod Assemblages of Lowland Springs in a Heavily Anthropized Area. <i>Water (Switzerland)</i> , 2020 , 12, 3276	3	1
4	Algal biomass and macroinvertebrate dynamics in intermittent braided rivers: new perspectives from instream pools. <i>River Research and Applications</i> , 2020 , 36, 1682-1689	2.3	1
3	Effect of microhabitats, mesohabitats and spatial position on macroinvertebrate communities of a braided river. <i>Journal of Ecohydraulics</i> , 2021 , 6, 95-104	1.3	0
2	Regulation of CO ₂ fluxes along gradients of water saturation in irrigation canal sediments. <i>Aquatic Sciences</i> , 2021 , 83, 1	2.5	0
1	Using invertebrate functional traits to improve flow variability assessment within European rivers.. <i>Science of the Total Environment</i> , 2022 , 155047	10.2	0