Effects of nutrient enrichment in the nation's estuaries:

Citation Report

#	Article	IF	Citations
1	Estuarine paleoenvironmental reconstructions using diatoms. , 0, , 352-373.		23
2	In situ nutrient monitoring: A tool for capturing nutrient variability and the antecedent conditions that support algal blooms. Harmful Algae, 2008, 8, 175-181.	2.2	34
3	Harmful algal blooms and eutrophication: Examining linkages from selected coastal regions of the United States. Harmful Algae, 2008, 8, 39-53.	2.2	530
5	Recipe for Hypoxia2. Science Activities, 2009, 46, 39-48.	0.4	0
6	Oyster and Macroalgae Bioindicators Detect Elevated Î´15N in Marylandâ€™s Coastal Bays. Estuaries and Coasts, 2009, 32, 773-786.	1.0	43
7	Understanding and Managing Human Threats to the Coastal Marine Environment. Annals of the New York Academy of Sciences, 2009, 1162, 39-62.	1.8	317
9	Signatures of Restoration and Management Changes in the Water Quality of a Central California Estuary. Estuaries and Coasts, 2010, 33, 1004-1024.	1.0	5
10	Assessment of coastal management options by means of multilayered ecosystem models. Estuarine, Coastal and Shelf Science, 2010, 87, 43-62.	0.9	77
11	Nutrient flux and budget in the Ebro estuary. Estuarine, Coastal and Shelf Science, 2010, 87, 92-102.	0.9	50
12	Habitat Scale Mapping of Fisheries Ecosystem Service Values in Estuaries. Ecology and Society, 2010, 15, .	1.0	37
13	An Initial Assessment of a Wetland-Reservoir Wastewater Treatment and Reuse System Receiving Agricultural Drainage Water in Nova Scotia. , 2010, , .		0
14	Effects of seasonal stratification on turbulent mixing in a hypereutrophic coastal lagoon. Limnology and Oceanography, 2010, 55, 172-186.	1.6	18
15	Eutrophication Potential of Food Consumption Patterns. Environmental Science & Technology, 2010, 44, 6450-6456.	4.6	114
16	Eutrophication and macroalgal blooms in temperate and tropical coastal waters: nutrient enrichment experiments with <i>Ulva</i> spp.. Global Change Biology, 2010, 16, 2624-2637.	4.2	291
17	Understanding the Nitrogen Cycle through Network Models in Coastal Ecosystems. , 2011, , 383-396.		4
18	Climate Regulation as a Service from Estuarine and Coastal Ecosystems. , 2011, , 199-216.		7
21	Integrated Environmental Modeling and Assessment of Coastal Ecosystems: Application for Aquaculture Management. Coastal Management, 2011, 39, 536-555.	1.0	11
22	Ecological Stoichiometry, Biogeochemical Cycling, Invasive Species, and Aquatic Food Webs: San Francisco Estuary and Comparative Systems. Reviews in Fisheries Science, 2011, 19, 358-417.	2.1	139

#	ARTICLE	IF	CITATIONS
23	Classifying Ecological Quality and Integrity of Estuaries. , 2011, , 125-162.		30
24	Nitrogen in Agricultural Systems: Implications for Conservation Policy. SSRN Electronic Journal, 0, , .	0.4	73
25	Predicting the Hypoxic-Volume in Chesapeake Bay with the Streeter-Phelps Model: A Bayesian Approach1. Journal of the American Water Resources Association, 2011, 47, 1348-1363.	1.0	12
26	Overview of eutrophication indicators to assess environmental status within the European Marine Strategy Framework Directive. Estuarine, Coastal and Shelf Science, 2011, 93, 117-131.	0.9	375
27	Phytoplankton communities and biomass size structure (fractionated chlorophyll â€œaâ€), along trophic gradients of the Basque coast (northern Spain). Biogeochemistry, 2011, 106, 243-263.	1.7	37
28	Getting the measure of eutrophication in the Baltic Sea: towards improved assessment principles and methods. Biogeochemistry, 2011, 106, 137-156.	1.7	86
29	The role of microphytobenthos on shallow coastal lagoons: a modelling approach. Biogeochemistry, 2011, 106, 207-228.	1.7	13
30	Comparison of five methods for assessing impacts of nutrient enrichment using estuarine case studies. Biogeochemistry, 2011, 106, 177-205.	1.7	83
31	Speciation and Transport of Phosphorus in Source Area Rainfallâ€"Runoff. Water, Air, and Soil Pollution, 2011, 222, 351-365.	1.1	15
32	Quantifying Annual Nitrogen Loads to Virginiaâ€™s Coastal Lagoons: Sources and Water Quality Response. Estuaries and Coasts, 2011, 34, 297-309.	1.0	27
33	Can sediment total organic carbon and grain size be used to diagnose organic enrichment in estuaries?. Environmental Toxicology and Chemistry, 2011, 30, 538-547.	2.2	31
34	A toolbox for calculating net anthropogenic nitrogen inputs (NANI). Environmental Modelling and Software, 2011, 26, 623-633.	1.9	91
35	Advances in Nitrogen Management for Water Quality. Journal of Soils and Water Conservation, 2011, 66, 25A-26A.	0.8	20
36	Coastal Impacts, Adaptation, and Vulnerabilities. , 2012, , .		28
37	Water quality monitoring in Basque coastal areas using local chlorophyll-a algorithm and MERIS images. Journal of Applied Remote Sensing, 2012, 6, 063519.	0.6	7
38	Best Nitrogen Management Practices Can Reduce the Potential Flux of Nitrogen Out of the Arkansas Delta. Soil Science, 2012, 177, 198-209.	0.9	5
39	Using a Multi-Component Indicator Toward Reducing Phytoplankton Bloom Occurrences in the Swan River Estuary. Environmental Management, 2012, 50, 237-256.	1.2	7
40	Denitrification Potential in Stormwater Control Structures and Natural Riparian Zones in an Urban Landscape. Environmental Science & Technology, 2012, 46, 10909-10917.	4.6	113

#	Article	IF	Citations
41	Temporal analysis of stormwater control measure effluent based on windows of harmful algal bloom (HAB) sensitivity: Are annual nutrient EMCs appropriate during HAB-sensitive seasons?. Ecological Engineering, 2012, 49, 41-47.	1.6	8
42	Winter–summer nutrient composition linkage to algae-produced toxins in shellfish at a eutrophic coastal lagoon (Ã"bidos lagoon, Portugal). Estuarine, Coastal and Shelf Science, 2012, 112, 61-72.	0.9	16
43	Optimal integrated operation of reservoir-assisted stormwater treatment areas for estuarine habitat restoration. Environmental Modelling and Software, 2012, 38, 271-282.	1.9	13
44	Ecological effects of nitrogen and sulfur air pollution in the US: what do we know?. Frontiers in Ecology and the Environment, 2012, 10, 365-372.	1.9	157
45	Bottom-Up Versus Top-Down Control of Macroalgal Blooms. Ecological Studies, 2012, , 449-467.	0.4	9
46	Salt Marsh as a Coastal Filter for the Oceans: Changes in Function with Experimental Increases in Nitrogen Loading and Sea-Level Rise. PLoS ONE, 2012, 7, e38558.	1.1	93
47	Ecosystem metabolism in shallow coastal lagoons: patterns and partitioning of planktonic, benthic, and integrated community rates. Marine Ecology - Progress Series, 2012, 458, 21-38.	0.9	10
48	Eutrophication Assessment in Basque Estuaries: Comparing a North American and a European Method. Estuaries and Coasts, 2012, 35, 991-1006.	1.0	41
49	Intensity of Land Use in the Catchment Influences Ecosystem Functioning Along a Freshwater-Marine Continuum. Ecosystems, 2012, 15, 637-651.	1.6	26
50	Reduced river discharge intensifies phytoplankton bloom in Godavari estuary, India. Marine Chemistry, 2012, 132-133, 15-22.	0.9	85
51	Water quality assessment using satellite-derived chlorophyll-a within the European directives, in the southeastern Bay of Biscay. Marine Pollution Bulletin, 2012, 64, 739-750.	2.3	47
52	Fate of phosphorus fractions in an adsorptive-filter subject to intra- and inter-event runoff phenomena. Journal of Environmental Management, 2012, 103, 83-94.	3.8	11
53	Contrasting Growth Patterns of Suspension-Feeding Molluscs (Mercenaria mercenaria, Crassostrea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Peconic Estuary, NY, USA. Estuaries and Coasts, 2013, 36, 1274-1291.	1.0	19
54	Roads as nitrogen deposition hot spots. Biogeochemistry, 2013, 114, 149-163.	1.7	49
55	Biogeochemical responses to nutrient inputs in a Cuban coastal lagoon: runoff, anthropogenic, and groundwater sources. Environmental Monitoring and Assessment, 2013, 185, 10101-10114.	1.3	12
56	Improving management of a mid-Atlantic coastal barrier island through assessment of habitat condition. Estuarine, Coastal and Shelf Science, 2013, 116, 74-86.	0.9	11
58	Source characterization and spatio–temporal evolution of the metal pollution in the sediments of the Basque estuaries (Bay of Biscay). Marine Pollution Bulletin, 2013, 66, 25-38.	2.3	38
59	Modelling dissolved oxygen and benthic algae dynamics in a coastal ecosystem by exploiting real-time monitoring data. Estuarine, Coastal and Shelf Science, 2013, 119, 17-30.	0.9	12

#	Article	IF	Citations
60	Effects of fish farming on phytoplankton community under the thermal stress caused by a power plant in a eutrophic, semi-enclosed bay: Induce toxic dinoflagellate (Prorocentrum minimum) blooms in cold seasons. Marine Pollution Bulletin, 2013, 76, 315-324.	2.3	50
61	Dominance patterns in macroalgal and phytoplankton biomass under different nutrient loads in subtropical coastal lagoons of the SE Gulf of California. Marine Pollution Bulletin, 2013, 77, 274-281.	2.3	25
62	Changing eelgrass (Zostera marina L.) characteristics in a highly eutrophic temperate coastal lagoon. Aquatic Botany, 2013, 104, 70-79.	0.8	28
63	Evaluating nutrient impacts in urban watersheds: Challenges and research opportunities. Environmental Pollution, 2013, 173, 138-149.	3.7	154
64	Aureococcus anophagefferens growth potential affected by coastal water toxicants. Journal of Applied Phycology, 2013, 25, 145-152.	1.5	5
65	What are the potential drivers of blooms of the toxic dinoflagellate Karenia selliformis? A 10-year study in the Gulf of Gabes, Tunisia, southwestern Mediterranean Sea. Harmful Algae, 2013, 23, 8-18.	2.2	59
66	Simulating stream health sensitivity to landscape changes due to bioenergy crops expansion. Biomass and Bioenergy, 2013, 58, 198-209.	2.9	21
67	Do snails facilitate bloom-forming macroalgae in a eutrophic estuary?. Journal of Experimental Marine Biology and Ecology, 2013, 446, 253-261.	0.7	5
68	Assessment of the trophic status of four coastal lagoons and one estuarine delta, eastern Brazil. Environmental Monitoring and Assessment, 2013, 185, 3297-3311.	1.3	37
69	Co-occurring and opposing freshwater inflow effects on phytoplankton biomass, productivity and community composition of Galveston Bay, USA. Marine Ecology - Progress Series, 2013, 477, 61-76.	0.9	56
70	Phytoplankton composition indicators for the assessment of eutrophication in marine waters: Present state and challenges within the European directives. Marine Pollution Bulletin, 2013, 66, 7-16.	2.3	85
71	Climate-driven chlorophyll-a changes in a turbid estuary: Observations from satellites and implications for management. Remote Sensing of Environment, 2013, 130, 11-24.	4.6	70
72	Atmospheric influences on water quality: a simulation of nutrient loading for the Pearl River Basin, USA. Environmental Monitoring and Assessment, 2013, 185, 3467-3476.	1.3	5
73	Testing the usefulness of a simple automatic method for particles abundance and size determination to derive cost-effective biological indicators in large monitoring networks. Hydrobiologia, 2013, 704, 231-252.	1.0	14
74	Nutrient enrichment and N:P ratio decline in a coastal bay–river system in southeast China: The need for a dual nutrient (N and P) management strategy. Ocean and Coastal Management, 2013, 81, 7-13.	2.0	82
75	Exploring estuarine eutrophication sensitivity to nutrient loading. Limnology and Oceanography, 2013, 58, 569-578.	1.6	11
76	Vertical Dissolved Inorganic Nitrogen Fluxes in Marsh and Mudflat Areas of the Yangtze Estuary. Journal of Environmental Quality, 2014, 43, 745-752.	1.0	9
77	Spatial and historic variability of benthic nitrogen cycling in an anthropogenically impacted estuary. Frontiers in Marine Science, 2014, 1, .	1.2	23

#	ARTICLE	IF	CITATIONS
78	Trends in Levels of Allochthonous Dissolved Organic Carbon in Natural Water: A Review of Potential Mechanisms under a Changing Climate. Water (Switzerland), 2014, 6, 2862-2897.	1.2	80
79	Temporal pattern in the bloom-forming macroalgae Chaetomorpha linum and Ulva pertusa in seagrass beds, Swan Lake lagoon, North China. Marine Pollution Bulletin, 2014, 89, 229-238.	2.3	35
80	Harmful Elements in Estuarine and Coastal Systems. , 2014, , 37-83.		11
81	Warm-phase ENSO events modulate the continental freshwater input and the trophic state of sediments in a large South American estuary. Marine and Freshwater Research, 2014, 65, 1.	0.7	31
82	The effect of nutrient concentrations, nutrient ratios and temperature on photosynthesis and nutrient uptake by Ulva prolifera: implications for the explosion in green tides. Journal of Applied Phycology, 2014, 26, 537-544.	1.5	82
83	A review of strategies to monitor water and sediment quality for a sustainability assessment of marine environment. Environmental Science and Pollution Research, 2014, 21, 813-833.	2.7	77
84	Mind the Data Gap: Identifying and Assessing Drivers of Changing Eutrophication Condition. Estuaries and Coasts, 2014, 37, 198-221.	1.0	16
85	From Headwaters to Coast: Influence of Human Activities on Water Quality of the Potomac River Estuary. Aquatic Geochemistry, 2014, 20, 291-323.	1.5	66
86	Light requirements of seagrasses determined from historical records of light attenuation along the Gulf coast of peninsular Florida. Marine Pollution Bulletin, 2014, 81, 94-102.	2.3	23
87	Protecting the Green Behind the Gold: Catchment-Wide Restoration Efforts Necessary to Achieve Nutrient and Sediment Load Reduction Targets in Gold Coast City, Australia. Environmental Management, 2014, 54, 840-851.	1.2	10
88	Oyster Î´15N as a Bioindicator of Potential Wastewater and Poultry Farming Impacts and Degraded Water Quality in a Subestuary of Chesapeake Bay. Journal of Coastal Research, 2014, 297, 881-892.	0.1	6
89	Isotopic values in oysters indicate elemental sources constrained by multiple gradients. Ecological Indicators, 2014, 46, 101-109.	2.6	3
90	Modeling inorganic nutrient distributions among hydrologic gradients using multivariate approaches. Ecological Informatics, 2014, 24, 35-46.	2.3	16
91	Meta-analysis of Ecopath models reveals secondary productivity patterns across the Gulf of Mexico. Ocean and Coastal Management, 2014, 100, 32-40.	2.0	11
92	A Regional Survey of the Extent and Magnitude of Eutrophication in Mediterranean Estuaries of Southern California, USA. Estuaries and Coasts, 2014, 37, 259-278.	1.0	25
93	Extreme Eutrophication in Shallow Estuaries and Lagoons of California Is Driven by a Unique Combination of Local Watershed Modifications That Trump Variability Associated with Wet and Dry Seasons. Estuaries and Coasts, 2014, 37, 164-179.	1.0	17
94	Eutrophication-Driven Shifts in Primary Producers in Shallow Coastal Systems: Implications for System Functional Change. Estuaries and Coasts, 2014, 37, 180-197.	1.0	28
95	Thresholds of Adverse Effects of Macroalgal Abundance and Sediment Organic Matter on Benthic Habitat Quality in Estuarine Intertidal Flats. Estuaries and Coasts, 2014, 37, 1532-1548.	1.0	29

#	Article	IF	Citations
96	A Role for Shellfish Aquaculture in Coastal Nitrogen Management. Environmental Science & Technology, 2014, 48, 2519-2525.	4.6	90
97	Exploring impacts of development and climate change on stormwater runoff. Hydrological Processes, 2014, 28, 2844-2854.	1.1	17
98	Remote sensing and GIS for the modeling of persistent organic pollutant in the marine environment. , 2014, , .		2
99	Urea persistence in floodwater and soil used for flooded rice production. Soil Use and Management, 2014, 30, 463-470.	2.6	7
100	Interactions of Soils and Land Uses with Water Quantity and Quality. , 2015, , 101-126.		3
101	Developing the First Operational Nutrient Observatory for Ecosystem, Climate, and Hazard Monitoring for NERACOOS. Marine Technology Society Journal, 2015, 49, 72-80.	0.3	4
102	Global change accelerates carbon assimilation by a wetland ecosystem engineer. Environmental Research Letters, 2015, 10, 115006.	2.2	57
103	Nitrogenous Nutrients Promote the Growth and Toxicity of Dinophysis acuminata during Estuarine Bloom Events. PLoS ONE, 2015, 10, e0124148.	1.1	47
104	Bioprospecting of microalgae for integrated biomass production and phytoremediation of unsterilized wastewater and anaerobic digestion centrate. Applied Microbiology and Biotechnology, 2015, 99, 6139-6154.	1.7	107
105	Cyanobacteria blooms and non-alcoholic liver disease: evidence from a county level ecological study in the United States. Environmental Health, 2015, 14, 41.	1.7	78
106	Dynamics of dissolved organic carbon and total dissolved nitrogen in Maryland's coastal bays. Estuarine, Coastal and Shelf Science, 2015, 164, 451-462.	0.9	9
107	Carbon and nitrogen isotope ratios of juvenile winter flounder as indicators of inputs to estuarine systems. Marine Pollution Bulletin, 2015, 101, 624-631.	2.3	9
108	Are large macroalgal blooms necessarily bad? nutrient impacts on seagrass in upwelling-influenced estuaries. , 2015, 25, 1330-1347.		20
109	A small-scale test of the species-energy hypothesis in a southern California estuary. Journal of Experimental Marine Biology and Ecology, 2015, 464, 35-43.	0.7	1
110	Inorganic nitrogen exchange across the sediment–water interface in the eastern Chongming tidal flat of the Yangtze Estuary. Environmental Earth Sciences, 2015, 74, 2173-2184.	1.3	18
111	Vulnerability and adaptation of US shellfisheries to ocean acidification. Nature Climate Change, 2015, 5, 207-214.	8.1	265
112	Relation between inherent optical properties and land use and land cover across <scp>G</scp>ulf <scp>C</scp>oast estuaries. Limnology and Oceanography, 2015, 60, 920-933.	1.6	27
113	Is there a possibility of ranking benthic quality assessment indices to select the most responsive to different human pressures?. Marine Pollution Bulletin, 2015, 97, 85-94.	2.3	106

#	Article	IF	Citations
114	Comparative ecophysiology of bloom-forming macroalgae in the Indian River Lagoon, Florida: Ulva lactuca, Hypnea musciformis, and Gracilaria tikvahiae. Journal of Experimental Marine Biology and Ecology, 2015, 471, 208-216.	0.7	23
115	Physio-ecological responses of Patagonian coastal marine phytoplankton in a scenario of global change: Role of acidification, nutrients and solar UVR. Marine Chemistry, 2015, 177, 411-420.	0.9	20
116	Marine Oxygen-Deficient Zones Harbor Depauperate Denitrifying Communities Compared to Novel Genetic Diversity in Coastal Sediments. Microbial Ecology, 2015, 70, 311-321.	1.4	10
117	Seasonal Water Column NH4 + Cycling Along a Semi-arid Sub-tropical Riverâ€"Estuary Continuum: Responses to Episodic Events and Drought Conditions. Ecosystems, 2015, 18, 792-812.	1.6	19
118	Influence of wind and river discharge on the hypoxia in a shallow bay. Ocean Dynamics, 2015, 65, 665-678.	0.9	21
119	Permeable Reactive Barriers Designed To Mitigate Eutrophication Alter Bacterial Community Composition and Aquifer Redox Conditions. Applied and Environmental Microbiology, 2015, 81, 7114-7124.	1.4	21
120	Land use and nitrogen loading in seven estuaries along the southern Gulf of St. Lawrence, Canada. Estuarine, Coastal and Shelf Science, 2015, 165, 137-148.	0.9	29
121	Community-Level and Species-Specific Associations between Phytoplankton and Particle-Associated Vibrio Species in Delaware's Inland Bays. Applied and Environmental Microbiology, 2015, 81, 5703-5713.	1.4	56
123	Towards the classification of eutrophic condition in estuaries. Estuarine, Coastal and Shelf Science, 2015, 164, 221-232.	0.9	68
124	A spatial assessment of baseline nutrient and water quality values in the Ashepooâ€"Combaheeâ€"Edisto (ACE) Basin, South Carolina, USA. Marine Pollution Bulletin, 2015, 99, 332-337.	2.3	6
125	Changes in the water quality conditions of Kuwait's marine waters: Long term impacts of nutrient enrichment. Marine Pollution Bulletin, 2015, 100, 607-620.	2.3	55
126	Effect of phytoplankton size classes on bio-optical properties of phytoplankton in the Western Iberian coast: Application of models. Remote Sensing of Environment, 2015, 156, 537-550.	4.6	21
127	Comparative analysis of modeled nitrogen removal by shellfish farms. Marine Pollution Bulletin, 2015, 91, 185-190.	2.3	50
128	Factors Controlling Blooms of Microalgae and Macroalgae (Ulva rigida) in a Eutrophic, Urban Estuary: Jamaica Bay, NY, USA. Estuaries and Coasts, 2015, 38, 519-533.	1.0	51
129	Climate Change and Watershed Hydrologyâ€"Heavier Precipitation Influence on Stormwater Runoff. Geosciences (Switzerland), 2016, 6, 34.	1.0	9
130	Using algal biomass to evaluate numeric nutrient criteria in an estuary: A case study of Daliaohe Estuary in China. Ecological Indicators, 2016, 70, 373-381.	2.6	7
131	Changes in water quality and the phytoplankton community associated with tilapia cage farming in tropical lakes. Aquatic Living Resources, 2016, 29, 403.	0.5	7
132	Eelgrass and Macroalgal Mapping to Develop Nutrient Criteria in New Hampshire's Estuaries using Hyperspectral Imagery. Journal of Coastal Research, 2016, 76, 209-218.	0.1	9

#	Article	IF	Citations
133	Elevated <scp>CO</scp>₂ promotes long‐term nitrogen accumulation only in combination with nitrogen addition. Global Change Biology, 2016, 22, 391-403.	4.2	21
134	The influence of nitrogen and phosphorus on phytoplankton growth and assemblage composition in four coastal, southeastern USA systems. Estuarine, Coastal and Shelf Science, 2016, 177, 71-82.	0.9	47
135	Nutrient estimation by HJ-1 satellite imagery of Xiangxi Bay, Three Gorges Reservoir, China. Environmental Earth Sciences, 2016, 75, 1.	1.3	12
136	Copepod, Ctenophore, and Schyphomedusae Control in Structuring the Chesapeake Bay Summer Mesohaline Planktonic Food Web. , 2016, , 273-283.		0
137	First steps of ecological restoration in Mediterranean lagoons: Shifts in phytoplankton communities. Estuarine, Coastal and Shelf Science, 2016, 180, 190-203.	0.9	47
138	Aquatic Microbial Ecology and Biogeochemistry: A Dual Perspective. , 2016, , .		5
139	Patterns of diel variation in nitrate concentrations in the Potomac River. Freshwater Science, 2016, 35, 1117-1132.	0.9	14
140	A review of microalgae as indicators in South African estuaries. South African Journal of Botany, 2016, 107, 12-20.	1.2	41
141	Coast‐Wide Nursery Contribution of New Recruits to the Population of Atlantic Menhaden. Transactions of the American Fisheries Society, 2016, 145, 627-636.	0.6	4
142	Nitrogen to phosphorus ratio in the Venice (Italy) Lagoon (2001â€"2010) and its relation to macroalgae. Marine Chemistry, 2016, 180, 33-41.	0.9	12
143	Records of bulk organic matter and plant pigments in sediment of the â€œred-tide zoneâ€•adjacent to the Changjiang River estuary. Chinese Journal of Oceanology and Limnology, 2016, 34, 915-927.	0.7	4
144	Estimating ammonium and nitrate load from septic systems to surface water bodies within ArcGIS environments. Journal of Hydrology, 2016, 532, 177-192.	2.3	10
145	Hybrid green infrastructure for reducing demands on urban water and energy systems: a New York City hypothetical case study. Journal of Environmental Studies and Sciences, 2016, 6, 77-89.	0.9	11
146	Variable Nitrification Rates Across Environmental Gradients in Turbid, Nutrient-Rich Estuary Waters of San Francisco Bay. Estuaries and Coasts, 2016, 39, 1050-1071.	1.0	66
147	Experiences from Ground, Coastal and Transitional Water Quality Monitoring. Handbook of Environmental Chemistry, 2016, , .	0.2	3
148	Selection of effective macroalgal species and tracing nitrogen sources on the different part of Yantai coast, China indicated by macroalgal Î´15N values. Science of the Total Environment, 2016, 542, 306-314.	3.9	18
149	Benthic-Pelagic Coupling in an Intertidal Mudflat in the BahÃa Blanca Estuary (SW Atlantic). Journal of Coastal Research, 2016, 319, 629-637.	0.1	13
150	Tampa Bay estuary: Monitoring long-term recovery through regional partnerships. Regional Studies in Marine Science, 2016, 4, 1-11.	0.4	26

#	ARTICLE	IF	CITATIONS
151	Growth, morphometrics and nutrient content of farmed eastern oysters, <i>Crassostrea virginica</i> (Gmelin), in New Hampshire, USA. Aquaculture Research, 2017, 48, 1525-1537.	0.9	17
152	Modelling the influence of changing climate in present and future marine eutrophication impacts from spring barley production. Journal of Cleaner Production, 2017, 140, 537-546.	4.6	10
153	Decadal Changes in Water Quality and Net Productivity of a Shallow Danish Estuary Following Significant Nutrient Reductions. Estuaries and Coasts, 2017, 40, 63-79.	1.0	48
154	Nutrient flows and related impacts between a Mediterranean river and the associated coastal area. Continental Shelf Research, 2017, 134, 1-14.	0.9	22
155	Nitrogen isotopic characterisation of macroalgae blooms from different sites within a subtropical bay in the Gulf of California. Marine Pollution Bulletin, 2017, 116, 130-136.	2.3	15
156	Effect of seasonal flushing on nutrient export characteristics of an urbanizing, remote, ungauged coastal catchment. Hydrological Sciences Journal, 2017, 62, 800-817.	1.2	9
157	Exceptionally high organic nitrogen concentrations in a semi-arid South Texas estuary susceptible to brown tide blooms. Estuarine, Coastal and Shelf Science, 2017, 188, 27-37.	0.9	44
158	Real-time eutrophication status evaluation of coastal waters using support vector machine with grid search algorithm. Marine Pollution Bulletin, 2017, 119, 307-319.	2.3	34
159	The role of algae and cyanobacteria in the production and release of odorants in water. Environmental Pollution, 2017, 227, 252-262.	3.7	118
160	A spatial model to improve site selection for seagrass restoration in shallow boating environments. Journal of Environmental Management, 2017, 186, 42-54.	3.8	11
161	Functional structure of algal mat (Cladophora glomerata) in a freshwater in western Poland. Ecological Indicators, 2017, 74, 1-9.	2.6	19
162	An evaluation of the sustainability of onsite wastewater treatment systems for nutrient management. Water Research, 2017, 121, 186-196.	5.3	28
163	Eutrophication decreases salt marsh resilience through proliferation of algal mats. Biological Conservation, 2017, 212, 1-11.	1.9	54
164	Water quality before and after watershed-scale implementation of stormwater wet ponds in the coastal plain. Ecological Engineering, 2017, 105, 240-251.	1.6	26
165	Nutrients and phytoplankton in semienclosed lagoon systems in Florida Bay and their responses to changes in flow from Everglades restoration. Limnology and Oceanography, 2017, 62, S327.	1.6	21
166	A Bayesian network approach to determine environmental factors controlling Karenia selliformis occurrences and blooms in the Gulf of GabÃ¨s, Tunisia. Harmful Algae, 2017, 63, 119-132.	2.2	26
167	Macrophyte community response to nitrogen loading and thermal stressors in rapidly flushed mesocosm systems. Journal of Experimental Marine Biology and Ecology, 2017, 497, 107-119.	0.7	9
168	Abiotic characteristics and microalgal dynamics in South Africa's largest estuarine lake during a wet to dry transitional phase. Estuarine, Coastal and Shelf Science, 2017, 198, 236-248.	0.9	7

#	ARTICLE	IF	CITATIONS
169	Feeding, survival, and reproduction of two populations of Eurytemora (Copepoda) exposed to local toxic cyanobacteria. Journal of Great Lakes Research, 2017, 43, 1091-1100.	0.8	4
170	Spatial and temporal variability in macroalgal blooms in a eutrophied coastal estuary. Harmful Algae, 2017, 68, 82-96.	2.2	18
171	Nitrogen Losses in Sediments of the East China Sea: Spatiotemporal Variations, Controlling Factors, and Environmental Implications. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2699-2715.	1.3	60
172	Riverine discharges to Chesapeake Bay: Analysis of long-term (1927â€"2014) records and implications for future flows in the Chesapeake Bay basin. Journal of Environmental Management, 2017, 204, 246-254.	3.8	14
173	Biogeochemical generation of dissolved inorganic carbon and nitrogen in the North Branch of inner Changjiang Estuary in a dry season. Estuarine, Coastal and Shelf Science, 2017, 197, 136-149.	0.9	12
174	Trophic state indicators are a better predictor of Florida bass condition compared to temperature in Floridaâ€™s freshwater bodies. Environmental Biology of Fishes, 2017, 100, 1181-1192.	0.4	2
175	Response of the phytoplankton community to water quality in a local alpine glacial lake of Xinjiang Tianchi, China: potential drivers and management implications. Environmental Sciences: Processes and Impacts, 2017, 19, 1300-1311.	1.7	8
176	Modeling sources of nutrients in rivers draining into the Bay of Bengalâ€"a scenario analysis. Regional Environmental Change, 2017, 17, 2495-2506.	1.4	19
177	Eutrophication will increase during the 21st century as a result of precipitation changes. Science, 2017, 357, 405-408.	6.0	664
178	Estuaries and Lagoons. , 0, , 277-312.		0
179	Sediment Diatoms as Environmental Indicators in New Jersey Coastal Lagoons. Journal of Coastal Research, 2017, 78, 127-140.	0.1	26
180	Hydrological and biological processes modulate carbon, nitrogen and phosphorus flux from the St. Lawrence River to its estuary (Quebec, Canada). Biogeochemistry, 2017, 135, 251-276.	1.7	36
181	Cultivation of the Ribbed Mussel (<i>Geukensia demissa</i>) for Nutrient Bioextraction in an Urban Estuary. Environmental Science & Technology, 2017, 51, 13311-13318.	4.6	29
182	Photosynthesis and Growth of Temperate and Sub-Tropical Estuarine Phytoplankton in a Scenario of Nutrient Enrichment under Solar Ultraviolet Radiation Exposure. Estuaries and Coasts, 2017, 40, 842-855.	1.0	9
183	Variability of Mya arenaria growth along an environmental gradient in the Plum Island Sound estuary, Massachusetts, USA. Wetlands Ecology and Management, 2017, 25, 235-256.	0.7	0
184	Eutrophication and warming-driven green tides (Ulva rigida) are predicted to increase under future climate change scenarios. Marine Pollution Bulletin, 2017, 114, 439-447.	2.3	138
185	Links between contaminant hotspots in low flow estuarine systems and altered sediment biogeochemical processes. Estuarine, Coastal and Shelf Science, 2017, 198, 497-507.	0.9	10
186	Nutrients influence the thermal ecophysiology of an intertidal macroalga: multiple stressors or multiple drivers?. Ecological Applications, 2017, 27, 669-681.	1.8	15

#	Article	IF	Citations
187	Solid-state Ion Selective Lab Chip Sensor for On-site Measurement of Orthophosphate in Small Volumes of Liquid. Journal of Coastal Research, 2017, 79, 50-54.	0.1	5
188	The roles of resuspension, diffusion and biogeochemical processes on oxygen dynamics offshore of the RhÃ´ne River, France: a numerical modeling study. Biogeosciences, 2017, 14, 1919-1946.	1.3	37
189	Airâ€"water CO&lt;sub&gt;2&lt;/sub&gt; evasion from US East Coast estuaries. Biogeosciences, 2017, 14, 2441-2468.	1.3	27
190	Assessing the Impact of Local and Regional Influences on Nitrogen Loads to Buzzards Bay, MA. Frontiers in Marine Science, 0, 3, .	1.2	22
191	A Lab-On-Chip Phosphate Analyzer for Long-term In Situ Monitoring at Fixed Observatories: Optimization and Performance Evaluation in Estuarine and Oligotrophic Coastal Waters. Frontiers in Marine Science, 2017, 4, .	1.2	63
192	Physiological response of a golden tide alga (&lt;i&gt;Sargassum muticum&lt;/i&gt;) to the interaction of ocean acidification and phosphorus enrichment. Biogeosciences, 2017, 14, 671-681.	1.3	72
193	Evaluation of Animal Manure Composition for Protection ofÂSensitive Water Supplies Through Nutrient Recovery Processes. , 2017, , 469-509.		9
194	Tampa Bay (Florida, USA): Documenting Seagrass Recovery since the 1980â€™s and Reviewing the Benefits. Southeastern Geographer, 2017, 57, 294-319.	0.1	43
195	Assessment of atrazine toxicity to the estuarine phytoplankter, Dunaliella tertiolecta (Chlorophyta), under varying nutrient conditions. Environmental Science and Pollution Research, 2018, 25, 11409-11423.	2.7	11
196	Bioremediation and nutrient migration during blooms of<i>Ulva</i>in the Yellow Sea, China. Phycologia, 2018, 57, 223-231.	0.6	28
197	Longâ€term nutrient addition increases respiration and nitrous oxide emissions in a New England salt marsh. Ecology and Evolution, 2018, 8, 4958-4966.	0.8	23
198	The Interactive Effects of Elevated CO2 and Ammonium Enrichment on the Physiological Performances of Saccharina japonica (Laminariales, Phaeophyta). Ocean Science Journal, 2018, 53, 487-497.	0.6	9
199	Anthropogenic disturbance homogenizes seagrass fish communities. Global Change Biology, 2018, 24, 1904-1918.	4.2	44
200	Estimating nitrogen loading and far-field dispersal potential from background sources and coastal finfish aquaculture: A simple framework and case study in Atlantic Canada. Estuarine, Coastal and Shelf Science, 2018, 205, 46-57.	0.9	15
201	Nutrient bioextraction and microalgae growth inhibition using submerged macrophyte Myriophyllum spicatum in a low salinity area of East China Sea. Marine Pollution Bulletin, 2018, 127, 67-72.	2.3	17
202	Hierarchical modeling assessment of the influence of watershed stressors on fish and invertebrate species in Gulf of Mexico estuaries. Ecological Indicators, 2018, 90, 142-153.	2.6	7
203	Effects of ocean warming and acidification, combined with nutrient enrichment, on chemical composition and functional properties of Ulva rigida. Food Chemistry, 2018, 258, 71-78.	4.2	60
204	A new technique for rapid assessment of eutrophication status of coastal waters using a support vector machine. Journal of Oceanology and Limnology, 2018, 36, 249-262.	0.6	7

#	Article	IF	Citations
205	Semivariance analysis and transinformation entropy for optimal redesigning of nutrients monitoring network in San Francisco bay. Marine Pollution Bulletin, 2018, 129, 689-694.	2.3	8
206	Role of Shellfish Aquaculture in the Reduction of Eutrophication in an Urban Estuary. Environmental Science & Technology, 2018, 52, 173-183.	4.6	52
207	Microbial Nitrogen Cycling in Estuaries: From Genes to Ecosystem Processes. Estuaries and Coasts, 2018, 41, 626-660.	1.0	100
208	Chesapeake Bay Dissolved Oxygen Criterion Attainment Deficit: Three Decades of Temporal and Spatial Patterns. Frontiers in Marine Science, 2018, 5, .	1.2	12
209	Phosphorus Forms in Sediments of a River-Dominated Estuary. Frontiers in Marine Science, 2018, 5, .	1.2	20
210	The compromised health of coral at South Java Sea: Study area Prigi Bay. AIP Conference Proceedings, 2018, , .	0.3	2
211	Nitrogen regulation by natural systems in â€œunnaturalâ€•landscapes: denitrification in ultra-urban coastal ecosystems. Ecosystem Health and Sustainability, 2018, 4, 205-224.	1.5	14
212	The influences of nitrogen form and zooplankton grazing on phytoplankton assemblages in two coastal southeastern systems. Limnology and Oceanography, 2018, 63, 2523-2544.	1.6	14
213	Stormwater influences phytoplankton assemblages within the diverse, but impacted Sydney Harbour estuary. PLoS ONE, 2018, 13, e0209857.	1.1	12
214	Oxygen Consumption and Organic Matter Remineralization in Two Subtropical, Eutrophic Coastal Embayments. Environmental Science & Technology, 2018, 52, 13004-13014.	4.6	29
215	Recent Trends (2012â€“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
216	Dinoflagellate fossils: Geological and biological applications. Revue De Micropaleontologie, 2018, 61, 235-254.	0.8	20
217	Macroalgae as a tool for assessing the ecological status of coral reefs under the Water Framework Directive: A case study on the reef flats of La RÃ©union (Indian Ocean). Marine Pollution Bulletin, 2018, 137, 339-351.	2.3	11
218	An estuarine-tuned quasi-analytical algorithm (QAA-V): assessment and application to satellite estimates of SPM in Galveston Bay following Hurricane Harvey. Biogeosciences, 2018, 15, 4065-4086.	1.3	22
219	Imbalanced nutrient regimes increase Prymnesium parvum resilience to herbicide exposure. Harmful Algae, 2018, 75, 57-74.	2.2	9
220	Chesapeake Bay's water quality condition has been recovering: Insights from a multimetric indicator assessment of thirty years of tidal monitoring data. Science of the Total Environment, 2018, 637-638, 1617-1625.	3.9	61
221	Responses of phytoplankton community to eutrophication in Semerak Lagoon (Malaysia). Environmental Science and Pollution Research, 2018, 25, 22944-22962.	2.7	17
222	Assessment of trophic state and water quality of coastal-inland lakes based on Fuzzy Inference System. Journal of Great Lakes Research, 2018, 44, 1010-1025.	0.8	17

#	ARTICLE	IF	CITATIONS
223	Nitrogen cycling in Sandusky Bay, Lake Erie: oscillations between strong and weak export and implications for harmful algal blooms. Biogeosciences, 2018, 15, 2891-2907.	1.3	34
224	Biology of Freshwater Macroalgae and Their Distribution. , 2018, , 17-31.		3
225	Algae Biomass: Characteristics and Applications. , 2018, , .		13
226	Impacts of green tides on estuarine fish assemblages. Estuarine, Coastal and Shelf Science, 2018, 213, 176-184.	0.9	9
227	Habitat assessment of a restored oyster reef in South Texas. Ecological Engineering, 2018, 122, 48-61.	1.6	20
228	Chattonella subsalsa (Raphidophyceae) growth and hemolytic activity in response to agriculturally-derived estuarine contaminants. Harmful Algae, 2018, 76, 66-79.	2.2	7
231	Eutrophication. , 2019, , 86-90.		21
232	Ecosystem Health Indicatorsâ€"Freshwater Environments. , 2019, , 46-60.		5
233	Nitrate addition stimulates microbial decomposition of organic matter in salt marsh sediments. Global Change Biology, 2019, 25, 3224-3241.	4.2	61
234	The Effects of Urbanization and Retentionâ€Based Stormwater Management on Coastal Plain Stream Nutrient Export. Water Resources Research, 2019, 55, 7027-7046.	1.7	17
235	Shallow Water Muddy Sands of the North-West Atlantic Ocean. , 2019, , 128-163.		0
236	Effects of rainfall-runoff pollution on eutrophication in coastal zone: a case study in Shenzhen Bay, southern China. Hydrology Research, 2019, 50, 1062-1075.	1.1	17
237	Temporal Variability in Nitrateâ€Discharge Relationships in Large Rivers as Revealed by Highâ€Frequency Data. Water Resources Research, 2019, 55, 973-989.	1.7	39
238	Past, Present and Future Eutrophication Status of the Baltic Sea. Frontiers in Marine Science, 2019, 6, .	1.2	78
239	Is Submarine Groundwater Discharge (SGD) Important for the Historical Fish Kills and Harmful Algal Bloom Events of Mobile Bay?. Estuaries and Coasts, 2019, 42, 470-493.	1.0	22
240	Estuarine Sediments Exhibit Dynamic and Variable Biogeochemical Responses to Hypoxia. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 737-758.	1.3	26
241	Coupled effects of anthropogenic nutrient sources and meteo-oceanographic events in the trophic state of a subtropical estuarine system. Estuarine, Coastal and Shelf Science, 2019, 225, 106228.	0.9	12
242	Estuarine Dissolved Oxygen History Inferred from Sedimentary Trace Metal and Organic Matter Preservation. Estuaries and Coasts, 2019, 42, 1211-1225.	1.0	4

#	ARTICLE	IF	CITATIONS
243	Anthropogenic impact on nitrification dynamics in coastal waters of the Mediterranean Sea. Marine Pollution Bulletin, 2019, 145, 14-22.	2.3	6
244	An increase in new *Sargassum* (Phaeophyceae) blooms along the coast of the East China Sea and Yellow Sea. Phycologia, 2019, 58, 374-381.	0.6	21
245	Modeling phosphorus reduction strategies from the international St. Clair-Detroit River system watershed. Journal of Great Lakes Research, 2019, 45, 742-751.	0.8	15
246	Implications of poor-regulated wastewater treatment systems in the water quality and nutrient fluxes of a subtropical coastal lagoon. Regional Studies in Marine Science, 2019, 29, 100672.	0.4	12
247	Widespread detection of Candidatus Accumulibacter phosphatis, a polyphosphate‐accumulating organism, in sediments of the Columbia River estuary. Environmental Microbiology, 2019, 21, 1369-1382.	1.8	13
248	Societal decisions about climate mitigation will have dramatic impacts on eutrophication in the 21st century. Nature Communications, 2019, 10, 939.	5.8	61
249	Barriers and Bridges in Abating Coastal Eutrophication. Frontiers in Marine Science, 2019, 6, .	1.2	113
250	Spatial variations in Chlorophyll a, C, N, and P in a Louisiana estuary from 1994 to 2016. Hydrobiologia, 2019, 834, 131-144.	1.0	22
251	Hypoxic volume is more responsive than hypoxic area to nutrient load reductions in the northern Gulf of Mexico†and it matters to fish and fisheries. Environmental Research Letters, 2019, 14, 024012.	2.2	16
252	The influence of anthropogenic organic matter and nutrient inputs on the food web structure in a coastal lagoon receiving agriculture and shrimp farming effluents. Science of the Total Environment, 2019, 664, 635-646.	3.9	21
253	Extreme weather events modulate processing and export of dissolved organic carbon in the Neuse River Estuary, NC. Estuarine, Coastal and Shelf Science, 2019, 219, 189-200.	0.9	23
254	Interactive effects of global warming and eutrophication on a fast-growing Mediterranean seagrass. Marine Environmental Research, 2019, 145, 27-38.	1.1	50
255	Modeling the effect of water quality on the recreational shellfishing cultural ecosystem service of Buzzards Bay, Massachusetts. Marine Pollution Bulletin, 2019, 140, 364-373.	2.3	6
256	Comparison of Support Vector Machine and Gradient Boosting Regression Tree for Predicting Spatially Explicit Life Cycle Global Warming and Eutrophication Impacts: A case study in corn production. , 2019, , .		7
257	Nitrogen Treatment in Soil Beneath High-Flow and Low-Flow Onsite Wastewater Systems. Journal of Sustainable Water in the Built Environment, 2019, 5, 04019006.	0.9	2
258	Major role of ammonia-oxidizing bacteria in N_2O production in the Pearl River estuary. Biogeosciences, 2019, 16, 4765-4781.	1.3	17
259	An Environmental Assessment of the North and South Carolina Coasts. , 2019, , 405-426.		3
260	A Review of Water Quality Responses to Air Temperature and Precipitation Changes 2: Nutrients, Algal Blooms, Sediment, Pathogens. Journal of the American Water Resources Association, 2019, 55, 844-868.	1.0	54

#	Article	IF	Citations
261	Modeling the biogeochemical functioning of the Seine estuary and its coastal zone: Export, retention, and transformations. Limnology and Oceanography, 2019, 64, 895-912.	1.6	15
262	Position of the Society for Nutrition Education and Behavior: The Importance of Including Environmental Sustainability in Dietary Guidance. Journal of Nutrition Education and Behavior, 2019, 51, 3-15.e1.	0.3	107
263	Nitrogen fixation and carbon uptake in a tropical estuarine system of Goa, western India. Journal of Sea Research, 2019, 144, 16-21.	0.6	5
264	Linking eutrophication indicators in eelgrass habitats to nitrogen loading and mitigating site characteristics in eastern New Brunswick, Canada. Marine Environmental Research, 2019, 144, 141-153.	1.1	9
265	Decreased atmospheric nitrogen deposition in eastern North America: Predicted responses of forest ecosystems. Environmental Pollution, 2019, 244, 560-574.	3.7	133
266	A global review of the ecosystem services provided by bivalve aquaculture. Reviews in Aquaculture, 2020, 12, 3-25.	4.6	210
267	Nitrogen Enrichment Accelerates Mangrove Range Expansion in the Temperate–Tropical Ecotone. Ecosystems, 2020, 23, 703-714.	1.6	32
268	Nutrient over-enrichment and light limitation of seagrass communities in the Indian River Lagoon, an urbanized subtropical estuary. Science of the Total Environment, 2020, 699, 134068.	3.9	65
269	Cyanobacterial blooms modify food web structure and interactions in western Lake Erie. Harmful Algae, 2020, 92, 101586.	2.2	27
270	Macroalgal mats in a eutrophic estuarine marine protected area. , 2020, , 703-727.		1
271	Biogeochemistry of dissolved inorganic nutrients in an oligotrophic coastal mariculture region of the northern Shandong Peninsula, north Yellow Sea. Marine Pollution Bulletin, 2020, 150, 110693.	2.3	43
272	The development of a national approach to monitoring estuarine health based on multivariate analysis. Marine Pollution Bulletin, 2020, 150, 110602.	2.3	9
273	Towards a marine strategy for the deep Mediterranean Sea: Analysis of current ecological status. Marine Policy, 2020, 112, 103781.	1.5	46
274	Kelp cultivation effectively improves water quality and regulates phytoplankton community in a turbid, highly eutrophic bay. Science of the Total Environment, 2020, 707, 135561.	3.9	46
275	Investigating ammonia emissions in a coastal urban airshed using stable isotope techniques. Science of the Total Environment, 2020, 707, 134952.	3.9	33
276	Removal of Phosphate from Aqueous Solutions Using Chemically Synthesized Vaterite Polymorph of Porous Calcium Carbonate Nanoparticles under Optimized Conditions. Journal of Nanomaterials, 2020, 2020, 1-15.	1.5	10
277	Urea Inputs Drive Picoplankton Blooms in Sarasota Bay, Florida, U.S.A.. Water (Switzerland), 2020, 12, 2755.	1.2	9
278	Ecosystem health and human wealth – A comparison of sub-Saharan African Large Marine Ecosystems. Environmental Development, 2020, 36, 100551.	1.8	6

#	Article	IF	Citations
279	Environmental DNA metabarcoding reveals estuarine benthic community response to nutrient enrichment â€" Evidence from an in-situ experiment. Environmental Pollution, 2020, 267, 115472.	3.7	25
280	Long-term changes in summer phytoplankton communities and their influencing factors in Daya Bay, China (1991â€"2017). Marine Pollution Bulletin, 2020, 161, 111694.	2.3	23
281	Hydro-biogeochemical processes and nitrogen removal potential of a tidally influenced permeable reactive barrier behind a perforated marine bulkhead. Ecological Engineering, 2020, 155, 105933.	1.6	4
282	Quantification and Valuation of Nitrogen Removal Services Provided by Commercial Shellfish Aquaculture at the Subwatershed Scale. Environmental Science & Technology, 2020, 54, 16156-16165.	4.6	7
283	Spatiotemporal river flux and composition of nutrients affecting adjacent coastal water quality in Hainan Island, China. Journal of Hydrology, 2020, 591, 125293.	2.3	34
284	Acidification in the U.S. Southeast: Causes, Potential Consequences and the Role of the Southeast Ocean and Coastal Acidification Network. Frontiers in Marine Science, 2020, 7, 1-548.	1.2	222
285	Water masses seasonality and meteorological patterns drive the biogeochemical processes of a subtropical and urbanized watershed-bay-shelf continuum. Science of the Total Environment, 2020, 749, 141553.	3.9	14
286	Freshwater Sediment Microbial Communities Are Not Resilient to Disturbance From Agricultural Land Runoff. Frontiers in Microbiology, 2020, 11, 539921.	1.5	21
287	Recurrent pattern of picophytoplankton dynamics in estuaries around the world: The case of RÃo de la Plata. Marine Environmental Research, 2020, 161, 105136.	1.1	5
288	An assessment of trends in the frequency and duration of Karenia brevis red tide blooms on the South Texas coast (western Gulf of Mexico). PLoS ONE, 2020, 15, e0239309.	1.1	18
289	The Shallow and Deep Hypothesis: Subsurface Vertical Chemical Contrasts Shape Nitrate Export Patterns from Different Land Uses. Environmental Science & Technology, 2020, 54, 11915-11928.	4.6	67
290	Using a naive Bayes classifier to explore the factors driving the harmful dinoflagellate Karenia selliformis blooms in a southeastern Mediterranean lagoon. Ocean Dynamics, 2020, 70, 897-911.	0.9	7
291	Managing nutrient pollution in Venice Lagoon (Italy): a practical tool for assessment of water quality. Sustainable Water Resources Management, 2020, 6, 1.	1.0	10
292	Lethal effect of filamentous algal blooms on Atlantic herring (<scp><i>Clupea harengus</i></scp>) eggs in the Baltic Sea. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1362-1372.	0.9	11
293	Incorporation of Cochlodinium bloom-derived organic matter into a temperate subtidal macrobenthic food web as traced by stable isotopes. Marine Pollution Bulletin, 2020, 154, 111053.	2.3	9
294	Methodology for forecast and control of coastal harmful algal blooms by embedding a compound eutrophication index into the ecological risk index. Science of the Total Environment, 2020, 735, 139404.	3.9	12
295	Integrating outcomes of IUCN red list of ecosystems assessments for connected coastal wetlands. Ecological Indicators, 2020, 116, 106489.	2.6	18
296	Achieving the sustainable development goals in agriculture: The crucial role of nitrogen in cereal-based systems. Advances in Agronomy, 2020, , 39-116.	2.4	67

#	ARTICLE	IF	CITATIONS
297	Nutrient Attenuation in Streams: A Simplified Model to Explain Field Observations. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	4
298	Biotic vs. abiotic forcing on plankton assemblages varies with season and size class in a large temperate estuary. Journal of Plankton Research, 2020, 42, 221-237.	0.8	6
299	Comparing Machine Learning Approaches for Predicting Spatially Explicit Life Cycle Global Warming and Eutrophication Impacts from Corn Production. Sustainability, 2020, 12, 1481.	1.6	17
300	Nutrient attenuation in a shallow, gravel-bed river. II. Spatial and temporal changes in nitrogen dynamics and community metabolism. New Zealand Journal of Marine and Freshwater Research, 2020, 54, 410-430.	0.8	3
301	Geochemical and hydrological study of coastal groundwater discharging to an urban estuary in northern New Jersey. Environmental Earth Sciences, 2020, 79, 1.	1.3	6
302	The importance of climatic variability and human influence in driving aspects of temporarily openâ€closed estuaries. Ecohydrology, 2020, 13, e2205.	1.1	5
303	Using grey clustering to evaluate nitrogen pollution in estuaries with limited data. Science of the Total Environment, 2020, 722, 137964.	3.9	9
304	Chlorophyllâ€"Nutrient Relationships of an Artificial Inland Lagoon Equipped with Seawater Replenishment System in the Northern Red Sea (Gulf of Aqaba). Journal of Marine Science and Engineering, 2020, 8, 147.	1.2	2
305	Impacts of Hurricane Disturbance on Water Quality across the Aquatic Continuum of a Blackwater River to Estuary Complex. Journal of Marine Science and Engineering, 2020, 8, 412.	1.2	11
306	Using qualitative network models to assess the influence of mussel culture on ecosystem dynamics. Ecological Modelling, 2020, 430, 109070.	1.2	7
307	Bivalve Feeding Responses to Microalgal Bloom Species in the Indian River Lagoon: the Potential for Top-Down Control. Estuaries and Coasts, 2020, 43, 1519-1532.	1.0	15
308	Nutrient enrichment as a threat to the ecological resilience and health of South African microtidal estuaries. African Journal of Aquatic Science, 2020, 45, 23-40.	0.5	54
309	Lanthanum modified bentonite behaviour and efficiency in adsorbing phosphate in saline waters. Chemosphere, 2020, 249, 126131.	4.2	38
310	Moving Toward an Agenda on Ocean Health and Human Health in Europe. Frontiers in Marine Science, 2020, 7, .	1.2	68
311	Growth and nutrient uptake of Myriophyllum spicatum under different nutrient conditions and its potential ecosystem services in an enclosed sea area in the East China Sea. Marine Pollution Bulletin, 2020, 151, 110801.	2.3	2
312	Water quality trends in Texas estuaries. Marine Pollution Bulletin, 2020, 152, 110903.	2.3	37
313	Distribution and potential toxicity of benthic harmful dinoflagellates in waters of Florida Bay and the Florida Keys. Marine Environmental Research, 2020, 155, 104891.	1.1	18
314	Carbon Deposition and Burial in Estuarine Sediments of the Contiguous United States. Global Biogeochemical Cycles, 2020, 34, e2019GB006376.	1.9	8

#	Article	IF	Citations
315	Impact of human activities on phosphorus flows on an early eutrophic plateau: A case study in Southwest China. Science of the Total Environment, 2020, 714, 136851.	3.9	19
316	Nutrient attenuation in a shallow, gravel-bed river. I. *In-situ* chamber experiments. New Zealand Journal of Marine and Freshwater Research, 2020, 54, 393-409.	0.8	2
317	Effects of maternal phosphorus deficiency on reproductive allocation of the copepod Pseudodiaptomus annandalei Sewell, 1919. Hydrobiologia, 2020, 847, 2035-2048.	1.0	4
318	Eutrophication Induction Via N/P and P/N Ratios Under Controlled Conditionsâ€"Effects of Temperature and Water Sources. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	16
319	Macroalgal blooms caused by marine nutrient changes resulting from human activities. Journal of Applied Ecology, 2020, 57, 766-776.	1.9	26
320	Removal of seston by Crassostrea rhizophorae (Guilding, 1828) in the VitÃ³ria bay estuarine system, Brazil. Ecohydrology and Hydrobiology, 2021, 21, 200-209.	1.0	0
321	Seabed Resuspension in the Chesapeake Bay: Implications for Biogeochemical Cycling and Hypoxia. Estuaries and Coasts, 2021, 44, 103-122.	1.0	20
322	Nutrient Subsidies to Southern California Estuaries Can Be Characterized as Pulse-Interpulse Regimes that May Be Dampened with Extreme Eutrophy. Estuaries and Coasts, 2021, 44, 867-874.	1.0	2
323	Characterization of domestic wastewater released from â€˜greenâ€™ households and field study of the performance of onsite septic tanks retrofitted into aerobic bioreactors in cold climate. Science of the Total Environment, 2021, 755, 142446.	3.9	9
324	Integrating micro-algae into wastewater treatment: A review. Science of the Total Environment, 2021, 752, 142168.	3.9	375
325	Timescales and Magnitude of Water Quality Change in Three Texas Estuaries Induced by Passage of Hurricane Harvey. Estuaries and Coasts, 2021, 44, 960-971.	1.0	16
326	Ecosystem structure and resilience of the Florida Bay Estuary: an original ecosystem model with implications for everglades restoration. Marine and Freshwater Research, 2021, 72, 563.	0.7	8
327	Growth inhibitory effect of dissolved organic matter from fresh free-floating Ulva spp. fronds on asari clam Ruditapes philippinarum. Fisheries Science, 2021, 87, 211-221.	0.7	0
328	From coast to coast to coast: ecology and management of seagrass ecosystems across Canada. Facets, 2021, 6, 139-179.	1.1	28
329	Effects of <i>Microcystis aeruginosa</i> on New Jersey Aquatic Benthic Macroinvertebrates. Advances in Microbiology, 2021, 11, 165-180.	0.3	0
330	Seaweed: A Powerful Tool for Climate Change Mitigation That Provides Various Ecological Services. Springer Climate, 2021, , 159-192.	0.3	2
331	Climate Change Implications for Tidal Marshes and Food Web Linkages to Estuarine and Coastal Nekton. Estuaries and Coasts, 2021, 44, 1637-1648.	1.0	35
332	The influence of nutrient loading on methylmercury availability in Long Island estuaries. Environmental Pollution, 2021, 268, 115510.	3.7	11

#	Article	IF	Citations
333	Understanding Seasonal and Spatial Variation of Water Quality Parameters in Mangrove Estuary of the Nyong River Using Multivariate Analysis (Cameroon Southern Atlantic Coast). Open Journal of Marine Science, 2021, 11, 103-128.	0.3	10
334	Eutrophication and Public Health. , 2021, , 23-47.		0
335	Phytoplankton responses to solar UVR and its combination with nutrient enrichment in a plateau oligotrophic Lake Fuxian: a mesocosm experiment. Environmental Science and Pollution Research, 2021, 28, 29931-29944.	2.7	12
336	Phytoplankton Dynamics in a Low-Inflow Estuary (Baffin Bay, TX) During Drought and High-Rainfall Conditions Associated with an El NiÃ±o Event. Estuaries and Coasts, 2021, 44, 1752-1764.	1.0	21
337	Assessing Chlorophyll a Spatiotemporal Patterns Combining In Situ Continuous Fluorometry Measurements and Landsat 8/OLI Data across the Barataria Basin (Louisiana, USA). Water (Switzerland), 2021, 13, 512.	1.2	8
338	Greenhouse gas emissions (CO_2 and CH_4) and inorganic carbon behavior in an urban highly polluted tropical coastal lagoon (SE, Brazil). Environmental Science and Pollution Research, 2021, 28, 38173-38192.	2.7	17
339	Marine health of the Arabian Gulf: Drivers of pollution and assessment approaches focusing on desalination activities. Marine Pollution Bulletin, 2021, 164, 112085.	2.3	26
340	Local and meso-scale pressures in the eutrophication process of a coastal subtropical system: Challenges for effective management. Estuarine, Coastal and Shelf Science, 2021, 250, 107109.	0.9	4
342	An assessment of the temporal alterations in the trophic status and habitat heterogeneity of the anthropogenically influenced Bhagirathiâ€"Hooghly estuary in reference to phytoplankton community and environmental variables. Environmental Science and Pollution Research, 2021, 28, 48681-48705.	2.7	4
343	Coastal water bathymetry for critical zone management using regression tree models from Gaofen-6 imagery. Ocean and Coastal Management, 2021, 204, 105522.	2.0	9
344	Opportunities and Challenges for Including Oyster-Mediated Denitrification in Nitrogen Management Plans. Estuaries and Coasts, 2021, 44, 2041-2055.	1.0	15
345	The Role of Marshes in Coastal Nutrient Dynamics and Loss. , 2021, , 113-154.		2
346	Influence of land-derived stressors and environmental variability on compositional turnover and diversity of estuarine benthic communities. Marine Ecology - Progress Series, 2021, 666, 1-18.	0.9	7
347	Silicate marine electrochemical sensor. Sensors and Actuators B: Chemical, 2021, 335, 129705.	4.0	7
348	Examining sources and pathways of phosphorus transfer in a ditchâ€drained field. Journal of Environmental Quality, 2021, 50, 680-693.	1.0	1
349	Geochemical distribution and dynamics of sedimentary phosphorous fractions in Vembanad wetland ecosystem. Regional Studies in Marine Science, 2021, 44, 101717.	0.4	2
350	Groundwater contributions of flow and nitrogen in a headwater agricultural watershed. Hydrological Processes, 2021, 35, e14179.	1.1	4
351	Longâ€term declines and recovery of meadow area across the worldâ€™s seagrass bioregions. Global Change Biology, 2021, 27, 4096-4109.	4.2	165

#	ARTICLE	IF	CITATIONS
352	Management pathways for the successful reduction of nonpoint source nutrients in coastal ecosystems. Regional Studies in Marine Science, 2021, 45, 101851.	0.4	3
353	Effective Management of Closed Hypereutrophic Estuaries Requires Catchment-Scale Interventions. Frontiers in Marine Science, 2021, 8, .	1.2	16
354	Large variations in eutrophication among estuaries reflect massive differences in composition and biomass of macroalgal drift. Marine Pollution Bulletin, 2021, 167, 112330.	2.3	13
355	Benthic Community Assessment of Commercial Oyster (Crassostrea virginica) Gear in Delaware Inland Bays. Sustainability, 2021, 13, 6480.	1.6	0
356	High-Frequency Concurrent Measurements in Watershed and Impaired Estuary Reveal Coupled DOC and Decoupled Nitrate Dynamics. Estuaries and Coasts, 2022, 45, 445-461.	1.0	0
357	Morphological Assessment of the Eastern Oyster *Crassostrea virginica* throughout the Gulf of Mexico. Marine and Coastal Fisheries, 2021, 13, 309-319.	0.6	5
358	Distribution and Activity of Ammonia-Oxidizers on the Size-Fractionated Particles in the Pearl River Estuary. Frontiers in Marine Science, 2021, 8, .	1.2	3
359	Phosphorus recovery by Donnan dialysis: Membrane selectivity, diffusion coefficients, and speciation effects. Chemical Engineering Journal, 2021, 419, 129626.	6.6	11
360	Long-Term Assessment of Surface Water Quality in a Highly Managed Estuary Basin. International Journal of Environmental Research and Public Health, 2021, 18, 9417.	1.2	5
361	Prediction of harmful algal blooms in large water bodies using the combined EFDC and LSTM models. Journal of Environmental Management, 2021, 295, 113060.	3.8	50
362	Environmental effects on zooplankton dynamics of a shallow Mediterranean coastal lagoon (October 2020â€"March 2021). Regional Studies in Marine Science, 2021, 48, 102001.	0.4	2
363	Vulnerability of municipal solid waste: An emerging threat to aquatic ecosystems. Chemosphere, 2022, 287, 132223.	4.2	26
364	The Intertidal Soft-Bottom Macrobenthic Invertebrates. , 2021, , 179-213.		2
365	Distribution and origin of sedimentary organic matter in an eutrophic estuary: Pina Sound â€" NE Brazil. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190638.	0.3	4
366	Nutrient Bioextraction. , 2015, , 1-33.		15
367	Diseases and Mortalities of Fishes and Other Animals in The Gulf of Mexico. , 2017, , 1589-1738.		13
368	Assessment of Nutrient Trading Services from Bivalve Farming. , 2019, , 551-584.		6
369	A screening model for assessing water quality in small, dynamic estuaries. Ocean and Coastal Management, 2017, 146, 1-14.	2.0	13

#	Article	IF	Citations
370	Sources and Fates of Nitrogen in Virginia Coastal Bays. Marine Science, 2010, , 43-72.	0.5	22
372	Gross Nitrogen Mineralization in Surface Sediments of the Yangtze Estuary. PLoS ONE, 2016, 11, e0151930.	1.1	24
373	Biomonitoring along the Tropical Southern Indian Coast with Multiple Biomarkers. PLoS ONE, 2016, 11, e0154105.	1.1	11
374	Study of the seasonality and hydrology as drivers of phytoplankton abundance and composition in a shallow estuary, Weeks Bay, Alabama (USA). Journal of Aquaculture & Marine Biology, 2019, 8, .	0.2	5
376	Phytoplankton Community Structure Based on Photopigment Markers in a Mid-Atlantic U.S. Coastal Lagoon: Significance for Hard-Clam Production. Journal of Coastal Research, 2017, 78, 106.	0.1	5
377	Analysis of Government Differential Weight Subsidy in An Emerging Coastal Industry Supply Chain. Journal of Coastal Research, 2019, 94, 851.	0.1	1
378	Morphometric Classification and GIS-Based Data Analysis in Coastal Modeling and Management. Open Environmental Sciences, 2011, 5, 1-17.	0.8	6
379	Sustainable Oyster Aquaculture, Water Quality Improvement, and Ecosystem Service Value Potential in Maryland Chesapeake Bay. Journal of Shellfish Research, 2020, 39, 269.	0.3	17
384	Ecosystem goods and services from Manila clam culture in Puget Sound: a modelling analysis. Aquaculture Environment Interactions, 2014, 5, 255-270.	0.7	43
385	Environmental controls upon picophytoplankton growth and biomass in a eutrophic estuary. Aquatic Microbial Ecology, 2011, 63, 133-143.	0.9	18
386	Phytoplankton strategies to exploit nutrients in coastal lagoons with different eutrophication status during re-oligotrophication. Aquatic Microbial Ecology, 2019, 83, 131-146.	0.9	9
387	Spatial variation of bacterial and fungal communities of estuarine seagrass leaf microbiomes. Aquatic Microbial Ecology, 2020, 84, 59-74.	0.9	16
388	Diel hypoxia in marsh creeks impairs the reproductive capacity of estuarine fish populations. Marine Ecology - Progress Series, 2009, 392, 211-221.	0.9	38
389	Uncertain future of New England salt marshes. Marine Ecology - Progress Series, 2011, 434, 229-237.	0.9	82
390	Phytoplankton community distribution in relation to environmental parameters in three aquaculture systems in a Chinese subtropical eutrophic bay. Marine Ecology - Progress Series, 2012, 446, 73-89.	0.9	46
391	Enhanced nutrient regeneration at commercial hard clam (Mercenaria mercenaria) beds and the role of macroalgae. Marine Ecology - Progress Series, 2015, 530, 135-151.	0.9	19
392	Effect of green macroalgal blooms on the behavior, growth, and survival of cockles Clinocardium nuttallii in Pacific NW estuaries. Marine Ecology - Progress Series, 2017, 582, 105-120.	0.9	11
393	Bloom-forming macroalgae (Ulva spp.) inhibit the growth of co-occurring macroalgae and decrease eastern oyster larval survival. Marine Ecology - Progress Series, 2018, 595, 27-37.	0.9	16

#	ARTICLE	IF	CITATIONS
394	Bioaccumulation of PCBs by a seaweed bloom (Ulva rigida) and transfer to higher trophic levels in an estuarine food web. Marine Ecology - Progress Series, 2019, 611, 75-93.	0.9	9
395	Diazotroph activity in surface Narragansett Bay sediments in summer is stimulated by hypoxia and organic matter delivery. Marine Ecology - Progress Series, 2019, 614, 35-50.	0.9	9
396	Effects of coastal acidification on North Atlantic bivalves: interpreting laboratory responses in the context of in situ populations. Marine Ecology - Progress Series, 2020, 633, 89-104.	0.9	13
397	Marine Heatwaves, Sewage and Eutrophication Combine to Trigger Deoxygenation and Biodiversity Loss: A SW Atlantic Case Study. Frontiers in Marine Science, 2020, 7, .	1.2	29
398	Spatial and temporal trends in summertime climate and water quality indicators in the coastal embayments of Buzzards Bay, Massachusetts. Biogeosciences, 2016, 13, 253-265.	1.3	16
399	Coastal Lagoon: Present Status and Future Challenges. International Journal of Marine Science, 0, , .	0.0	6
400	A Habitat-Based Framework for Communicating Natural Resource Condition. ISRN Ecology, 2012, 2012, 1-13.	1.0	1
402	Effects of elevated pCO_2 and nutrient enrichment on the growth, photosynthesis, and biochemical compositions of the brown alga *Saccharina japonica* (Laminariaceae, Phaeophyta). PeerJ, 2019, 7, e8040.	0.9	10
403	Phosphorus geochemical forms and potential bioavailability in surface sediments from Edku Lagoon, Egypt, regarding diagnostic ratios (Fe:P, S:Fe, and OC:OP). Journal of Soils and Sediments, 2021, 21, 3917-3932.	1.5	4
404	Septic systems drive nutrient enrichment of groundwaters and eutrophication in the urbanized Indian River Lagoon, Florida. Marine Pollution Bulletin, 2021, 172, 112928.	2.3	18
405	Measuring nitrate fluxes to assess estuarine eutrophication. , 2009, , .		0
406	Linking Receiving Water Impacts to Sources and to Water Quality Management Decisions: Using Nutrients as an Initial Case Study. Water Intelligence Online, 0, 10, .	0.3	0
407	Impact of Pollutants on Coastal and Benthic Marine Communities. , 2011, , 165-186.		8
410	Eutrophication. Encyclopedia of Earth Sciences Series, 2016, , 304-311.	0.1	0
411	Effects of Environmental Factors on the Zoospore Release and Germling Growth of the Green Macroalga Chaetomorpha linum. Ocean and Polar Research, 2016, 38, 47-57.	0.3	0
412	Effects of Temperature and Irradiance on Growth of Ulva prolifera (Chlorophyta). Han'guk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society, 2016, 49, 845-848.	0.1	0
413	Removal of orthophosphates in water by modified carbonate material of biological origin. Linnaeus Eco-Tech, 0, , .	0.0	1
414	4. South Atlantic Tidal Wetlands. , 2019, , 45-62.		0

#	ARTICLE	IF	CITATIONS
415	Anthropogenic nitrogen loading and risk of eutrophication in the coastal zone of Atlantic Canada. Estuarine, Coastal and Shelf Science, 2021, 263, 107630.	0.9	14
416	Effects of ocean warming, eutrophication and salinity variations on the growth of habitat-forming macroalgae in estuarine environments. Acta Botanica Brasilica, 2020, 34, 662-672.	0.8	10
417	Responses of the benthic environment to reduction in anthropogenic nutrient loading in the Seto Inland Sea (Japan), based on M-AMBI assessment. Marine Environmental Research, 2022, 173, 105509.	1.1	6
418	No widespread signature of the COVID-19 quarantine period on water quality across a spectrum of coastal systems in the United States of America. Science of the Total Environment, 2022, 807, 150825.	3.9	5
419	Biological Nutrient Removal by Suspended Growth Systems. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 264-293.	0.3	0
420	The Chesapeake Bay Oyster: Cobblestone to Keystone. Estuaries of the World, 2020, , 127-153.	0.1	0
421	Dynamics of Eutrophication and Its Linkage to Water Hyacinth on Lake Tana, Upper Blue Nile, Ethiopia: Understanding Land-Lake Interaction and Process. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 228-241.	0.2	2
422	Assessing Eutrophication in the Coastal Bay by ASSETS Index Model. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 286-292.	0.2	0
423	Soft-Sediment Communities of the Northern Indian River Lagoon, FL, United States. Frontiers in Marine Science, 2021, 8, .	1.2	1
424	Simulated Estuary-Wide Response of Seagrass (Zostera marina) to Future Scenarios of Temperature and Sea Level. Frontiers in Marine Science, 2020, 7, .	1.2	12
425	Implications of bacterial mineralisation in aquatic ecosystem response models. Water Research, 2022, 209, 117888.	5.3	3
426	A description of Florida estuarine gradient complexes and the implications of habitat factor covariation for community habitat analysis. Estuarine, Coastal and Shelf Science, 2021, , 107669.	0.9	2
427	Energy policy and coastal water quality: An integrated energy, air and water quality modeling approach. Science of the Total Environment, 2022, 816, 151593.	3.9	4
428	Identifying Sources and Impacts of Precipitation-Derived Nitrogen in Narragansett Bay, RI. Estuaries and Coasts, 2022, 45, 1287-1304.	1.0	3
429	NaOH Pretreated Molybdate-Carbon Paste Electrode for the Determination of Phosphate in Seawater by Square Wave Voltammetry with Impedimetric Evaluation. Journal of the Electrochemical Society, 2021, 168, 127503.	1.3	7
430	Tidal variability of water quality parameters in a mesotidal estuary (Sado Estuary, Portugal). Scientific Reports, 2021, 11, 23112.	1.6	18
431	Unravelling the effects of treated wastewater discharges on the water quality in a coastal lagoon system (Ria Formosa, South Portugal): Relevance of hydrodynamic conditions. Marine Pollution Bulletin, 2022, 174, 113296.	2.3	15
432	Assessment of Nutrients Recovery Capacity and Biomass Growth of Four Microalgae Species in Anaerobic Digestion Effluent. Water (Switzerland), 2022, 14, 221.	1.2	5

#	ARTICLE	IF	CITATIONS
433	Spatiotemporal nutrient patterns, composition, and implications for eutrophication mitigation in the Pearl River Estuary, China. Estuarine, Coastal and Shelf Science, 2022, 266, 107749.	0.9	19
434	Switch of Bacteria Community Under Oxygen Depletion in Sediment of Bohai Sea. Frontiers in Marine Science, 2022, 9, .	1.2	8
435	Can a simple water quality model effectively estimate runoff-driven nutrient loads to estuarine systems? A national-scale comparison of STEPLgrid and SPARROW. Environmental Modelling and Software, 2022, 150, 105344.	1.9	1
436	The ecology of coastal wetland ponds created by diamond mining in southern Namibia. 1. Physical conditions. African Journal of Marine Science, 2022, 44, 49-60.	0.4	2
437	Water quality in three potential drought refuges in an arid-land river: assessing habitat suitability for at-risk fish species. Knowledge and Management of Aquatic Ecosystems, 2022, , 7.	0.5	3
438	Simple relationships between residence time and annual nutrient retention, export, and loading for estuaries. Limnology and Oceanography, 2022, 67, 918-933.	1.6	5
440	Effects of Suspended Particles on Exopolysaccharide Secretion of Two Microalgae in Jinjiang Estuary (Fujian, China). Journal of Marine Science and Engineering, 2022, 10, 277.	1.2	0
442	Phytoplankton Species Diversity Patterns and Associated Driving Factors in China's Jiulong River Estuary: Roles That Nutrients and Nutrient Ratios Play. Frontiers in Marine Science, 2022, 9, .	1.2	4
443	Drifter and dye tracks reveal dispersal processes that can affect phytoplankton distributions in shallow estuarine environments. Estuarine, Coastal and Shelf Science, 2022, 269, 107811.	0.9	1
444	Saltmarsh sediments with wastewater input emit more carbon greenhouse gases but less N2O than mangrove sediments. Catena, 2022, 213, 106205.	2.2	5
445	Reconstructing Missing and Anomalous Data Collected from High-Frequency In-Situ Sensors in Fresh Waters. International Journal of Environmental Research and Public Health, 2021, 18, 12803.	1.2	5
447	Harmful Microalgae Detection: Biosensors versus Some Conventional Methods. Sensors, 2022, 22, 3144.	2.1	9
448	Kelp (Saccharina latissima) Mitigates Coastal Ocean Acidification and Increases the Growth of North Atlantic Bivalves in Lab Experiments and on an Oyster Farm. Frontiers in Marine Science, 2022, 9, .	1.2	16
458	Deepening Knowledge of Nutrient Dynamics in Coastal Waters. ASEAN Journal on Science and Technology for Development, 2022, 39, 23-33.	0.2	0
459	A method to quantify water quality change in data-limited estuaries. Estuarine, Coastal and Shelf Science, 2022, 272, 107888.	0.9	2
460	Phytoplankton assemblage and chlorophyll a along the salinity gradient in a hypoxic eutrophic tropical estuary-Ulhas Estuary, West Coast of India. Marine Pollution Bulletin, 2022, 180, 113719.	2.3	7
461	Predicting and Scoring Estuary Ecological Health Using a Bayesian Belief Network. Frontiers in Marine Science, 0, 9, .	1.2	1
462	A ground-based remote sensing system for high-frequency and real-time monitoring of phytoplankton blooms. Journal of Hazardous Materials, 2022, 439, 129623.	6.5	19

#	ARTICLE	IF	CITATIONS
463	Water supply processes are responsible for significant nitrogen fluxes across the United States. Global Biogeochemical Cycles, 0, , .	1.9	3
464	The mechanism of maintaining intracellular homeostasis in the red alga Pyropia haitanensis under hyposaline stress. Frontiers in Marine Science, 0, 9, .	1.2	1
465	Seasonal Total Nitrogen and Phosphorus Variation, Speciation, and Composition in the Maowei Sea Affected by Riverine Flux Input, South China Sea. Water (Switzerland), 2022, 14, 2584.	1.2	6
466	Response of the common reed (Phragmites australis) to nutrient enrichment depends on the growth stage and degree of enrichment: A mesocosm experiment. Science of the Total Environment, 2022, 850, 158098.	3.9	0
467	Decadal trajectories of land-sea couplings: Nitrogen loads and interception in New England watersheds, discharges to estuaries, and water quality effects. Estuarine, Coastal and Shelf Science, 2022, 277, 108057.	0.9	3
468	Effects of nutrient deficiency on the branch phenotype of the macroalgae Gracilariopsis lemaneiformis (Rhodophyta). Aquaculture, 2023, 562, 738794.	1.7	2
469	Recent advances in microfluidic sensors for nutrients detection in water. TrAC - Trends in Analytical Chemistry, 2023, 158, 116790.	5.8	9
470	Phytoplankton biomass and community composition in three Texas estuaries differing in freshwater inflow regime. Estuarine, Coastal and Shelf Science, 2022, 277, 108059.	0.9	9
471	Economic Valuation for Coastal Water Infrastructure Planning: Analysis of the Housing Market and Nutrient Pollution in Suffolk County, NY. Marine Resource Economics, 2022, 37, 369-386.	1.1	1
472	Harmful Algae. , 2022, , 287-317.		0
473	A coastal Ramsar site on transition to hypoxia and tracking pollution sources: a case study of south-west coast of India. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
474	Comprehensive Assessment of Eutrophication in Xiamen Bay and Its Implications for Management Strategy in Southeast China. International Journal of Environmental Research and Public Health, 2022, 19, 13055.	1.2	6
475	Long-term response of an estuarine ecosystem to drastic nutrients changes in the Changjiang River during the last 59 years: A modeling perspective. Frontiers in Marine Science, 0, 9, .	1.2	3
476	Flood-driven increases in phytoplankton biomass and cyanobacteria abundance in the western Atchafalaya-Vermilion Bay System, Louisiana. Hydrobiologia, 2023, 850, 4413-4441.	1.0	1
477	Managing the Seemingly Unmanageable: Water Quality and Phytoplankton Dynamics in a Heavily Urbanised Low-Inflow Estuary. Estuaries and Coasts, 0, , .	1.0	2
478	The modified Canadian water index with other sediment models for assessment of sediments from two harbours on the Egyptian Mediterranean coast. Journal of Hazardous Materials Advances, 2022, 8, 100180.	1.2	4
479	Variability in Phytoplankton Biomass and Community Composition in Corpus Christi Bay, Texas. Estuaries and Coasts, 2023, 46, 2023-2044.	1.0	3
480	Spatial and temporal variations of estuarine stratification and flushing time across the continental U.S.. Estuarine, Coastal and Shelf Science, 2022, 279, 108147.	0.9	4

#	Article	IF	Citations
481	Seaweed metabolomics: A review on its nutrients, bioactive compounds and changes in climate change. Food Research International, 2023, 163, 112221.	2.9	11
482	Ocean acidification and ammonium enrichment interact to stimulate a short-term spike in growth rate of a bloom forming macroalga. Frontiers in Marine Science, 0, 9, .	1.2	0
483	Heavy metal accumulation in a moderately polluted Ulhas estuary, Western India. Regional Studies in Marine Science, 2023, , 102818.	0.4	0
484	Warming and hypoxia reduce the performance and survival of northern bay scallops (<i>Argopecten) Tj ETQq1 1 0.784314 rgBT /Over	4.2	10
485	Mangrove (Avicennia marina) parts as proxies in marine pollution of Nizampatnam Bay, East Coast of India: An integrated approach. Marine Pollution Bulletin, 2023, 187, 114594.	2.3	2
486	Temporal Variability in Water Quality and Phytoplankton Biomass in a Low-Inflow Estuary (Baffin Bay,) Tj ETQq1 1 0.784314 rgBT /Over	1.0	1
487	Integrated physiological and metabolomic analysis reveals new insights into toxicity pathways of paraquat to Microcystis aeruginosa. Aquatic Toxicology, 2023, , 106521.	1.9	0
488	Co-occurrence of freshwater and marine phycotoxins: A record of microcystins and domoic acid in Bogue Sound, North Carolina (2015 to 2020). Harmful Algae, 2023, 125, 102412.	2.2	2
489	Riverine and submarine groundwater nutrients fuel high primary production in a tropical bay. Science of the Total Environment, 2023, 877, 162896.	3.9	2
490	Changes of dissolved organic matter following salinity invasion in different seasons in a nitrogen rich tidal reach. Science of the Total Environment, 2023, 880, 163251.	3.9	2
492	How does aquaculture activity affect phytoplankton functional groups in Gaoyou Lake, China. Journal of Freshwater Ecology, 2023, 38, .	0.5	1
493	The Effect of Environmental Dredging of Muck on an Assemblage of Benthic Amphipods. Journal of Marine Science and Engineering, 2023, 11, 444.	1.2	3
494	Deoxygenation, Acidification and Warming in Waquoit Bay, USA, and a Shift to Pelagic Dominance. Estuaries and Coasts, 2023, 46, 941-958.	1.0	2
495	Tracer study of CDOM for nitrogen and phosphorus pollution in the offshore Leizhou Peninsula, China. Ecological Indicators, 2023, 148, 110019.	2.6	2
496	Vulnerability of Estuarine Systems in the Contiguous United States to Water Quality Change Under Future Climate and Land‑Use. Earth's Future, 2023, 11, .	2.4	2
497	Unravelling Nutrients and Carbon Interactions in an Urban Coastal Water during Algal Bloom Period in Zhanjiang Bay, China. Water (Switzerland), 2023, 15, 900.	1.2	2
498	Watermains Leakage and Outdoor Water Use Are Responsible for Significant Phosphorus Fluxes to the Environment Across the United States. Global Biogeochemical Cycles, 2023, 37, .	1.9	1
502	Nutrients and Eutrophication. Springer Textbooks in Earth Sciences, Geography and Environment, 2023, , 75-100.	0.1	2

#	Article	IF	Citations
513	Phytoplankton/Seagrass Response to Management Interventions in Eutrophic Estuaries. , 2023, , .		1
514	Harmful algal blooms cause ocean illnesses affecting human health. , 2023, , 289-314.		0
519	Classifying Ecological Quality and Integrity of Estuaries. , 2023, , .		0