

# Marco Bartoli

## List of Publications by Citations

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170  
papers

3,731  
citations

34  
h-index

52  
g-index

170  
ext. papers

4,174  
ext. citations

3.1  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
170	Community shifts, alternative stable states, biogeochemical controls and feedbacks in eutrophic coastal lagoons: a brief overview. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2008</b> , 18, S105-S117	2.6	150
169	Meiofauna increases bacterial denitrification in marine sediments. <i>Nature Communications</i> , <b>2014</b> , 5, 5133	7.4	144
168	Impact of Tapes philippinarum farming on nutrient dynamics and benthic respiration in the Sacca di Goro. <i>Hydrobiologia</i> , <b>2001</b> , 455, 203-212	2.4	113
167	Denitrification, nitrogen fixation, community primary productivity and inorganic-N and oxygen fluxes in an intertidal Zostera noltii meadow. <i>Marine Ecology - Progress Series</i> , <b>2000</b> , 208, 65-77	2.6	108
166	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments. <i>Hydrobiologia</i> , <b>1996</b> , 329, 105-119	2.4	102
165	Iron, sulphur and phosphorus cycling in the rhizosphere sediments of a eutrophic Ruppia cirrhosa meadow (Valle Smarlacca, Italy). <i>Journal of Sea Research</i> , <b>2001</b> , 45, 15-26	1.9	99
164	ROBUST: The ROle of BUffering capacities in STabilising coastal lagoon ecosystems. <i>Continental Shelf Research</i> , <b>2001</b> , 21, 2021-2041	2.4	98
163	Decomposition of four macrophytes in wetland sediments: Organic matter and nutrient decay and associated benthic processes. <i>Aquatic Botany</i> , <b>2008</b> , 89, 303-310	1.8	89
162	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> , <b>2007</b> , 75, 125-134	2.9	84
161	Influence of hydrological connectivity of riverine wetlands on nitrogen removal via denitrification. <i>Biogeochemistry</i> , <b>2011</b> , 103, 335-354	3.8	82
160	Origin and fate of nitrates in groundwater from the central Po plain: Insights from isotopic investigations. <i>Applied Geochemistry</i> , <b>2013</b> , 34, 164-180	3.5	77
159	Impacts of mussel (Mytilus galloprovincialis) farming on oxygen consumption and nutrient recycling in a eutrophic coastal lagoon. <i>Hydrobiologia</i> , <b>2005</b> , 550, 183-198	2.4	71
158	Nitrogen balance and fate in a heavily impacted watershed (Oglio River, Northern Italy): in quest of the missing sources and sinks. <i>Biogeosciences</i> , <b>2012</b> , 9, 361-373	4.6	60
157	Organic waste impact of capture-based Atlantic bluefin tuna aquaculture at an exposed site in the Mediterranean Sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 78, 369-384	2.9	58
156	Nutrient and iron limitation to Ulva blooms in a eutrophic coastal lagoon (Sacca di Goro, Italy). <i>Hydrobiologia</i> , <b>2005</b> , 550, 57-71	2.4	54
155	Effect of reoxygenation and Marenzelleria spp. bioturbation on Baltic Sea sediment metabolism. <i>Marine Ecology - Progress Series</i> , <b>2013</b> , 482, 43-55	2.6	51
154	Seasonal oxygen, nitrogen and phosphorus benthic cycling along an impacted Baltic Sea estuary: regulation and spatial patterns. <i>Biogeochemistry</i> , <b>2014</b> , 119, 139-160	3.8	49

153	Impact of a trout farm on the water quality of an Apennine creek from daily budgets of nutrients. <i>Chemistry and Ecology</i> , <b>2007</b> , 23, 1-11	2.3	49
152	Feedback Mechanisms Between Cyanobacterial Blooms, Transient Hypoxia, and Benthic Phosphorus Regeneration in Shallow Coastal Environments. <i>Estuaries and Coasts</i> , <b>2014</b> , 37, 680-694	2.8	47
151	Greenhouse gases (CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O) in lowland springs within an agricultural impacted watershed (Po River Plain, northern Italy). <i>Chemistry and Ecology</i> , <b>2011</b> , 27, 177-187	2.3	47
150	Biogeochemical indicators as tools for assessing sediment quality/vulnerability in transitional aquatic ecosystems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2004</b> , 14, S19-S29	2.6	47
149	Sulphide release from anoxic sediments in relation to iron availability and organic matter recalcitrance and its effects on inorganic phosphorus recycling. <i>Hydrobiologia</i> , <b>1996</b> , 329, 211-222	2.4	46
148	Vegetated canals mitigate nitrogen surplus in agricultural watersheds. <i>Agriculture, Ecosystems and Environment</i> , <b>2015</b> , 212, 253-262	5.7	44
147	Microphytobenthos activity and fluxes at the sediment-water interface: interactions and spatial variability. <i>Aquatic Ecology</i> , <b>2003</b> , 37, 341-349	1.9	44
146	Benthic metabolism and denitrification in a river reach: a comparison between vegetated and bare sediments. <i>Journal of Limnology</i> , <b>2009</b> , 68, 133	1.5	43
145	Nitrogen and phosphorous budgets during a farming cycle of the Manila clam <i>Ruditapes philippinarum</i> : An in situ experiment. <i>Aquaculture</i> , <b>2006</b> , 261, 98-108	4.4	43
144	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> , <b>2000</b> , 431, 165-174	2.4	43
143	Nitrogen budget in a lowland coastal area within the Po River basin (northern Italy): multiple evidences of equilibrium between sources and internal sinks. <i>Environmental Management</i> , <b>2013</b> , 52, 567-80	3.7	41
142	Denitrification in an intertidal seagrass meadow, a comparison of <sup>15</sup> N-isotope and acetylene-block techniques: dissimilatory nitrate reduction to ammonia as a source of N <sub>2</sub> O?. <i>Marine Biology</i> , <b>2001</b> , 139, 1029-1036	2.5	40
141	Soil Budget, Net Export, and Potential Sinks of Nitrogen in the Lower Oglio River Watershed (Northern Italy). <i>Clean - Soil, Air, Water</i> , <b>2011</b> , 39, 956-965	1.6	38
140	Mitigation of nitrogen pollution in vegetated ditches fed by nitrate-rich spring waters. <i>Agriculture, Ecosystems and Environment</i> , <b>2017</b> , 243, 74-82	5.7	37
139	Diurnal exchanges of CO <sub>2</sub> and CH <sub>4</sub> across the water-atmosphere interface in a water chestnut meadow ( <i>Trapa natans</i> L.). <i>Aquatic Botany</i> , <b>2007</b> , 87, 43-48	1.8	37
138	Remote sensing of phytoplankton-macrophyte coexistence in shallow hypereutrophic fluvial lakes. <i>Hydrobiologia</i> , <b>2014</b> , 737, 67-76	2.4	36
137	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> , <b>1996</b> , 329, 143-159	2.4	34
136	In situ measurements and satellite remote sensing of case 2 waters: first results from the Curonian Lagoon. <i>Oceanologia</i> , <b>2010</b> , 52, 197-210	2.2	33

135	Species and functional plant diversity in a heavily impacted riverscape: Implications for threatened hydro-hygrophilous flora conservation. <i>Limnologica</i> , <b>2013</b> , 43, 230-238	2	32
134	Seasonal fluxes of O <sub>2</sub> , DIC and CH <sub>4</sub> in sediments with <i>Vallisneria spiralis</i> : indications for radial oxygen loss. <i>Aquatic Botany</i> , <b>2011</b> , 94, 134-142	1.8	32
133	Net autotrophy in a fluvial lake: the relative role of phytoplankton and floating-leaved macrophytes. <i>Aquatic Sciences</i> , <b>2011</b> , 73, 389-403	2.5	32
132	Benthic nitrogen metabolism in a macrophyte meadow ( <i>Vallisneria spiralis</i> L.) under increasing sedimentary organic matter loads. <i>Biogeochemistry</i> , <b>2015</b> , 124, 387-404	3.8	31
131	Net primary production and seasonal CO <sub>2</sub> and CH <sub>4</sub> fluxes in a <i>Trapa natans</i> L. meadow. <i>Journal of Limnology</i> , <b>2010</b> , 69, 225	1.5	30
130	Effects of increasing organic matter loads on pore water features of vegetated ( <i>Vallisneria spiralis</i> L.) and plant-free sediments. <i>Ecological Engineering</i> , <b>2012</b> , 47, 141-145	3.9	29
129	Seasonal variation of radial oxygen loss in <i>Vallisneria spiralis</i> L.: An adaptive response to sediment redox?. <i>Aquatic Botany</i> , <b>2013</b> , 104, 228-232	1.8	28
128	Effect of algal blooms on retention of N, Si and P in Europe's largest coastal lagoon. <i>Estuarine, Coastal and Shelf Science</i> , <b>2017</b> , 194, 217-228	2.9	28
127	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> , <b>2009</b> , 381, 105-113	2.1	28
126	Seasonal regulation of nitrification in a rooted macrophyte ( <i>Vallisneria spiralis</i> L.) meadow under eutrophic conditions. <i>Aquatic Ecology</i> , <b>2014</b> , 48, 11-21	1.9	27
125	Ecological and Conservation Value of Small Standing-Water Ecosystems: A Systematic Review of Current Knowledge and Future Challenges. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 402	3	26
124	The Sacca di Goro Lagoon and an Arm of the Po River. <i>Handbook of Environmental Chemistry, Volume 5: Water Pollution</i> , <b>2005</b> , 197-232		26
123	An ounce of prevention is worth a pound of cure: Managing macrophytes for nitrate mitigation in irrigated agricultural watersheds. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 301-312	10.2	25
122	Assessing Potential Algal Blooms in a Shallow Fluvial Lake by Combining Hydrodynamic Modelling and Remote-Sensed Images. <i>Water (Switzerland)</i> , <b>2015</b> , 7, 1921-1942	3	24
121	Recent changes in macrophyte colonisation patterns: an imaging spectrometry-based evaluation of southern Lake Garda (northern Italy). <i>Journal of Applied Remote Sensing</i> , <b>2007</b> , 1, 011509	1.4	24
120	Inorganic nitrogen control in wastewater treatment ponds from a fish farm (Orbetello, Italy): denitrification versus <i>Ulva</i> uptake. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 50, 1386-97	6.7	24
119	Microphytobenthos and chironomid larvae attenuate nutrient recycling in shallow-water sediments. <i>Freshwater Biology</i> , <b>2018</b> , 63, 187-201	3.1	24
118	Nitrogen inputs to a river course in a heavily impacted watershed: a combined hydrochemical and isotopic evaluation (Oglio River Basin, N Italy). <i>Science of the Total Environment</i> , <b>2014</b> , 466-467, 924-38	10.2	23

117	Nitrogen uptake and coupled nitrification-denitrification in riverine sediments with benthic microalgae and rooted macrophytes. <i>Aquatic Sciences</i> , <b>2017</b> , 79, 487-505	2.5	23
116	Short term changes in pore water chemistry in river sediments during the early colonization by <i>Vallisneria spiralis</i> . <i>Hydrobiologia</i> , <b>2010</b> , 652, 127-137	2.4	23
115	Evolution of the Trophic Conditions and Dystrophic Outbreaks in the Sacca di Goro Lagoon (Northern Adriatic Sea) <b>2001</b> , 467-475		23
114	Phosphorus Cycling in a Freshwater Estuary Impacted by Cyanobacterial Blooms. <i>Estuaries and Coasts</i> , <b>2016</b> , 39, 1386-1402	2.8	22
113	Retrospective analysis of spatial and temporal variability of chlorophyll-a in the Curonian Lagoon. <i>Journal of Coastal Conservation</i> , <b>2012</b> , 16, 511-519	1.9	22
112	Herbicide contamination and dispersion pattern in lowland springs. <i>Science of the Total Environment</i> , <b>2012</b> , 438, 312-8	10.2	22
111	Trade-off between conservation and exploitation of the transitional water ecosystems of the northern Adriatic Sea. <i>Chemistry and Ecology</i> , <b>2010</b> , 26, 105-119	2.3	22
110	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> , <b>1997</b> , 99, 363-371	2.6	22
109	Phosphorus mobility under short-term anoxic conditions in two shallow eutrophic coastal systems (Curonian and Sacca di Goro lagoons). <i>Estuarine, Coastal and Shelf Science</i> , <b>2015</b> , 164, 134-146	2.9	21
108	Community metabolism and buffering capacity of nitrogen in a ruppia cirrhosa meadow. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2008</b> , 360, 21-30	2.1	21
107	Drivers of Cyanobacterial Blooms in a Hypertrophic Lagoon. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4.5	21
106	Application of the isotope pairing technique in sediments: Use, challenges, and new directions. <i>Limnology and Oceanography: Methods</i> , <b>2019</b> , 17, 112-136	2.6	20
105	Benthic primary production and bacterial denitrification in a Mediterranean eutrophic coastal lagoon. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2012</b> , 438, 41-51	2.1	20
104	Oxygen and ammonium dynamics during a farming cycle of the bivalve <i>Tapes philippinarum</i> . <i>Hydrobiologia</i> , <b>2007</b> , 587, 25-36	2.4	20
103	Short Term Changes of Benthic Fluxes During Clam Harvesting in a Coastal Lagoon (Sacca Di Goro, Po River Delta). <i>Chemistry and Ecology</i> , <b>2003</b> , 19, 189-206	2.3	20
102	Recent Trends (2012-2016) of N, Si, and P Export from the Nemunas River Watershed: Loads, Unbalanced Stoichiometry, and Threats for Downstream Aquatic Ecosystems. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1178	3	20
101	Rare but large bivalves alter benthic respiration and nutrient recycling in riverine sediments. <i>Aquatic Ecology</i> , <b>2017</b> , 51, 1-16	1.9	19
100	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> , <b>2002</b> , 23, 297-306	1.4	19

99	CO2 and CH4 fluxes across a <i>Nuphar lutea</i> (L.) Sm. stand. <i>Journal of Limnology</i> , <b>2012</b> , 71, 21	1.5	18
98	Influence of Clam Farming on Macroalgal Growth: A Microcosm Experiment. <i>Chemistry and Ecology</i> , <b>2003</b> , 19, 147-160	2.3	18
97	The influence of cyanobacteria blooms on the attenuation of nitrogen throughputs in a Baltic coastal lagoon. <i>Biogeochemistry</i> , <b>2018</b> , 141, 143-165	3.8	18
96	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> , <b>2003</b> , 26, 139-147		17
95	Spatial heterogeneity and short-term oxygen dynamics in the rhizosphere of <i>Vallisneria spiralis</i> : Implications for nutrient cycling. <i>Freshwater Biology</i> , <b>2019</b> , 64, 532-543	3.1	17
94	Chemosymbiotic bivalves contribute to the nitrogen budget of seagrass ecosystems. <i>ISME Journal</i> , <b>2019</b> , 13, 3131-3134	11.9	16
93	Eutrophication of the Mediterranean Sea: a watershed-cascading aquatic filter approach. <i>Rendiconti Lincei</i> , <b>2015</b> , 26, 13-23	1.7	16
92	How do hydromorphological constraints and regulated flows govern macroinvertebrate communities along an entire lowland river?. <i>Ecohydrology</i> , <b>2014</b> , 7, 366-377	2.5	16
91	Assessing the Potential Impact of Clam Rearing in Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , <b>2003</b> , 19, 129-146	2.3	16
90	Imaging spectrometry of productive inland waters. Application to the lakes of Mantua. <i>European Journal of Remote Sensing</i> , <b>2009</b> , 147-156		16
89	Benthic N pathways in illuminated and bioturbated sediments studied with network analysis. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, S68-S84	4.8	15
88	Benthic respiration and stoichiometry of regenerated nutrients in lake sediments with <i>Dreissena polymorpha</i> . <i>Aquatic Sciences</i> , <b>2014</b> , 76, 405-417	2.5	15
87	Variation in benthic metabolism and nitrogen cycling across clam aquaculture sites. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 127, 524-535	6.7	13
86	Nitrification and denitrification in estuarine sediments with tube-dwelling benthic animals. <i>Hydrobiologia</i> , <b>2018</b> , 819, 217-230	2.4	13
85	Environmental Drivers Controlling Bacterial and Archaeal Abundance in the Sediments of a Mediterranean Lagoon Ecosystem. <i>Current Microbiology</i> , <b>2018</b> , 75, 1147-1155	2.4	13
84	Factors Affecting Dissolved Silica Concentrations, and DSi and DIN Stoichiometry in a Human Impacted Watershed (Po River, Italy). <i>Silicon</i> , <b>2013</b> , 5, 101-114	2.4	12
83	Recognizing harmful algal bloom based on remote sensing reflectance band ratio. <i>Journal of Applied Remote Sensing</i> , <b>2011</b> , 5, 053556	1.4	12
82	Role of ephemeral vegetation of emerging river bottoms in modulating CO2 exchanges across a temperate large lowland river stretch. <i>Aquatic Sciences</i> , <b>2017</b> , 79, 149-158	2.5	11

81	Factors Controlling Benthic Biogeochemistry in Urbanized Coastal Systems: an Example from Venice (Italy). <i>Estuaries and Coasts</i> , <b>2015</b> , 38, 1016-1031	2.8	11
80	Denitrification in a meromictic lake and its relevance to nitrogen flows within a moderately impacted forested catchment. <i>Biogeochemistry</i> , <b>2018</b> , 137, 143-161	3.8	11
79	Relationship between benthic fluxes and macrophyte cover in a shallow brackish lagoon. <i>Water, Air, and Soil Pollution</i> , <b>1997</b> , 99, 533-540	2.6	11
78	Hot moments and hotspots of cyanobacteria hyperblooms in the Curonian Lagoon (SE Baltic Sea) revealed via remote sensing-based retrospective analysis. <i>Science of the Total Environment</i> , <b>2021</b> , 769, 145053	10.2	11
77	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2304	3	11
76	Groundwater characterization from an ecological and human perspective: an interdisciplinary approach in the Functional Urban Area of Parma, Italy. <i>Rendiconti Lincei</i> , <b>2019</b> , 30, 93-108	1.7	11
75	Soil system budgets of N, Si and P in an agricultural irrigated watershed: surplus, differential export and underlying mechanisms. <i>Biogeochemistry</i> , <b>2018</b> , 140, 175-197	3.8	10
74	Patterns of benthic oxygen uptake in a hypertrophic lagoon: spatial variability and controlling factors. <i>Hydrobiologia</i> , <b>2012</b> , 699, 85-98	2.4	10
73	Benthic processes in fresh water fluffy sediments undergoing resuspension. <i>Journal of Limnology</i> , <b>2013</b> , 72, 1	1.5	10
72	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> , <b>2010</b> , 1, 271-293	1.3	10
71	Short-term effect of oxic to anoxic transition on benthic microbial activity and solute fluxes in organic-rich phytotreatment ponds. <i>Hydrobiologia</i> , <b>2009</b> , 629, 123-136	2.4	10
70	Benthic Fluxes of Oxygen, Ammonium and Nitrate and Coupled-uncoupled Denitrification Rates within Communities of Three Different Primary Producer Growth Forms <b>2001</b> , 225-233		10
69	Assessing The Potential Impact Of Clam Rearing In Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , <b>2003</b> , 19, 129-146	2.3	10
68	Stoichiometry of regenerated nutrients differs between native and invasive freshwater mussels with implications for algal growth. <i>Freshwater Biology</i> , <b>2019</b> , 64, 619-631	3.1	10
67	Estuarine Macrofauna Affects Benthic Biogeochemistry in a Hypertrophic Lagoon. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1186	3	9
66	A First Generation Stochastic Bioeconomic Analysis of Algal Bloom Control in a Coastal Lagoon (Sacca di Goro, Po River Delta). <i>Marine Ecology</i> , <b>2002</b> , 23, 92-100	1.4	9
65	N fixation dominates nitrogen cycling in a mangrove fiddler crab holobiont. <i>Scientific Reports</i> , <b>2020</b> , 10, 13966	4.9	9
64	Do oxic-anoxic transitions constrain organic matter mineralization in eutrophic freshwater wetlands?. <i>Hydrobiologia</i> , <b>2016</b> , 774, 81-92	2.4	8



63	Sediment-water oxygen, ammonium and soluble reactive phosphorus fluxes in a turbid freshwater estuary (Curonian lagoon, Lithuania): evidences of benthic microalgal activity. <i>Journal of Limnology</i> , <b>2012</b> , 71, 33	1.5	8
62	Zebra Mussel Holobionts Fix and Recycle Nitrogen in Lagoon Sediments. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 610269	5.7	8
61	The Effect of Chironomid Larvae on Nitrogen Cycling and Microbial Communities in Soft Sediments. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1931	3	7
60	Upscaling nitrogen removal processes in fluvial wetlands and irrigation canals in a patchy agricultural watershed. <i>Wetlands Ecology and Management</i> , <b>2020</b> , 28, 297-313	2.1	7
59	The effects of hydrological extremes on denitrification, dissimilatory nitrate reduction to ammonium (DNRA) and mineralization in a coastal lagoon. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 140169	10.2	7
58	First time in Italy. Is the elusive aquatic megadrile Sparganophilus Benham, 1892 (Annelida, Clitellata) accelerating its dispersal in Europe?. <i>Journal of Limnology</i> , <b>2014</b> , 73,	1.5	7
57	Feces from Piscivorous and Herbivorous Birds Stimulate Differentially Phytoplankton Growth. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2567	3	7
56	Persistence of meromixis and its effects on redox conditions and trophic status in Lake Idro (Southern Alps, Italy). <i>Hydrobiologia</i> , <b>2018</b> , 824, 51-69	2.4	7
55	Spatial and temporal distribution of coloured dissolved organic matter in a hypertrophic freshwater lagoon. <i>Journal of Limnology</i> , <b>2015</b> ,	1.5	6
54	Multitemporal analysis of algal blooms with MERIS images in a deep meromictic lake. <i>European Journal of Remote Sensing</i> , <b>2013</b> , 46, 445-458	2.9	6
53	Preface: Wetlands biodiversity and processes tools for conservation and management. <i>Hydrobiologia</i> , <b>2016</b> , 774, 1-5	2.4	6
52	Reactive Silica Traces Manure Spreading in Alluvial Aquifers Affected by Nitrate Contamination: A Case Study in a High Plain of Northern Italy. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2511	3	5
51	Dissolved oxygen and nutrient budgets in a phytotreatment pond colonised by <i>Ulva</i> spp.. <i>Hydrobiologia</i> , <b>2005</b> , 550, 199-209	2.4	5
50	Seasonal cycle of benthic denitrification and DNRA in the aphotic coastal zone, northern Baltic Sea. <i>Marine Ecology - Progress Series</i> , <b>2020</b> , 637, 15-28	2.6	5
49	Denitrification, Nitrogen Uptake, and Organic Matter Quality Undergo Different Seasonality in Sandy and Muddy Sediments of a Turbid Estuary. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 612700	5.7	5
48	Contrasting Effects of an Alien Worm on Benthic N Cycling in Muddy and Sandy Sediments. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 465	3	4
47	Effects of Drying and Re-Wetting on Litter Decomposition and Nutrient Recycling: A Manipulative Experiment. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 708	3	4
46	Monthly Abundance Patterns and the Potential Role of Waterbirds as Phosphorus Sources to a Hypertrophic Baltic Lagoon. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1392	3	4



45	Sedimentary Organic Matter, Prokaryotes, and Meiofauna across a River-Lagoon-Sea Gradient. <i>Diversity</i> , <b>2020</b> , 12, 189	2.5	4
44	Response of sedimentary processes to cyanobacteria loading. <i>Journal of Limnology</i> , <b>2015</b> ,	1.5	4
43	Daily and seasonal variability of CO2 saturation and evasion in a free flowing and in a dammed river reach. <i>Journal of Limnology</i> , <b>2014</b> , 73,	1.5	4
42	Effects of macrophytes on potential nitrification and denitrification in oligotrophic lake sediments. <i>Aquatic Botany</i> , <b>2020</b> , 167, 103287	1.8	3
41	Connectivity and habitat typology drive CO2 and CH4 fluxes across land-water interfaces in lowland rivers. <i>Ecohydrology</i> , <b>2019</b> , 12, e2036	2.5	3
40	Variable Oxygen Levels Lead to Variable Stoichiometry of Benthic Nutrient Fluxes in a Hypertrophic Estuary. <i>Estuaries and Coasts</i> , <b>2021</b> , 44, 689-703	2.8	3
39	Worms and submersed macrophytes reduce methane release and increase nutrient removal in organic sediments. <i>Limnology and Oceanography Letters</i> , <b>2021</b> , 6, 329	7.9	3
38	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> , <b>2020</b> , 239, 106679	2.9	2
37	Seasonal effect of zebra mussel colonies on benthic processes in the temperate mesotrophic Plateliai Lake, Lithuania. <i>Hydrobiologia</i> , <b>2017</b> , 802, 23-38	2.4	2
36	Nitrogen balance and fate in a heavily impacted watershed (Oglio River, Northern Italy): in quest of the missing sources and sinks		2
35	Sulphide release from anoxic sediments in relation to iron availability and organic matter recalcitrance and its effects on inorganic phosphorus recycling <b>1996</b> , 211-222		2
34	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments <b>1996</b> , 105-119		2
33	Unsupervised Machine Learning and Data Mining Procedures Reveal Short Term, Climate Driven Patterns Linking Physico-Chemical Features and Zooplankton Diversity in Small Ponds. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1217	3	2
32	Amphipods-grazing and excretion loop facilitates Chara contraria persistence in a eutrophic lagoon. <i>Aquatic Botany</i> , <b>2021</b> , 171, 103378	1.8	2
31	Exploiting high frequency monitoring and satellite imagery for assessing chlorophyll-a dynamics in a shallow eutrophic lake. <i>Journal of Limnology</i> ,	1.5	2
30	A Review and Synthesis of Bivariate Non-Linear Models to Describe the Relative Variation of Ecological, Biological and Environmental Parameters. <i>Environmental Modeling and Assessment</i> , <b>2015</b> , 20, 169-182	2	1
29	Mitochondrial evidence supports a Nearctic origin for the spreading limicolous earthworm Sparganophilus tamesis Benham, 1892 (Clitellata, Sparganophilidae). <i>Contributions To Zoology</i> , <b>2016</b> , 85, 113-119	1.6	1
28	Relationship Between Benthic Fluxes and Macrophyte Cover in a Shallow Brackish Lagoon. <i>Water, Air, and Soil Pollution</i> , <b>1997</b> , 99, 533-540	2.6	1

27	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> , <b>1997</b> , 99, 363-371	2.6	1
26	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> , <b>2006</b> , 29, 1981-1988		1
25	Relationships between macroalgal biomass and microbiological quality of water in a phytotreatment pond. <i>Hydrobiologia</i> , <b>2005</b> , 550, 211-219	2.4	1
24	Biogeochemical Budgets of Nutrients and Metabolism in the Curonian Lagoon (South East Baltic Sea): Spatial and Temporal Variations. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 164	3	1
23	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 <b>1996</b> , 143-159		1
22	Seasonal Variations of Sulphate Reduction Rates, Sulphur Pools and Iron Availability in the Sediment of a Dystrophic Lagoon (Sacca Di Goro, Italy) <b>1997</b> , 363-371		1
21	Chemosymbiotic bivalves contribute to the nitrogen budget of seagrass ecosystems		1
20	Short-term effect of oxic to anoxic transition on benthic microbial activity and solute fluxes in organic-rich phytotreatment ponds <b>2009</b> , 123-136		1
19	Contrasting Effects of Bioturbation Studied in Intact and Reconstructed Estuarine Sediments. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3125	3	1
18	Spatial and seasonal variability of sedimentary features and nitrogen benthic metabolism in a tropical coastal area (Taganga Bay, Colombia Caribbean) impacted by a sewage outfall. <i>Biogeochemistry</i> , <b>2020</b> , 150, 85-107	3.8	1
17	A bioturbator, a holobiont, and a vector: The multifaceted role of <i>Chironomus plumosus</i> in shaping N-cycling. <i>Freshwater Biology</i> , <b>2021</b> , 66, 1036-1048	3.1	1
16	<i>Daphnia</i> diversity in water bodies of the Po River Basin. <i>Journal of Limnology</i> , <b>2016</b> ,	1.5	1
15	Analysis of $^{15}\text{N-NO}_3^-$ via Anoxic Slurries Coupled to MIMS Analysis: An Application to Estimate Nitrification by Burrowing Macrofauna. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2310	3	1
14	New data and hypotheses on the invasiveness, habitat selection, and ecological role of the limicolous earthworm <i>Sparganophilus tamesis</i> Benham, 1892. <i>Fundamental and Applied Limnology</i> , <b>2018</b> , 192, 129-136	1.9	1
13	Application of QUAL2Kw to the Oglio River (Northern Italy) to assess diffuse N pollution via river-groundwater interaction. <i>Journal of Limnology</i> , <b>2018</b> ,	1.5	1
12	Biogeochemical modelling of a tropical coastal area undergoing seasonal upwelling and impacted by untreated submarine outfall. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 172, 112771	6.7	1
11	Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. <i>Biogeochemistry</i> , <b>2022</b> , 157, 193	3.8	0
10	Benthic Metabolism in Fluvial Sediments with Larvae of <i>Lampetra</i> sp.. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1003		0

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| 9 | Regulation of CO <sub>2</sub> fluxes along gradients of water saturation in irrigation canal sediments. <i>Aquatic Sciences</i> , <b>2021</b> , 83, 1  | 2.5 | ○ |
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