

Marco Bartoli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Biogeochemical Budgets of Nutrients and Metabolism in the Curonian Lagoon (South East Baltic Sea): Spatial and Temporal Variations. <i>Water (Switzerland)</i> , 2022 , 14, 164	3	1
169	Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. <i>Biogeochemistry</i> , 2022 , 157, 193	3.8	0
168	Short-Term Effects of the EU Nitrate Directive Reintroduction: Reduced N Loads to River from an Alluvial Aquifer in Northern Italy. <i>Hydrology</i> , 2022 , 9, 44	2.8	0
167	The seasonal response of in situ denitrification and DNRA rates to increasing nitrate availability. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 107856	2.9	0
166	A bioturbator, a holobiont, and a vector: The multifaceted role of <i>Chironomus plumosus</i> in shaping N-cycling. <i>Freshwater Biology</i> , 2021 , 66, 1036-1048	3.1	1
165	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> , 2021 , 13, 1217	3	2
164	Benthic Metabolism in Fluvial Sediments with Larvae of <i>Lampetra</i> sp.. <i>Water (Switzerland)</i> , 2021 , 13, 1003	3	0
163	Amphipods grazing and excretion loop facilitates <i>Chara contraria</i> persistence in a eutrophic lagoon. <i>Aquatic Botany</i> , 2021 , 171, 103378	1.8	2
162	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> , 2021 , 769, 145053	10.2	11
161	Variable Oxygen Levels Lead to Variable Stoichiometry of Benthic Nutrient Fluxes in a Hypertrophic Estuary. <i>Estuaries and Coasts</i> , 2021 , 44, 689-703	2.8	3
160	Regulation of CO ₂ fluxes along gradients of water saturation in irrigation canal sediments. <i>Aquatic Sciences</i> , 2021 , 83, 1	2.5	0
159	Worms and submersed macrophytes reduce methane release and increase nutrient removal in organic sediments. <i>Limnology and Oceanography Letters</i> , 2021 , 6, 329	7.9	3
158	Biogeochemical modelling of a tropical coastal area undergoing seasonal upwelling and impacted by untreated submarine outfall. <i>Marine Pollution Bulletin</i> , 2021 , 172, 112771	6.7	1
157	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> , 2020 , 12, 2511	3	5
156	Monthly Abundance Patterns and the Potential Role of Waterbirds as Phosphorus Sources to a Hypertrophic Baltic Lagoon. <i>Water (Switzerland)</i> , 2020 , 12, 1392	3	4
155	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
154	Sedimentary Organic Matter, Prokaryotes, and Meiofauna across a River-Lagoon-Sea Gradient. <i>Diversity</i> , 2020 , 12, 189	2.5	4

153	Upscaling nitrogen removal processes in fluvial wetlands and irrigation canals in a patchy agricultural watershed. <i>Wetlands Ecology and Management</i> , 2020 , 28, 297-313	2.1	7
152	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> , 2020 , 740, 140169	10.2	7
151	Seasonal cycle of benthic denitrification and DNRA in the aphotic coastal zone, northern Baltic Sea. <i>Marine Ecology - Progress Series</i> , 2020 , 637, 15-28	2.6	5
150	Effects of macrophytes on potential nitrification and denitrification in oligotrophic lake sediments. <i>Aquatic Botany</i> , 2020 , 167, 103287	1.8	3
149	Contrasting Effects of Bioturbation Studied in Intact and Reconstructed Estuarine Sediments. <i>Water (Switzerland)</i> , 2020 , 12, 3125	3	1
148	N fixation dominates nitrogen cycling in a mangrove fiddler crab holobiont. <i>Scientific Reports</i> , 2020 , 10, 13966	4.9	9
147	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> , 2020 , 150, 85-107	3.8	1
146	Zebra Mussel Holobionts Fix and Recycle Nitrogen in Lagoon Sediments. <i>Frontiers in Microbiology</i> , 2020 , 11, 610269	5.7	8
145	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
144	Chemosymbiotic bivalves contribute to the nitrogen budget of seagrass ecosystems. <i>ISME Journal</i> , 2019 , 13, 3131-3134	11.9	16
143	The Effect of Chironomid Larvae on Nitrogen Cycling and Microbial Communities in Soft Sediments. <i>Water (Switzerland)</i> , 2019 , 11, 1931	3	7
142	Application of the isotope pairing technique in sediments: Use, challenges, and new directions. <i>Limnology and Oceanography: Methods</i> , 2019 , 17, 112-136	2.6	20
141	Contrasting Effects of an Alien Worm on Benthic N Cycling in Muddy and Sandy Sediments. <i>Water (Switzerland)</i> , 2019 , 11, 465	3	4
140	Estuarine Macrofauna Affects Benthic Biogeochemistry in a Hypertrophic Lagoon. <i>Water (Switzerland)</i> , 2019 , 11, 1186	3	9
139	Ecological and Conservation Value of Small Standing-Water Ecosystems: A Systematic Review of Current Knowledge and Future Challenges. <i>Water (Switzerland)</i> , 2019 , 11, 402	3	26
138	Effects of Drying and Re-Wetting on Litter Decomposition and Nutrient Recycling: A Manipulative Experiment. <i>Water (Switzerland)</i> , 2019 , 11, 708	3	4
137	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> , 2019 , 647, 301-312	10.2	25
136	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

135	Feces from Piscivorous and Herbivorous Birds Stimulate Differentially Phytoplankton Growth. <i>Water (Switzerland)</i> , 2019 , 11, 2567	3	7
134	Analysis of 15N-NO3 ⁻ Via Anoxic Slurries Coupled to MIMS Analysis: An Application to Estimate Nitrification by Burrowing Macrofauna. <i>Water (Switzerland)</i> , 2019 , 11, 2310	3	1
133	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
132	Groundwater characterization from an ecological and human perspective: an interdisciplinary approach in the Functional Urban Area of Parma, Italy. <i>Rendiconti Lincei</i> , 2019 , 30, 93-108	1.7	11
131	Stoichiometry of regenerated nutrients differs between native and invasive freshwater mussels with implications for algal growth. <i>Freshwater Biology</i> , 2019 , 64, 619-631	3.1	10
130	Spatial heterogeneity and short-term oxygen dynamics in the rhizosphere of <i>Vallisneria spiralis</i> : Implications for nutrient cycling. <i>Freshwater Biology</i> , 2019 , 64, 532-543	3.1	17
129	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
128	Variation in benthic metabolism and nitrogen cycling across clam aquaculture sites. <i>Marine Pollution Bulletin</i> , 2018 , 127, 524-535	6.7	13
127	Benthic N pathways in illuminated and bioturbated sediments studied with network analysis. <i>Limnology and Oceanography</i> , 2018 , 63, S68-S84	4.8	15
126	Soil system budgets of N, Si and P in an agricultural irrigated watershed: surplus, differential export and underlying mechanisms. <i>Biogeochemistry</i> , 2018 , 140, 175-197	3.8	10
125	Microphytobenthos and chironomid larvae attenuate nutrient recycling in shallow-water sediments. <i>Freshwater Biology</i> , 2018 , 63, 187-201	3.1	24
124	Drivers of Cyanobacterial Blooms in a Hypertrophic Lagoon. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	21
123	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> , 2018 , 192, 129-136	1.9	1
122	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
121	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> , 2018 , 10, 1178	3	20
120	Application of QUAL2Kw to the Oglio River (Northern Italy) to assess diffuse N pollution via river-groundwater interaction. <i>Journal of Limnology</i> , 2018 ,	1.5	1
119	The influence of cyanobacteria blooms on the attenuation of nitrogen throughputs in a Baltic coastal lagoon. <i>Biogeochemistry</i> , 2018 , 141, 143-165	3.8	18
118	Nitrification and denitrification in estuarine sediments with tube-dwelling benthic animals. <i>Hydrobiologia</i> , 2018 , 819, 217-230	2.4	13

117	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
116	Role of ephemeral vegetation of emerging river bottoms in modulating CO2 exchanges across a temperate large lowland river stretch. <i>Aquatic Sciences</i> , 2017 , 79, 149-158	2.5	11
115	Mitigation of nitrogen pollution in vegetated ditches fed by nitrate-rich spring waters. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 243, 74-82	5.7	37
114	Seasonal effect of zebra mussel colonies on benthic processes in the temperate mesotrophic Plateliai Lake, Lithuania. <i>Hydrobiologia</i> , 2017 , 802, 23-38	2.4	2
113	Effect of algal blooms on retention of N, Si and P in Europe's largest coastal lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 2017 , 194, 217-228	2.9	28
112	Rare but large bivalves alter benthic respiration and nutrient recycling in riverine sediments. <i>Aquatic Ecology</i> , 2017 , 51, 1-16	1.9	19
111	Nitrogen uptake and coupled nitrification-denitrification in riverine sediments with benthic microalgae and rooted macrophytes. <i>Aquatic Sciences</i> , 2017 , 79, 487-505	2.5	23
110	Mitochondrial evidence supports a Nearctic origin for the spreading limicolous earthworm <i>Sparganophilus tamesis</i> Benham, 1892 (Clitellata, Sparganophilidae). <i>Contributions To Zoology</i> , 2016 , 85, 113-119	1.6	1
109	Phosphorus Cycling in a Freshwater Estuary Impacted by Cyanobacterial Blooms. <i>Estuaries and Coasts</i> , 2016 , 39, 1386-1402	2.8	22
108	Do oxic-anoxic transitions constrain organic matter mineralization in eutrophic freshwater wetlands?. <i>Hydrobiologia</i> , 2016 , 774, 81-92	2.4	8
107	Daphnia diversity in water bodies of the Po River Basin. <i>Journal of Limnology</i> , 2016 ,	1.5	1
106	Preface: Wetlands biodiversity and processes tools for conservation and management. <i>Hydrobiologia</i> , 2016 , 774, 1-5	2.4	6
105	Vegetated canals mitigate nitrogen surplus in agricultural watersheds. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 212, 253-262	5.7	44
104	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
103	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> , 2015 , 164, 134-146	2.9	21
102	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> , 2015 , 20, 169-182	2	1
101	Eutrophication of the Mediterranean Sea: a watershed-cascading aquatic filter approach. <i>Rendiconti Lincei</i> , 2015 , 26, 13-23	1.7	16
100	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

99	Spatial and temporal distribution of coloured dissolved organic matter in a hypertrophic freshwater lagoon. <i>Journal of Limnology</i> , 2015 ,	1.5	6
98	Assessing Potential Algal Blooms in a Shallow Fluvial Lake by Combining Hydrodynamic Modelling and Remote-Sensed Images. <i>Water (Switzerland)</i> , 2015 , 7, 1921-1942	3	24
97	Response of sedimentary processes to cyanobacteria loading. <i>Journal of Limnology</i> , 2015 ,	1.5	4
96	Remote sensing of phytoplankton-macrophyte coexistence in shallow hypereutrophic fluvial lakes. <i>Hydrobiologia</i> , 2014 , 737, 67-76	2.4	36
95	Seasonal regulation of nitrification in a rooted macrophyte (<i>Vallisneria spiralis</i> L.) meadow under eutrophic conditions. <i>Aquatic Ecology</i> , 2014 , 48, 11-21	1.9	27
94	Benthic respiration and stoichiometry of regenerated nutrients in lake sediments with <i>Dreissena polymorpha</i> . <i>Aquatic Sciences</i> , 2014 , 76, 405-417	2.5	15
93	Feedback Mechanisms Between Cyanobacterial Blooms, Transient Hypoxia, and Benthic Phosphorus Regeneration in Shallow Coastal Environments. <i>Estuaries and Coasts</i> , 2014 , 37, 680-694	2.8	47
92	Meiofauna increases bacterial denitrification in marine sediments. <i>Nature Communications</i> , 2014 , 5, 5133	17.4	144
91	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> , 2014 , 466-467, 924-38	10.2	23
90	First time in Italy. Is the elusive aquatic megadrile <i>Sparganophilus Benham</i> , 1892 (Annelida, Clitellata) accelerating its dispersal in Europe?. <i>Journal of Limnology</i> , 2014 , 73,	1.5	7
89	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
88	How do hydromorphological constraints and regulated flows govern macroinvertebrate communities along an entire lowland river?. <i>Ecohydrology</i> , 2014 , 7, 366-377	2.5	16
87	Seasonal oxygen, nitrogen and phosphorus benthic cycling along an impacted Baltic Sea estuary: regulation and spatial patterns. <i>Biogeochemistry</i> , 2014 , 119, 139-160	3.8	49
86	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> , 2013 , 52, 567-80	2.7	41
85	Seasonal variation of radial oxygen loss in <i>Vallisneria spiralis</i> L.: An adaptive response to sediment redox?. <i>Aquatic Botany</i> , 2013 , 104, 228-232	1.8	28
84	Origin and fate of nitrates in groundwater from the central Po plain: Insights from isotopic investigations. <i>Applied Geochemistry</i> , 2013 , 34, 164-180	3.5	77
83	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
82	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

81	Multitemporal analysis of algal blooms with MERIS images in a deep meromictic lake. <i>European Journal of Remote Sensing</i> , 2013 , 46, 445-458	2.9	6
80	Benthic processes in fresh water fluffy sediments undergoing resuspension. <i>Journal of Limnology</i> , 2013 , 72, 1	1.5	10
79	Effect of reoxygenation and Marenzelleria spp. bioturbation on Baltic Sea sediment metabolism. <i>Marine Ecology - Progress Series</i> , 2013 , 482, 43-55	2.6	51
78	Patterns of benthic oxygen uptake in a hypertrophic lagoon: spatial variability and controlling factors. <i>Hydrobiologia</i> , 2012 , 699, 85-98	2.4	10
77	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
76	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> , 2012 , 47, 141-145	3.9	29
75	Retrospective analysis of spatial and temporal variability of chlorophyll-a in the Curonian Lagoon. <i>Journal of Coastal Conservation</i> , 2012 , 16, 511-519	1.9	22
74	Herbicide contamination and dispersion pattern in lowland springs. <i>Science of the Total Environment</i> , 2012 , 438, 312-8	10.2	22
73	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
72	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> , 2012 , 71, 33	1.5	8
71	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
70	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
69	Impact of new measured Mediterranean mineralization rates on the fate of simulated aquaculture wastes. <i>Aquaculture Research</i> , 2011 , 42, 1359-1370	1.9	
68	Influence of hydrological connectivity of riverine wetlands on nitrogen removal via denitrification. <i>Biogeochemistry</i> , 2011 , 103, 335-354	3.8	82
67	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
66	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
65	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
64	Recognizing harmful algal bloom based on remote sensing reflectance band ratio. <i>Journal of Applied Remote Sensing</i> , 2011 , 5, 053556	1.4	12

63 Variation among Estuarine Geochemistry and Productivity **2011**, 87-98

62	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
61	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
60	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
59	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
58	In situ measurements and satellite remote sensing of case 2 waters: first results from the Curonian Lagoon. <i>Oceanologia</i> , 2010 , 52, 197-210	2.2	33
57	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
56	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
55	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
54	Imaging spectrometry of productive inland waters. Application to the lakes of Mantua. <i>European Journal of Remote Sensing</i> , 2009 , 147-156		16
53	Short-term effect of oxic to anoxic transition on benthic microbial activity and solute fluxes in organic-rich phytotreatment ponds 2009 , 123-136		1
52	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> , 2008 , 78, 369-384	2.9	58
51	Community metabolism and buffering capacity of nitrogen in a <i>ruppia cirrhosa</i> meadow. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008 , 360, 21-30	2.1	21
50	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
49	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
48	Implications for oxygen, nutrient fluxes and denitrification rates during the early stage of sediment colonisation by the polychaete <i>Nereis</i> spp. in four estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 75, 125-134	2.9	84
47	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
46	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

45	Recent changes in macrophyte colonisation patterns: an imaging spectrometry-based evaluation of southern Lake Garda (northern Italy). <i>Journal of Applied Remote Sensing</i> , 2007 , 1, 011509	1.4	24
44	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
43	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
42	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
41	Aerobic and anaerobic mineralisation of organic detritus of different macrophytes. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006 , 29, 1467-1476		
40	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
39	Inorganic nitrogen control in wastewater treatment ponds from a fish farm (Orbetello, Italy): denitrification versus <i>Ulva</i> uptake. <i>Marine Pollution Bulletin</i> , 2005 , 50, 1386-97	6.7	24
38	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
37	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
36	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
35	Relationships between macroalgal biomass and microbiological quality of water in a phytotreatment pond. <i>Hydrobiologia</i> , 2005 , 550, 211-219	2.4	1
34	Physical and chemical characteristics of water and sediment of nine mountain astatic ponds (northern Apennines, Italy). <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005 , 29, 151-157		
33	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
32	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
31	Microphytobenthos activity and fluxes at the sediment-water interface: interactions and spatial variability. <i>Aquatic Ecology</i> , 2003 , 37, 341-349	1.9	44
30	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
29	Influence of Clam Farming on Macroalgal Growth: A Microcosm Experiment. <i>Chemistry and Ecology</i> , 2003 , 19, 147-160	2.3	18
28	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

27	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
26	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
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3	Nitrogen balance and fate in a heavily impacted watershed (Oglio River, Northern Italy): in quest of the missing sources and sinks		2
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