

Marco Bartoli

List of Publications by Year in descending order

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168
papers

4,861
citations

94269

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133063

59
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170
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170
docs citations

170
times ranked

4127
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	193
2	Meiofauna increases bacterial denitrification in marine sediments. <i>Nature Communications</i> , 2014, 5, 5133.	5.8	182
3	Denitrification, nitrogen fixation, community primary productivity and inorganic-N and oxygen fluxes in an intertidal <i>Zostera noltii</i> meadow. <i>Marine Ecology - Progress Series</i> , 2000, 208, 65-77.	0.9	146
4	Title is missing!. <i>Hydrobiologia</i> , 2001, 455, 203-212.	1.0	130
5	ROBUST: The ROle of BUffering capacities in STabilising coastal lagoon ecosystems. <i>Continental Shelf Research</i> , 2001, 21, 2021-2041.	0.9	118
6	Iron, sulphur and phosphorus cycling in the rhizosphere sediments of a eutrophic <i>Ruppia cirrhosa</i> meadow (Valle Smarlacca, Italy). <i>Journal of Sea Research</i> , 2001, 45, 15-26.	0.6	110
7	Decomposition of four macrophytes in wetland sediments: Organic matter and nutrient decay and associated benthic processes. <i>Aquatic Botany</i> , 2008, 89, 303-310.	0.8	107
8	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.	0.9	104
9	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments. <i>Hydrobiologia</i> , 1996, 329, 105-119.	1.0	103
10	Influence of hydrological connectivity of riverine wetlands on nitrogen removal via denitrification. <i>Biogeochemistry</i> , 2011, 103, 335-354.	1.7	97
11	Origin and fate of nitrates in groundwater from the central Po plain: Insights from isotopic investigations. <i>Applied Geochemistry</i> , 2013, 34, 164-180.	1.4	90
12	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.	1.0	86
13	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.	0.9	73
14	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.	1.0	70
15	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.	1.3	68
16	Seasonal oxygen, nitrogen and phosphorus benthic cycling along an impacted Baltic Sea estuary: regulation and spatial patterns. <i>Biogeochemistry</i> , 2014, 119, 139-160.	1.7	68
17	Feedback Mechanisms Between Cyanobacterial Blooms, Transient Hypoxia, and Benthic Phosphorus Regeneration in Shallow Coastal Environments. <i>Estuaries and Coasts</i> , 2014, 37, 680-694.	1.0	62
18	Effect of reoxygenation and <i>Marenzelleria</i> spp. bioturbation on Baltic Sea sediment metabolism. <i>Marine Ecology - Progress Series</i> , 2013, 482, 43-55.	0.9	61

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19	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.	0.6	57
20	Vegetated canals mitigate nitrogen surplus in agricultural watersheds. <i>Agriculture, Ecosystems and Environment</i> , 2015, 212, 253-262.	2.5	57
21	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.	0.9	56
22	Mitigation of nitrogen pollution in vegetated ditches fed by nitrate-rich spring waters. <i>Agriculture, Ecosystems and Environment</i> , 2017, 243, 74-82.	2.5	55
23	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.	0.6	54
24	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.	1.0	49
25	Title is missing!. <i>Hydrobiologia</i> , 2000, 431, 165-174.	1.0	49
26	Microphytobenthos activity and fluxes at the sediment-water interface: interactions and spatial variability. <i>Aquatic Ecology</i> , 2003, 37, 341-349.	0.7	49
27	Benthic metabolism and denitrification in a river reach: a comparison between vegetated and bare sediments. <i>Journal of Limnology</i> , 2009, 68, 133.	0.3	49
28	Denitrification in an intertidal seagrass meadow, a comparison of 15 N-isotope and acetylene-block techniques: dissimilatory nitrate reduction to ammonia as a source of N ₂ O?. <i>Marine Biology</i> , 2001, 139, 1029-1036.	0.7	48
29	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.	1.7	48
30	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.	0.8	48
31	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.	0.7	43
32	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, 567-580.	1.2	43
33	Remote sensing of phytoplankton-macrophyte coexistence in shallow hypereutrophic fluvial lakes. <i>Hydrobiologia</i> , 2014, 737, 67-76.	1.0	43
34	Macrophyte communities and their impact on benthic fluxes of oxygen, sulphide and nutrients in shallow eutrophic environments. , 1996, , 105-119.		43
35	Evolution of the Trophic Conditions and Dystrophic Outbreaks in the Sacca di Goro Lagoon (Northern Adriatic Sea). , 2001, , 467-475.		42
36	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.	0.8	41

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37	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.	1.2	41
38	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.	0.7	38
39	Species and functional plant diversity in a heavily impacted riverscape: Implications for threatened hydro-hygrophilous flora conservation. <i>Limnologica</i> , 2013, 43, 230-238.	0.7	38
40	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.	0.9	38
41	Net autotrophy in a fluvial lake: the relative role of phytoplankton and floating-leaved macrophytes. <i>Aquatic Sciences</i> , 2011, 73, 389-403.	0.6	37
42	In situ measurements and satellite remote sensing of case 2 waters: first results from the Curonian Lagoon. <i>Oceanologia</i> , 2010, 52, 197-210.	1.1	37
43	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.	1.0	35
44	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.	0.8	35
45	Nitrogen uptake and coupled nitrification-denitrification in riverine sediments with benthic microalgae and rooted macrophytes. <i>Aquatic Sciences</i> , 2017, 79, 487-505.	0.6	35
46	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, 1386-1397.	2.3	34
47	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.	0.3	34
48	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.	0.7	34
49	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.	1.6	33
50	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.	1.7	33
51	Drivers of Cyanobacterial Blooms in a Hypertrophic Lagoon. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	33
52	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.	0.6	32
53	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.	3.9	32
54	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.	1.1	31

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55	The Sacca di Goro Lagoon and an Arm of the Po River. Handbook of Environmental Chemistry, Volume 5: Water Pollution, 2005, , 197-232.	0.4	31
56	Assessing Potential Algal Blooms in a Shallow Fluvial Lake by Combining Hydrodynamic Modelling and Remote-Sensed Images. Water (Switzerland), 2015, 7, 1921-1942.	1.2	31
57	Microphytobenthos and chironomid larvae attenuate nutrient recycling in shallow water sediments. Freshwater Biology, 2018, 63, 187-201.	1.2	31
58	Phosphorus Cycling in a Freshwater Estuary Impacted by Cyanobacterial Blooms. Estuaries and Coasts, 2016, 39, 1386-1402.	1.0	30
59	Nitrogen inputs to a river course in a heavily impacted watershed: A combined hydrochemical and isotopic evaluation (Oglio River Basin, N Italy). Science of the Total Environment, 2014, 466-467, 924-938.	3.9	29
60	Phosphorus mobility under short-term anoxic conditions in two shallow eutrophic coastal systems (Curonian and Sacca di Goro lagoons). Estuarine, Coastal and Shelf Science, 2015, 164, 134-146.	0.9	29
61	Hot moments and hotspots of cyanobacteria hyperblooms in the Curonian Lagoon (SE Baltic Sea) revealed via remote sensing-based retrospective analysis. Science of the Total Environment, 2021, 769, 145053.	3.9	29
62	Spatial heterogeneity and short-term oxygen dynamics in the rhizosphere of <i>Vallisneria spiralis</i> : Implications for nutrient cycling. Freshwater Biology, 2019, 64, 532-543.	1.2	28
63	Retrospective analysis of spatial and temporal variability of chlorophyll-a in the Curonian Lagoon. Journal of Coastal Conservation, 2012, 16, 511-519.	0.7	27
64	Herbicide contamination and dispersion pattern in lowland springs. Science of the Total Environment, 2012, 438, 312-318.	3.9	27
65	Recent Trends (2012–2016) of N, Si, and P Export from the Nemunas River Watershed: Loads, Unbalanced Stoichiometry, and Threats for Downstream Aquatic Ecosystems. Water (Switzerland), 2018, 10, 1178.	1.2	27
66	Application of the isotope pairing technique in sediments: Use, challenges, and new directions. Limnology and Oceanography: Methods, 2019, 17, 112-136.	1.0	27
67	Trade-off between conservation and exploitation of the transitional water ecosystems of the northern Adriatic Sea. Chemistry and Ecology, 2010, 26, 105-119.	0.6	26
68	Benthic primary production and bacterial denitrification in a Mediterranean eutrophic coastal lagoon. Journal of Experimental Marine Biology and Ecology, 2012, 438, 41-51.	0.7	26
69	Community metabolism and buffering capacity of nitrogen in a ruppia cirrhosa meadow. Journal of Experimental Marine Biology and Ecology, 2008, 360, 21-30.	0.7	25
70	Short term changes in pore water chemistry in river sediments during the early colonization by <i>Vallisneria spiralis</i> . Hydrobiologia, 2010, 652, 127-137.	1.0	25
71	Rare but large bivalves alter benthic respiration and nutrient recycling in riverine sediments. Aquatic Ecology, 2017, 51, 1-16.	0.7	25
72	The influence of cyanobacteria blooms on the attenuation of nitrogen throughputs in a Baltic coastal lagoon. Biogeochemistry, 2018, 141, 143-165.	1.7	25

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73	N2 fixation dominates nitrogen cycling in a mangrove fiddler crab holobiont. <i>Scientific Reports</i> , 2020, 10, 13966.	1.6	25
74	Oxygen and ammonium dynamics during a farming cycle of the bivalve <i>Tapes philippinarum</i> . <i>Hydrobiologia</i> , 2007, 587, 25-36.	1.0	24
75	How do hydromorphological constraints and regulated flows govern macroinvertebrate communities along an entire lowland river?. <i>Ecohydrology</i> , 2014, 7, 366-377.	1.1	24
76	Chemosymbiotic bivalves contribute to the nitrogen budget of seagrass ecosystems. <i>ISME Journal</i> , 2019, 13, 3131-3134.	4.4	24
77	Influence of Clam Farming on Macroalgal Growth: A Microcosm Experiment. <i>Chemistry and Ecology</i> , 2003, 19, 147-160.	0.6	22
78	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.	3.9	22
79	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.	0.4	21
80	Short Term Changes of Benthic Fluxes During Clam Harvesting in a Coastal Lagoon (Sacca Di Goro, Po) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.6	21
81	CO2 and CH4 fluxes across a <i>Nuphar lutea</i> (L.) Sm. stand. <i>Journal of Limnology</i> , 2012, 71, 21.	0.3	21
82	Denitrification in a meromictic lake and its relevance to nitrogen flows within a moderately impacted forested catchment. <i>Biogeochemistry</i> , 2018, 137, 143-161.	1.7	21
83	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. <i>Water (Switzerland)</i> , 2019, 11, 2304.	1.2	21
84	Assessing the Potential Impact of Clam Rearing in Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , 2003, 19, 129-146.	0.6	20
85	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.	1.5	20
86	Eutrophication of the Mediterranean Sea: a watershedâ€™ cascading aquatic filter approach. <i>Rendiconti Lincei</i> , 2015, 26, 13-23.	1.0	19
87	Benthic N pathways in illuminated and bioturbated sediments studied with network analysis. <i>Limnology and Oceanography</i> , 2018, 63, S68.	1.6	19
88	Imaging spectrometry of productive inland waters. Application to the lakes of Mantua. <i>European Journal of Remote Sensing</i> , 2009, , 147-156.	0.2	19
89	Economic modelling as a tool to support macroalgal bloom management: a case study (Sacca di Goro,) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> <i>Oceanologie</i> , 2003, 26, 139-147.	0.7	18
90	Nitrification and denitrification in estuarine sediments with tube-dwelling benthic animals. <i>Hydrobiologia</i> , 2018, 819, 217-230.	1.0	18

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91	Environmental Drivers Controlling Bacterial and Archaeal Abundance in the Sediments of a Mediterranean Lagoon Ecosystem. <i>Current Microbiology</i> , 2018, 75, 1147-1155.	1.0	18
92	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.	1.0	18
93	Variation in benthic metabolism and nitrogen cycling across clam aquaculture sites. <i>Marine Pollution Bulletin</i> , 2018, 127, 524-535.	2.3	17
94	The Effect of Chironomid Larvae on Nitrogen Cycling and Microbial Communities in Soft Sediments. <i>Water (Switzerland)</i> , 2019, 11, 1931.	1.2	17
95	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.	1.0	16
96	Relationship between benthic fluxes and macrophyte cover in a shallow brackish lagoon. <i>Water, Air, and Soil Pollution</i> , 1997, 99, 533-540.	1.1	15
97	Recognizing harmful algal bloom based on remote sensing reflectance band ratio. <i>Journal of Applied Remote Sensing</i> , 2011, 5, 053556.	0.6	15
98	Benthic respiration and stoichiometry of regenerated nutrients in lake sediments with <i>Dreissena polymorpha</i> . <i>Aquatic Sciences</i> , 2014, 76, 405-417.	0.6	15
99	Role of ephemeral vegetation of emerging river bottoms in modulating CO ₂ exchanges across a temperate large lowland river stretch. <i>Aquatic Sciences</i> , 2017, 79, 149-158.	0.6	15
100	Stoichiometry of regenerated nutrients differs between native and invasive freshwater mussels with implications for algal growth. <i>Freshwater Biology</i> , 2019, 64, 619-631.	1.2	15
101	Zebra Mussel Holobionts Fix and Recycle Nitrogen in Lagoon Sediments. <i>Frontiers in Microbiology</i> , 2020, 11, 610269.	1.5	15
102	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.	1.0	14
103	Patterns of benthic oxygen uptake in a hypertrophic lagoon: spatial variability and controlling factors. <i>Hydrobiologia</i> , 2012, 699, 85-98.	1.0	14
104	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.	1.8	14
105	Benthic Fluxes of Oxygen, Ammonium and Nitrate and Coupled-uncoupled Denitrification Rates within Communities of Three Different Primary Producer Growth Forms. , 2001, , 225-233.		14
106	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.		14
107	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.	0.4	13
108	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.	0.2	12

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109	Factors Controlling Benthic Biogeochemistry in Urbanized Coastal Systems: an Example from Venice (Italy). <i>Estuaries and Coasts</i> , 2015, 38, 1016-1031.	1.0	12
110	Estuarine Macrofauna Affects Benthic Biogeochemistry in a Hypertrophic Lagoon. <i>Water (Switzerland)</i> , 2019, 11, 1186.	1.2	12
111	Feces from Piscivorous and Herbivorous Birds Stimulate Differentially Phytoplankton Growth. <i>Water (Switzerland)</i> , 2019, 11, 2567.	1.2	12
112	Sulphide release from anoxic sediments in relation to iron availability and organic matter recalcitrance and its effects on inorganic phosphorus recycling. , 1996, , 211-222.		12
113	Benthic processes in fresh water fluffy sediments undergoing resuspension. <i>Journal of Limnology</i> , 2013, 72, 1.	0.3	11
114	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.	1.7	11
115	Worms and submersed macrophytes reduce methane release and increase nutrient removal in organic sediments. <i>Limnology and Oceanography Letters</i> , 2021, 6, 329-338.	1.6	11
116	Assessing The Potential Impact Of Clam Rearing In Dystrophic Lagoons: An Integrated Oxygen Balance. <i>Chemistry and Ecology</i> , 2003, 19, 129-146.	0.6	11
117	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.	0.9	11
118	Dissolved oxygen and nutrient budgets in a phytotreatment pond colonised by <i>Ulva</i> spp.. <i>Hydrobiologia</i> , 2005, 550, 199-209.	1.0	10
119	Effects of Drying and Re-Wetting on Litter Decomposition and Nutrient Recycling: A Manipulative Experiment. <i>Water (Switzerland)</i> , 2019, 11, 708.	1.2	10
120	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.	1.2	10
121	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.	0.7	10
122	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.	0.3	9
123	Preface: Wetlands biodiversity and processes—tools for conservation and management. <i>Hydrobiologia</i> , 2016, 774, 1-5.	1.0	9
124	Do oxic—anoxic transitions constrain organic matter mineralization in eutrophic freshwater wetlands?. <i>Hydrobiologia</i> , 2016, 774, 81-92.	1.0	9
125	Contrasting Effects of an Alien Worm on Benthic N Cycling in Muddy and Sandy Sediments. <i>Water (Switzerland)</i> , 2019, 11, 465.	1.2	9
126	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.	1.2	9

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127	First time in Italy. Is the elusive aquatic megadrile <i>Sparganophilus</i> Benham, 1892 (Annelida, Clitellata) accelerating its dispersal in Europe?. <i>Journal of Limnology</i> , 2014, 73, .	0.3	8
128	Monthly Abundance Patterns and the Potential Role of Waterbirds as Phosphorus Sources to a Hypertrophic Baltic Lagoon. <i>Water (Switzerland)</i> , 2020, 12, 1392.	1.2	8
129	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.	1.2	8
130	Spatial and temporal distribution of coloured dissolved organic matter in a hypertrophic freshwater lagoon. <i>Journal of Limnology</i> , 2015, , .	0.3	7
131	Connectivity and habitat typology drive CO_2 and CH_4 fluxes across land-water interfaces in lowland rivers. <i>Ecohydrology</i> , 2019, 12, e2036.	1.1	7
132	Effects of macrophytes on potential nitrification and denitrification in oligotrophic lake sediments. <i>Aquatic Botany</i> , 2020, 167, 103287.	0.8	7
133	Sedimentary Organic Matter, Prokaryotes, and Meiofauna across a River-Lagoon-Sea Gradient. <i>Diversity</i> , 2020, 12, 189.	0.7	7
134	Benthic Metabolism in Fluvial Sediments with Larvae of <i>Lampetra</i> sp.. <i>Water (Switzerland)</i> , 2021, 13, 1002.	1.2	7
135	Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. <i>Biogeochemistry</i> , 2022, 157, 193-213.	1.7	7
136	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.	1.3	7
137	Multitemporal analysis of algal blooms with MERIS images in a deep meromictic lake. <i>European Journal of Remote Sensing</i> , 2013, 46, 445-458.	1.7	6
138	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, .	0.3	6
139	Contrasting Effects of Bioturbation Studied in Intact and Reconstructed Estuarine Sediments. <i>Water (Switzerland)</i> , 2020, 12, 3125.	1.2	6
140	Variable Oxygen Levels Lead to Variable Stoichiometry of Benthic Nutrient Fluxes in a Hypertrophic Estuary. <i>Estuaries and Coasts</i> , 2021, 44, 689-703.	1.0	6
141	The seasonal response of in situ denitrification and DNRA rates to increasing nitrate availability. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 271, 107856.	0.9	5
142	Response of sedimentary processes to cyanobacteria loading. <i>Journal of Limnology</i> , 2015, , .	0.3	4
143	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.	1.7	4
144	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.	0.9	4

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