Ecological and toxicological effects of inorganic nitroger ecosystems: A global assessment

Environment International 32, 831-849

DOI: 10.1016/j.envint.2006.05.002

Citation Report

#	Article	IF	CITATIONS
1	Does the evidence about health risks associated with nitrate ingestion warrant an increase of the nitrate standard for drinking water?. Environmental Health, 2006, 5, 26.	1.7	65
2	Agriculture, pesticides, food security and food safety. Environmental Science and Policy, 2006, 9, 685-692.	2.4	643
3	Determination of Hazardous Fractions in Tannery Landfill Leachate. International Journal of Chemical Reactor Engineering, 2007, 5, .	0.6	0
4	Influence of the DMPP (3,4-dimethyl pyrazole phosphate) on nitrogen transformation and leaching in multi-layer soil columns. Chemosphere, 2007, 69, 825-831.	4.2	35
5	Permissible manure and fertilizer use in dairy farming systems on sandy soils in The Netherlands to comply with the Nitrates Directive target. European Journal of Agronomy, 2007, 27, 102-114.	1.9	43
6	Crystalloid structures in a cervicovaginal smear: An observation different from the gynaecological perspective. Diagnostic Cytopathology, 2007, 35, 738-739.	0.5	2
7	Alteration of Larval Development and Metamorphosis by Nitrate and Perchlorate in Southern Leopard Frogs (Rana sphenocephala). Archives of Environmental Contamination and Toxicology, 2007, 53, 639-646.	2.1	47
8	Bioremediation of Eutrophicated Water by Acinetobacter Calcoaceticus. Bulletin of Environmental Contamination and Toxicology, 2007, 78, 527-530.	1.3	8
9	Amphibian survival, growth and development in response to mineral nitrogen exposure and predator cues in the field: an experimental approach. Oecologia, 2007, 152, 633-642.	0.9	34
10	Impact of intensive agricultural practices on drinking water quality in the EVROS Region (NE GREECE) by GIS analysis. Environmental Monitoring and Assessment, 2008, 143, 43-50.	1.3	22
11	Ameliorating Effect of Chloride on Nitrite Toxicity to Freshwater Invertebrates with Different Physiology: a Comparative Study Between Amphipods and Planarians. Archives of Environmental Contamination and Toxicology, 2008, 54, 259-265.	2.1	38
12	Response of Na+-dependent ATPase Activities to the Contaminant Ammonia Nitrogen in Tapes philippinarum: Possible ATPase Involvement in Ammonium Transport. Archives of Environmental Contamination and Toxicology, 2008, 55, 49-56.	2.1	14
13	Persistence of DNA damage in the freshwater mussel <i>Unio pictorum</i> upon exposure to ethyl methanesulphonate and hydrogen peroxide. Environmental and Molecular Mutagenesis, 2008, 49, 217-225.	0.9	36
14	Microbial and nutrient contaminants of fresh and coastal waters. Journal of Environmental Management, 2008, 87, 533-534.	3.8	0
15	Transformation and removal of nitrogen in reactive bed filter materials designed for on-site wastewater treatment. Ecological Engineering, 2008, 34, 207-214.	1.6	24
16	Monitoring of NO2 in the ambient air with passive samplers before and after a road reconstruction event. Microchemical Journal, 2008, 90, 93-98.	2.3	20
17	Influences of nitrification inhibitor 3,4-dimethyl pyrazole phosphate on nitrogen and soil salt-ion leaching. Journal of Environmental Sciences, 2008, 20, 304-308.	3.2	17
18	European case studies supporting the derivation of natural background levels and groundwater threshold values for the protection of dependent ecosystems and human health. Science of the Total Environment, 2008, 401, 1-20.	3.9	138

#	ARTICLE	IF	CITATIONS
19	The Water Framework Directive: Total environment or political compromise?. Science of the Total Environment, 2008, 400, 32-41.	3.9	236
20	New approach to optimize operational conditions for the biological treatment of a high-strength thiocyanate and ammonium waste: pH as key factor. Water Research, 2008, 42, 774-780.	5.3	50
21	Estimating nitrogen exports in response to forest vegetation, age and soil types in two coastal-forested watersheds in British Columbia. Forest Ecology and Management, 2008, 255, 1945-1959.	1.4	6
22	Modulation of the immune system of fish by their environment. Fish and Shellfish Immunology, 2008, 25, 373-383.	1.6	336
23	Nutrient management regulations in The Netherlands. Geoderma, 2008, 144, 418-425.	2.3	75
24	The environmental impact of recombinant bovine somatotropin (rbST) use in dairy production. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9668-9673.	3.3	99
25	Denitrification of agricultural drainage line water via immobilized denitrification sludge. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1077-1084.	0.9	12
26	Reduction of Nitrite by Ultrasound-Dispersed Nanoscale Zero-Valent Iron Particles. Industrial & Camp; Engineering Chemistry Research, 2008, 47, 8550-8554.	1.8	53
27	Effects of nitrate load on submerged plant biomass and species richness: results of a mesocosm experiment. Fundamental and Applied Limnology, 2008, 173, 89-100.	0.4	70
28	Study on Influencing Factors of Measurement of Total Nitrogen by Digestion with UV-Alkaline Potassium Persulfate and Reduction with Hydrazine Sulphate Spectrophotometric Method and Application., 2008,,.		3
29	Use of SIMS _{DAIRY} modelling framework system to compare the scope on the sustainability of a dairy farm of animal and plant genetic-based improvements with management-based changes. Journal of Agricultural Science, 2008, 146, 195-211.	0.6	34
30	Nitrate in vegetables - Scientific Opinion of the Panel on Contaminants in the Food chain. EFSA Journal, 2008, 6, 689.	0.9	105
31	CHANGES IN THE DISSOLVED NITROGEN POOL ACROSS LAND COVER GRADIENTS IN WISCONSIN STREAMS. Ecological Applications, 2008, 18, 1579-1590.	1.8	84
32	Linking Flow Regime and Water Quality in Rivers: a Challenge to Adaptive Catchment Management. Ecology and Society, 2008, 13, .	1.0	142
34	Nitrate retention and removal in Mediterranean streams bordered by contrasting land uses: a & amp;lt;sup>15N tracer study. Biogeosciences, 2009, 6, 181-196.	1.3	47
35	Development of a holistic wellness model for managers in tertiary institutions. SA Journal of Human Resource Management, 2009, 7, .	0.6	7
36	ENVIRONMENTAL IMPACT OF CLOSING OF OIL SHALE MINES ON RIVER WATER QUALITY IN NORTH-EASTERN ESTONIA. Oil Shale, 2009, 26, 169.	0.5	12
37	Effects of Wastewater Treatment Plants on Stream Nutrient Dynamics Under Water Scarcity Conditions. Handbook of Environmental Chemistry, 2009, , 173-195.	0.2	22

#	ARTICLE	IF	Citations
38	Mitigation of lake eutrophication: Loosen nitrogen control and focus on phosphorus abatement. Progress in Natural Science: Materials International, 2009, 19, 1445-1451.	1.8	130
39	Agriculture-induced increase in nitrate concentrations in stream waters of a large Mediterranean catchment over 25years (1981–2005). Science of the Total Environment, 2009, 407, 6034-6043.	3.9	81
40	Effects of live rock on the reef-building coral Acropora digitifera cultured with high levels of nitrogenous compounds. Aquacultural Engineering, 2009, 41, 35-43.	1.4	26
41	Effects of hypolimnetic oxygenation on water quality: results from five Danish lakes. Hydrobiologia, 2009, 625, 157-172.	1.0	51
42	Factors Associated with Well-to-Well Variation in Nitrate Concentration of Groundwater in a Nitrate-Polluted District in Miyakonojo Basin, Southern Kyushu, Japan. Water, Air, and Soil Pollution, 2009, 199, 23-32.	1.1	7
43	Long-Term Effects of Ammonia on the Behavioral Activity of the Aquatic Snail Potamopyrgus antipodarum (Hydrobiidae, Mollusca). Archives of Environmental Contamination and Toxicology, 2009, 56, 796-802.	2.1	41
44	A whole sample toxicity assessment to evaluate the subâ€lethal toxicity of water and sediment elutriates from a lake exposed to diffuse pollution. Environmental Toxicology, 2009, 24, 259-270.	2.1	26
45	Measuring organic carbon, nutrients and heavy metals in rivers receiving leachate from controlled and uncontrolled municipal solid waste (MSW) landfills. Waste Management, 2009, 29, 2666-2680.	3.7	68
46	Acute tolerance and metabolic responses of Chinese mitten crab (Eriocheir sinensis) juveniles to ambient nitrite. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 419-426.	1.3	11
47	Electrodeposition of a calcareous layer: Effects of green inhibitors. Chemical Engineering Science, 2009, 64, 2413-2421.	1.9	58
48	Electricity Production Coupled to Ammonium in a Microbial Fuel Cell. Environmental Science & Emp; Technology, 2009, 43, 3391-3397.	4.6	190
49	Thresholds in macroinvertebrate biodiversity and stoichiometry across water-quality gradients in Central Plains (USA) streams. Journal of the North American Benthological Society, 2009, 28, 855-868.	3.0	112
50	Amphibians and agricultural chemicals: Review of the risks in a complex environment. Environmental Pollution, 2009, 157, 2903-2927.	3.7	467
51	Synthetic control of a fitness tradeoff in yeast nitrogen metabolism. Journal of Biological Engineering, 2009, 3, 1.	2.0	59
52	Development of a sequential injection system for the determination of nitrite and nitrate in waters with different salinity: Application to estuaries in NW Portugal. Analytical Methods, 2009, 1, 195.	1.3	27
53	Synthetic Nitrogen Fertilizers Deplete Soil Nitrogen: A Global Dilemma for Sustainable Cereal Production. Journal of Environmental Quality, 2009, 38, 2295-2314.	1.0	353
54	Sea fan corals provide a stable isotope baseline for assessing sewage pollution in the Mexican Caribbean. Limnology and Oceanography, 2010, 55, 2139-2149.	1.6	62
55	Are Known Cyanotoxins Involved in the Toxicity of Picoplanktonic and Filamentous North Atlantic Marine Cyanobacteria?. Marine Drugs, 2010, 8, 1908-1919.	2.2	67

#	Article	IF	CITATIONS
56	Effects of Elevated Nitrate Concentration on Mortality, Growth, and Egestion Rates of Gammarus pseudolimnaeus Amphipods. Archives of Environmental Contamination and Toxicology, 2010, 58, 694-699.	2.1	12
57	Effect of Lake Management Efforts on the Trophic State of a Subtropical Shallow Lake in Lakeland, Florida, USA. Water, Air, and Soil Pollution, 2010, 207, 333-347.	1.1	12
58	Evaluation of Biochar Effects on Nitrogen Retention and Leaching in Multi-Layered Soil Columns. Water, Air, and Soil Pollution, 2010, 213, 47-55.	1.1	360
59	Transformations of nutrients (N, P, Si) in the turbidity maximum zone of the Seine estuary and export to the sea. Estuarine, Coastal and Shelf Science, 2010, 90, 129-141.	0.9	63
60	The influence of shrimp farms organic waste management on chemical water quality. Estuarine, Coastal and Shelf Science, 2010, 90, 55-60.	0.9	13
61	Effects of nitrate nitrogen pollution on Central European unionid bivalves revealed by distributional data and acute toxicity testing. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 189-197.	0.9	37
62	Hydrogenotrophic denitrification of potable water: A review. Journal of Hazardous Materials, 2010, 180, 20-37.	6.5	291
63	Coastal management challenges from a community perspective: The problem of â€~stealth privatization' in a Canadian fishery. Marine Policy, 2010, 34, 598-605.	1.5	29
64	Influence of various nitrogenous electron acceptors on the anaerobic sulfide oxidation. Bioresource Technology, 2010, 101, 2931-2937.	4.8	56
65	Variability in adsorptive phosphorus removal by structural stormwater best management practices. Ecological Engineering, 2010, 36, 664-671.	1.6	32
66	Nitrate removal and greenhouse gas production in a stream-bed denitrifying bioreactor. Ecological Engineering, 2010, 36, 1575-1580.	1.6	114
67	Headwater streams: neglected ecosystems in the EU Water Framework Directive. Implications for nitrogen pollution control. Environmental Science and Policy, 2010, 13, 423-433.	2.4	49
68	Towards effective nutritional management of waste outputs in aquaculture, with particular reference to salmonid aquaculture operations. Aquaculture Research, 2010, 41, 777-792.	0.9	108
69	Rotifer species richness along an altitudinal gradient in the Alps. Global Ecology and Biogeography, 2010, 19, 895-904.	2.7	23
70	Use of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mtext>N</mml:mtext></mml:mrow> Abundance and N Species Concentrations to Assess N-Cycling in Constructed and Natural Coastal Wetlands. Applied and Environmental Soil Science, 2010, 2010, 1-9.</mml:math>	<td>th>Natural</td>	th>Natural
71	Benchmark Simulation Model No 2: finalisation of plant layout and default control strategy. Water Science and Technology, 2010, 62, 1967-1974.	1.2	151
72	Diversity, Abundance, and Spatial Distribution of Sediment Ammonia-Oxidizing <i>Betaproteobacteria </i> in Response to Environmental Gradients and Coastal Eutrophication in Jiaozhou Bay, China. Applied and Environmental Microbiology, 2010, 76, 4691-4702.	1.4	155
73	Treatment of Low C/N Ratio Monosodium Glutamate Wastewater in Suspended Carrier Biofilm Process. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0

#	Article	IF	CITATIONS
74	Rehabilitation of declining stands at Mt Lindesay: a preliminary assessment. Australian Forestry, 2010, 73, 156-164.	0.3	4
75	Genetically modified crops for biomass increase. Genes and strategies. GM Crops, 2010, 1, 137-142.	1.8	23
76	Nitrite Biosensing via Selective Enzymes—A Long but Promising Route. Sensors, 2010, 10, 11530-11555.	2.1	46
77	Atmospheric Ammonia Mixing Ratios at an Open-Air Cattle Feeding Facility. Journal of the Air and Waste Management Association, 2010, 60, 210-218.	0.9	29
78	Effects of ammonium on the antioxidative response in Hydrilla verticillata (L.f.) Royle plants. Ecotoxicology and Environmental Safety, 2010, 73, 189-195.	2.9	76
79	Influence of groundwater exploitation on the ecological status of streams in a Mediterranean system (Selva Basin, NE Spain). Ecological Indicators, 2010, 10, 915-926.	2.6	33
80	Prospects for the Biological Control of Submerged Macrophytes in South Africa. African Entomology, 2011, 19, 469-487.	0.6	37
81	A Review of the Biological Control Programmes on <i>Eichhornia crassipes</i> (C.Mart.) Solms (Pontederiaceae), <i>Salvinia molesta</i> D.S.Mitch. (Salviniaceae), <i>Pistia stratiotes</i> L. (Araceae), <i>Myriophyllum aquaticum</i> (Vell.) Verdc. (Haloragaceae) and <i>Azolla filiculoides</i> Lam. (Azollaceae) in South Africa. African Entomology, 2011, 19, 451-468.	0.6	121
82	Wastewater release and its impacts on Canadian waters. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1836-1859.	0.7	88
83	Biofilm recovery in a wastewater treatment plantâ€influenced stream and spatial segregation of ammoniaâ€oxidizing microbial populations. Limnology and Oceanography, 2011, 56, 1054-1064.	1.6	32
84	Nitrite and Nitrate in Human Health and Disease. , 2011, , .		45
85	Nitrogen Modulation on Plant Direct and Indirect Defenses. , 2011, , 86-102.		3
86	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
87	Nitric oxide supplementation alleviates ammonium toxicity in the submerged macrophyte Hydrilla verticillata (L.f.) Royle. Ecotoxicology and Environmental Safety, 2011, 74, 67-73.	2.9	20
88	Nitrogen as a threat to European water quality. , 2011, , 379-404.		80
89	Geographical variation in terrestrial nitrogen budgets across Europe. , 2011, , 317-344.		23
90	Multiyear Nutrient Removal Performance of Three Constructed Wetlands Intercepting Tile Drain Flows from Grazed Pastures. Journal of Environmental Quality, 2011, 40, 620-633.	1.0	61
91	How Early Diagenesis Reveals in Situ Biodegradation of Herbicides in Sediment. , 0, , .		0

#	Article	IF	CITATIONS
92	Measurement of Trace Gas Fluxes over an Unfertilized Agricultural Field Using the Fluxâ€gradient Technique. Journal of Environmental Quality, 2011, 40, 1359-1365.	1.0	11
93	Effects of Ammonium Nitrate, Urea, and Sodium Nitrate on Mosquitofish (Gambusia affinis) Survivorship. Bios, 2011, 82, 10-12.	0.0	1
94	Ecosystem services altered by human changes in the nitrogen cycle: a new perspective for US decision making. Ecology Letters, 2011, 14, 804-815.	3.0	225
95	Water quality as a threat to aquatic plants: discriminating between the effects of nitrate, phosphate, boron and heavy metals on charophytes. New Phytologist, 2011, 189, 1051-1059.	3.5	68
96	Transcriptome analysis reveals coordinated spatiotemporal regulation of hemoglobin and nitrate reductase in response to nitrate in maize roots. New Phytologist, 2011, 192, 338-352.	3.5	66
97	Subsidy-stress and multiple-stressor effects along gradients of deposited fine sediment and dissolved nutrients in a regional set of streams and rivers. Freshwater Biology, 2011, 56, 1916-1936.	1.2	152
98	Field Application of a Renewable Constructed Wetland Substrate for Phosphorus Removal 1. Journal of the American Water Resources Association, 2011, 47, 800-812.	1.0	5
99	Modelling nitrogen in the YeÅŸilirmak River catchment in Northern Turkey: Impacts of future climate and environmental change and implications for nutrient management. Science of the Total Environment, 2011, 409, 2404-2418.	3.9	24
100	A review of the impact of climate change on future nitrate concentrations in groundwater of the UK. Science of the Total Environment, 2011, 409, 2859-2873.	3.9	130
101	Effect of macronutrient enrichment on the size distribution, sorption, and bioconcentration factor of iron by coastal phytoplanktonic diatoms. Marine Environmental Research, 2011, 72, 89-95.	1.1	9
102	Efficiency assessment of inhibitors on CaCO3 precipitation kinetics in the bulk and deposition on a stainless steel surface (316L). Desalination, 2011, 281, 340-347.	4.0	43
103	Analysis of the trade-off between economic growth and the reduction of nitrogen and phosphorus emissions in the Poyang Lake Watershed, China. Ecological Modelling, 2011, 222, 330-336.	1.2	46
104	Characterization of biological responses under different environmental conditions: A hierarchical modeling approach. Ecological Modelling, 2011, 222, 532-545.	1.2	15
105	Comparison of land nitrogen budgets for European agriculture by various modeling approaches. Environmental Pollution, 2011, 159, 3254-3268.	3.7	99
106	Groundwater dependent ecosystems. Part I: Hydroecological status and trends. Environmental Science and Policy, 2011, 14, 770-781.	2.4	223
107	The freshwater planarian Polycelis felina as a sensitive species to assess the long-term toxicity of ammonia. Chemosphere, 2011, 84, 533-537.	4.2	34
108	Long-term nitrate removal in a denitrification wall. Agriculture, Ecosystems and Environment, 2011, 140, 514-520.	2.5	53
109	Spatial and temporal variations of nitrogen pollution in Wen-Rui Tang River watershed, Zhejiang, China. Environmental Monitoring and Assessment, 2011, 180, 501-520.	1.3	29

#	ARTICLE	IF	CITATIONS
110	Nitrogen export by surface runoff from a small agricultural watershed in southeast China: seasonal pattern and primary mechanism. Biogeochemistry, 2011, 106, 311-321.	1.7	34
111	Land Use and Basin Characteristics Determine the Composition and Abundance of the Microzooplankton. Water, Air, and Soil Pollution, 2011, 218, 93-108.	1.1	20
113	Nitrogen cycling in a hypothetical scenario of generalised organic agriculture in the Seine, Somme and Scheldt watersheds. Regional Environmental Change, 2011, 11, 359-370.	1.4	39
114	Effects of Nitrite and Toxic Microcystis Aeruginosa PCC7806 on the Growth of Freshwater Rotifer Brachionus Calyciflorus. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 263-267.	1.3	11
115	Role of Vegetation in a Constructed Wetland on Nutrient–Pesticide Mixture Toxicity to Hyalella azteca. Archives of Environmental Contamination and Toxicology, 2011, 60, 261-271.	2.1	7
116	Ni2+ and H2PO4â^' uptake properties of compounds in the CaTiO3–CaFeO2.5 system. Journal of Hazardous Materials, 2011, 185, 1390-1397.	6.5	4
117	Dietary Nitrates, Nitrites, and Cardiovascular Disease. Current Atherosclerosis Reports, 2011, 13, 484-492.	2.0	75
118	Effluentâ€dominated streams. Part 1: Presence and effects of excess nitrogen and phosphorus in Wascana Creek, Saskatchewan, Canada. Environmental Toxicology and Chemistry, 2011, 30, 496-507.	2.2	7 3
119	Soil Budget, Net Export, and Potential Sinks of Nitrogen in the Lower Oglio River Watershed (Northern Italy). Clean - Soil, Air, Water, 2011, 39, 956-965.	0.7	43
120	Characterization of water quality variation in the Mekong River at Vientiane by frequent observations. Hydrological Processes, 2011, 25, 3590-3601.	1.1	12
121	Effects of nitrate contamination and seasonal variation on the denitrification and greenhouse gas production in La Rocina Stream (Doñana National Park, SW Spain). Ecological Engineering, 2011, 37, 539-548.	1.6	40
122	Microbiological water quality and its relation to nitrogen and phosphorus at the Pareja limno-reservoir (Guadalajara, Spain). Journal of Environmental Management, 2011, 92, 773-779.	3.8	5
123	Sorption of nitrate onto amine-crosslinked wheat straw: Characteristics, column sorption and desorption properties. Journal of Hazardous Materials, 2011, 186, 206-211.	6.5	61
124	The interactive effects of microcystin and nitrite on life-history parameters of the cladoceran Daphnia obtusa. Journal of Hazardous Materials, 2011, 190, 113-118.	6.5	59
125	Realistic Levels of a Fertilizer Impair Iberian Newt Embryonic Development. Herpetologica, 2011, 67, 1-9.	0.2	4
126	Characteristics of Non-Point Source N Export via Surface Runoff from Sloping Croplands in Northeast China. Advanced Materials Research, 0, 347-353, 2302-2307.	0.3	1
127	Improving Nitrogen Use Efficiency in Crops for Sustainable Agriculture. Sustainability, 2011, 3, 1452-1485.	1.6	365
128	Development of planar electromagnetic sensors for measurement and monitoring of environmental parameters. Measurement Science and Technology, 2011, 22, 025107.	1.4	26

#	Article	IF	CITATIONS
129	Long-term hydrological and phytoplankton monitoring (1992 \hat{a} \in "2007) of three potentially eutrophic systems in the eastern English Channel and the Southern Bight of the North Sea. ICES Journal of Marine Science, 2011, 68, 2029-2043.	1.2	47
130	Comparison of Two Passive Flux Methods to Measure Ammonia Volatilization. Soil Science Society of America Journal, 2011, 75, 949-956.	1.2	5
131	Alanine scanning mutagenesis of a high-affinity nitrate transporter highlights the requirement for glycine and asparagine residues in the two nitrate signature motifs. Biochemical Journal, 2012, 447, 35-42.	1.7	12
132	Nitrogen and Carbon Leaching in Repacked Sandy Soil with Added Fine Particulate Biochar. Soil Science Society of America Journal, 2012, 76, 1142-1148.	1.2	27
133	Biological treatment of nitrogen-rich refinery wastewater by partial nitritation (SHARON) process. Environmental Technology (United Kingdom), 2012, 33, 1477-1483.	1.2	24
134	Nutrient enrichment affects the mechanical resistance of aquatic plants. Journal of Experimental Botany, 2012, 63, 6115-6123.	2.4	28
135	Nitrate Reduction by Redox-Activated, Polydiallyldimethylammonium-Exchanged Ferruginous Smectite. Clays and Clay Minerals, 2012, 60, 464-472.	0.6	13
136	Characteristics of Phytoplankton in Lake Karachay, a Storage Reservoir of Medium-Level Radioactive Waste. Health Physics, 2012, 103, 47-49.	0.3	7
137	Optimizing Nitrogen Fertilizer Application for Rice Production in the Taihu Lake Region, China. Pedosphere, 2012, 22, 48-57.	2.1	45
138	NO3â^'-N removal with sulfur-lime porous ceramic carrier (SLPC) in the packed-bed bioreactors by autosulfurotrophic denitrification. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 591-596.	2.7	4
139	Potential Bacillus probiotics enhance bacterial numbers, water quality and growth during early development of white shrimp (Litopenaeus vannamei). Veterinary Microbiology, 2012, 159, 443-450.	0.8	134
140	Application of a contaminant mass balance method at an old landfill to assess the impact on water resources. Waste Management, 2012, 32, 2406-2417.	3.7	33
141	Calcium nitrate addition to control the internal load of phosphorus from sediments of a tropical eutrophic reservoir: Microcosm experiments. Water Research, 2012, 46, 6463-6475.	5.3	82
142	Designing an integrated environmental monitoring plan for land-based marine fish farms located at exposed and hard bottom coastal areas. Journal of Environmental Monitoring, 2012, 14, 1305.	2.1	9
143	Effects of an Invasive Fish (<i>Gambusia affinis</i>) and Anthropogenic Nutrient Enrichment on American Toad (<i>Anaxyrus americanus</i>) Tadpoles. Journal of Herpetology, 2012, 46, 198-202.	0.2	16
144	Variation in water-mediated connectivity influences patch distributions of total N, total P, and TN:TP ratios in the Upper Mississippi River, USA. Freshwater Science, 2012, 31, 1254-1272.	0.9	17
145	Sources and Pathways of Nutrients in the Semi-Arid Region of Beijing–Tianjin, China. Environmental Science & China (1998) (19	4.6	103
146	Effects of rainfall patterns on toxic cyanobacterial blooms in a changing climate: Between simplistic scenarios and complex dynamics. Water Research, 2012, 46, 1372-1393.	5.3	290

#	Article	IF	Citations
147	Inorganic nitrogen, sterols and bacterial source tracking as tools to characterize water quality and possible contamination sources in surface water. Water Research, 2012, 46, 1079-1092.	5. 3	51
148	Microcystin producing cyanobacterial communities in Amvrakikos Gulf (Mediterranean Sea, NW) Tj ETQq1 1 0.784	1314 rgBT 2.2	/Overlock
149	What is the form of the productivity–animalâ€speciesâ€richness relationship? A critical review and metaâ€analysis. Ecology, 2012, 93, 2241-2252.	1.5	85
150	Optimization of Fermentation Media for Enhancing Nitrite-oxidizing Activity by Artificial Neural Network Coupling Genetic Algorithm. Chinese Journal of Chemical Engineering, 2012, 20, 950-957.	1.7	7
151	Wetland plants, micro-organisms and enzymatic activities interrelations in treating N polluted water. Ecological Engineering, 2012, 47, 36-43.	1.6	33
152	Carbon availability limits potential denitrification in watercress farm sediment. Ecological Engineering, 2012, 49, 212-220.	1.6	17
153	Integrated organic and nitrogen removal with electricity generation in a tubular dual-cathode microbial fuel cell. Process Biochemistry, 2012, 47, 2146-2151.	1.8	93
154	Recent Advances in Entomological Research. , 2011, , .		10
155	A novel inorganic–organic hybrid for detection of nitrite anions with extremely high sensitivity and selectivity. Journal of Materials Chemistry, 2012, 22, 16742.	6.7	30
156	Threshold values and management options for nutrients in a catchment of a temperate estuary with poor ecological status. Hydrology and Earth System Sciences, 2012, 16, 2663-2683.	1.9	26
157	First Report of a Toxic Nodularia spumigena (Nostocales/ Cyanobacteria) Bloom in Sub-Tropical Australia. I. Phycological and Public Health Investigations. International Journal of Environmental Research and Public Health, 2012, 9, 2396-2411.	1.2	30
158	Development of Environmental Thresholds for Nitrogen and Phosphorus in Streams. Journal of Environmental Quality, 2012, 41, 7-20.	1.0	124
159	Understanding of the impact of chemicals on amphibians: a metaâ€analytic review. Ecology and Evolution, 2012, 2, 1382-1397.	0.8	196
160	Isolation and characterization of a Scenedesmus acutus strain to be used for bioremediation of urban wastewater. Journal of Applied Phycology, 2012, 24, 375-383.	1.5	55
161	Community shift of ammonia-oxidizing bacteria along an anthropogenic pollution gradient from the Pearl River Delta to the South China Sea. Applied Microbiology and Biotechnology, 2012, 94, 247-259.	1.7	74
162	Freshwater abiotic components' impact on the viability of fish lice, Argulus sp., in Guangdong province, China. Parasitology Research, 2012, 111, 331-339.	0.6	4
163	Compensatory Mitigation for Streams Under the Clean Water Act: Reassessing Science and Redirecting Policy ¹ . Journal of the American Water Resources Association, 2012, 48, 494-509.	1.0	79
164	Expression and tissueâ€specific localization of nitrateâ€responsive miRNAs in roots of maize seedlings. Plant, Cell and Environment, 2012, 35, 1137-1155.	2.8	64

#	ARTICLE	IF	Citations
165	Physiological responses of Egeria densa to high ammonium concentration and nitrogen deficiency. Chemosphere, 2012, 86, 538-545.	4.2	75
166	Responses of Hyalella azteca and phytoplankton to a simulated agricultural runoff event in a managed backwater wetland. Chemosphere, 2012, 87, 684-691.	4.2	6
167	Enhanced biological nitrogen removal via dissolved oxygen partitioning and step feeding in a simulated river bioreactor for contaminated source water remediation. International Biodeterioration and Biodegradation, 2012, 71, 72-79.	1.9	33
168	Selective removal of nitrate from water by a macroporous strong basic anion exchange resin. Desalination, 2012, 296, 53-60.	4.0	97
169	Simultaneous oxidation of ammonium and p-cresol linked to nitrite reduction by denitrifying sludge. Bioresource Technology, 2012, 103, 48-55.	4.8	21
170	Determination of ammonium on an integrated microchip with LED-induced fluorescence detection. Journal of Environmental Sciences, 2012, 24, 564-570.	3.2	28
171	Macroinvertebrate responses along broad stressor gradients of deposited fine sediment and dissolved nutrients: a stream mesocosm experiment. Journal of Applied Ecology, 2012, 49, 892-902.	1.9	134
172	Effects of nitrate on nitrite toxicity to Microcystis aeruginosa. Marine Pollution Bulletin, 2012, 64, 1106-1111.	2.3	9
173	Integrated assessment of the impact of chemical stressors on surface water ecosystems. Science of the Total Environment, 2012, 427-428, 319-331.	3.9	41
174	An assessment of landscape characteristics affecting estuarine nitrogen loading in an urban watershed. Journal of Environmental Management, 2012, 94, 50-60.	3.8	33
175	Nitrate removal from aqueous solution by Arundo donax L. reed based anion exchange resin. Journal of Hazardous Materials, 2012, 203-204, 86-92.	6.5	70
176	Simultaneous nitrification and denitrification with electricity generation in dualâ€cathode microbial fuel cells. Journal of Chemical Technology and Biotechnology, 2012, 87, 153-159.	1.6	87
177	Acute Toxicity of Nitrate and Nitrite to Sensitive Freshwater Insects, Mollusks, and a Crustacean. Archives of Environmental Contamination and Toxicology, 2012, 62, 233-242.	2.1	60
178	Inhibition of endogenous urease activity by NBPT application reveals differential N metabolism responses to ammonium or nitrate nutrition in pea plants: a physiological study. Plant and Soil, 2013, 373, 813-827.	1.8	21
179	Evaluation of DNA Damage in Eurasian Marsh Frogs (Pelophylax ridibundus) by Comet Assay for Determination of Possible Pollution in the Different Lakes in Central Anatolia, Turkey. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 660-665.	1.3	11
180	The Use of the Cyanobacteria, Cyanobium sp., as a Suitable Organism for Toxicity Testing by Flow Cytometry. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 684-690.	1.3	10
181	Growth stimulation of Microcystis aeruginosa by a bacterium from hyper-eutrophic water (Taihu Lake,) Tj ETQq0	0 0 rgBT /•	Overlock 10 T

Connecting Nitrogen Deposition and Ecosystem Services., 2013, , 23-33.

#	Article	IF	CITATIONS
183	Combined effects of hypoxia and ammonia to Daphnia similis estimated with life-history traits. Environmental Science and Pollution Research, 2013, 20, 5379-5387.	2.7	34
184	Nitrate causes deleterious effects on the behaviour and reproduction of the aquatic snail Potamopyrgus antipodarum (Hydrobiidae, Mollusca). Environmental Science and Pollution Research, 2013, 20, 5388-5396.	2.7	24
185	Nitrite as oxidizing power for <i>p</i> â€cresol removal using a denitrifying sludge: kinetic study. Journal of Chemical Technology and Biotechnology, 2013, 88, 2176-2180.	1.6	5
186	Water Supply, Demand, and Quality Indicators for Assessing the Spatial Distribution of Water Resource Vulnerability in the Columbia River Basin. Atmosphere - Ocean, 2013, 51, 339-356.	0.6	28
187	Influence of hydrological regime on wetland attenuation of diffuse agricultural nitrate losses. Ecological Engineering, 2013, 56, 79-88.	1.6	46
188	Scientists' prioritization of global coastal research questions. Marine Policy, 2013, 39, 101-111.	1.5	35
189	Removal of ammonia nitrogen from wastewater using an aerobic cathode microbial fuel cell. Bioresource Technology, 2013, 146, 161-168.	4.8	82
190	An anaerobic two-layer permeable reactive biobarrier for the remediation of nitrate-contaminated groundwater. Water Research, 2013, 47, 5977-5985.	5.3	49
191	Hydrological extremes modulate nutrient dynamics in mediterranean climate streams across different spatial scales. Hydrobiologia, 2013, 719, 31-42.	1.0	84
192	Species richness–phosphorus relationships for lakes and streams worldwide. Global Ecology and Biogeography, 2013, 22, 1304-1314.	2.7	42
193	Environmental analysis of sunflower production with different forms of mineral nitrogen fertilizers. Journal of Environmental Management, 2013, 129, 302-308.	3.8	11
194	Developmental endpoints of chronic exposure to suspected endocrine-disrupting chemicals on benthic and hyporheic freshwater copepods. Ecotoxicology and Environmental Safety, 2013, 96, 86-92.	2.9	23
195	The use of the brown macroalgae, Sargassum flavicans, as a potential bioindicator of industrial nutrient enrichment. Marine Pollution Bulletin, 2013, 77, 140-146.	2.3	14
196	Effect of nitrite, limited reactive settler and plant design configuration on the predicted performance of simultaneous C/N/P removal WWTPs. Bioresource Technology, 2013, 136, 680-688.	4.8	23
197	Enhanced removal of nitrate from water using surface modification of adsorbents – A review. Journal of Environmental Management, 2013, 131, 363-374.	3.8	218
198	Ecological limits to terrestrial biological carbon dioxide removal. Climatic Change, 2013, 118, 89-103.	1.7	98
199	Distribution and Transformation of Nutrients and Eutrophication in Large-scale Lakes and Reservoirs. Advanced Topics in Science and Technology in China, 2013, , .	0.0	6
200	Effects of Submergence and Nitrogen Concentration on the Resources Utilization of <i>Alternanthera philoxeroides</i> . Advanced Materials Research, 2013, 864-867, 239-242.	0.3	0

#	Article	IF	CITATIONS
201	The use of Leaf Characteristics of Common Oak (Quercus Robur L.) to Monitor Ambient Ammonia Concentrations. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	3
202	Assumptions and challenges in the use of fallout beryllium-7 as a soil and sediment tracer in river basins. Earth-Science Reviews, 2013, 126, 85-95.	4.0	64
203	Combined spectral experiment and theoretical calculation to study the chemosensors of copper and their applications in anion bioimaging. Sensors and Actuators B: Chemical, 2013, 177, 1189-1197.	4.0	58
204	Simultaneous enhancement of organics and nitrogen removal in drinking water biofilm pretreatment system with reed addition. Bioresource Technology, 2013, 129, 274-280.	4.8	19
205	Toxicity of perfluorooctanoic acid to Pseudomonas putida in the aquatic environment. Journal of Hazardous Materials, 2013, 262, 726-731.	6.5	13
207	Feed–milk–manure nitrogen relationships in global dairy production systems. Livestock Science, 2013, 152, 261-272.	0.6	34
208	Impact of volcanic plume emissions on rain water chemistry during the January 2010 Nyamuragira eruptive event: Implications for essential potable water resources. Journal of Hazardous Materials, 2013, 244-245, 570-581.	6.5	49
209	The synthesis, characterization of three isomers of rhodamine derivative and their application in copper (II) ion recognition. Sensors and Actuators B: Chemical, 2013, 188, 735-740.	4.0	46
210	Ammonium removal by a novel oligotrophic Acinetobacter sp. Y16 capable of heterotrophic nitrification–aerobic denitrification at low temperature. Bioresource Technology, 2013, 146, 44-50.	4.8	207
211	Seasonal and interannual trends in PM levels and associated inorganic ions in southeastern Spain. Microchemical Journal, 2013, 110, 81-88.	2.3	42
212	Assessing planetary and regional nitrogen boundaries related to food security and adverse environmental impacts. Current Opinion in Environmental Sustainability, 2013, 5, 392-402.	3.1	210
213	Inter-specific differences in survival and reproduction of cladocerans to nitrite gradient and the ecological implications. Biochemical Systematics and Ecology, 2013, 48, 151-156.	0.6	14
214	The interaction between nitrobenzene and Microcystis aeruginosa and its potential to impact water quality. Chemosphere, 2013, 92, 1201-1206.	4.2	6
215	Towards the conservation of freshwater fish: Iberian Rivers as an example of threats and management practices. Reviews in Fish Biology and Fisheries, 2013, 23, 1-22.	2.4	95
216	Physiological correlates of ecological divergence along an urbanization gradient: differential tolerance to ammonia among molecular forms of the malaria mosquito Anopheles gambiae. BMC Ecology, 2013, 13, 1.	3.0	67
217	Habitat loss drives threshold response of benthic invertebrate communities to deposited sediment in agricultural streams. Ecological Applications, 2013, 23, 1036-1047.	1.8	172
218	Fungi mediate nitrous oxide production but not ammonia oxidation in aridland soils of the southwestern US. Soil Biology and Biochemistry, 2013, 63, 24-36.	4.2	66
219	Nitrogen, macrophytes, shallow lakes and nutrient limitation: resolution of a current controversy?. Hydrobiologia, 2013, 710, 3-21.	1.0	156

#	Article	IF	Citations
220	Sustainability issues related to feeding salmonids: a $<$ scp $>$ C $<$ /scp $>$ anadian perspective. Reviews in Aquaculture, 2013, 5, 199-219.	4.6	46
221	Eutrophication and Oligotrophication. , 2013, , 347-371.		24
222	Effect of chronic ammonia exposure on locomotor activity in the fiddler crab <i>Uca princeps</i> princepsprinceps	0.4	5
223	A Review of the Use of Organic Amendments and the Risk to Human Health. Advances in Agronomy, 2013, 120, 275-379.	2.4	134
224	High suspended solids as a factor in reproductive failure of a freshwater mussel. Freshwater Science, 2013, 32, 70-81.	0.9	39
225	Toxic Effects of Ammonia, Nitrite, and Nitrate to Decapod Crustaceans: A Review on Factors Influencing their Toxicity, Physiological Consequences, and Coping Mechanisms. Reviews in Fisheries Science, 2013, 21, 1-21.	2.1	209
226	Characteristics of nutrients in the Jiulong River and its impact on Xiamen Water, China. Chinese Journal of Oceanology and Limnology, 2013, 31, 1055-1063.	0.7	12
227	Surface geophysical exploration: developing noninvasive tools to monitor past leaks around Hanford's tank farms. Environmental Monitoring and Assessment, 2013, 185, 995-1010.	1.3	10
228	Dry ice – an eco-friendly alternative for ammonium reduction inÂleather manufacturing. Journal of Cleaner Production, 2013, 54, 289-295.	4.6	14
229	Influence of nitrate and ammonium availability on uptake kinetics of stream biofilms. Freshwater Science, 2013, 32, 1155-1167.	0.9	36
230	Efficient ammonium removal from aquatic environments by Acinetobacter calcoaceticus STB1 immobilized on an electrospun cellulose acetate nanofibrous web. Green Chemistry, 2013, 15, 2566.	4.6	48
231	Chemical Dynamics and Evaluation of Biogeochemical Processes in Alpine River KamniÅ;ka Bistrica, North Slovenia. Aquatic Geochemistry, 2013, 19, 323-346.	1.5	9
232	Consequences of human modification of the global nitrogen cycle. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130116.	1.8	635
233	Nutrient dynamics management based on GIS modeling tools. Proceedings of SPIE, 2013, , .	0.8	0
234	Ecology of Larval Habitats. , 0, , .		28
235	Differences in long-term impacts of un-ionized ammonia on life-history traits of three species of <i>Daphnia </i> . International Review of Hydrobiology, 2013, 98, n/a-n/a.	0.5	0
236	Water quality assessment in the Pangani River basin, Tanzania: natural and anthropogenic influences on the concentrations of nutrients and inorganic ions. International Journal of River Basin Management, 2013, 11, 55-75.	1.5	27
237	The first millimetre – rearing juvenile freshwater pearl mussels <i>(Margaritifera margaritifera L.)</i> in plastic boxes. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 964-975.	0.9	33

#	Article	IF	CITATIONS
238	Patterns of benthic algae and cyanobacteria along twinâ€stressor gradients of nutrients and fine sediment: a stream mesocosm experiment. Freshwater Biology, 2013, 58, 1849-1863.	1.2	67
239	Parthenogenetic populations of the freshwater snail <i>Campeloma limum</i> occupy habitats with fewer environmental stressors than their sexual counterparts. Freshwater Biology, 2013, 58, 655-663.	1.2	7
240	Application of Simultaneous Partial Nitrification and Anammox Process for Treatment of High Strength Nitrogen Containing Optoelectronic Wastewater. Proceedings of the Water Environment Federation, 2013, 2013, 1888-1906.	0.0	0
241	Application of Simultaneous Partial Nitrification and Anammox Process for Treatment of High Strength Nitrogen Containing Optoelectronic Wastewater. Proceedings of the Water Environment Federation, 2013, 2013, 5223-5241.	0.0	0
242	Ginger-supplemented diet ameliorates ammonium nitrate-induced oxidative stress in rats. African Journal of Biotechnology, 2013, 12, 5909-5916.	0.3	4
243	Over-Expression of a Tobacco Nitrate Reductase Gene in Wheat (Triticum aestivum L.) Increases Seed Protein Content and Weight without Augmenting Nitrogen Supplying. PLoS ONE, 2013, 8, e74678.	1.1	26
244	Use of Nitrification Inhibitor DMPP to Improve Nitrogen Uptake Efficiency in Citrus Trees. Journal of Agricultural Science, 2013, 5, .	0.1	6
245	Scientists' perspectives on global ocean research priorities. Frontiers in Marine Science, 2014, 1, .	1.2	69
246	Selective Adsorption of Nitrate by a Macroporous Acrylic Anion Exchange Resin: Effect of the Competing Anions. Current Environmental Engineering, 2014, 1, 10-16.	0.6	0
247	Analysis of the distribution of phytoplankton and enteric bacteria in Efteni Lake, Turkey. African Journal of Microbiology Research, 2014, 8, 2144-2154.	0.4	4
248	Stresses and defense mechanisms in reef-building corals: genetic, physiological, and ecological perspectives. Journal of the Japanese Coral Reef Society, 2014, 16, 47-64.	0.1	0
249	Effect of Dietary Astaxanthin on Free Radical Scavenging Capacity and Nitrite Stress Tolerance of Postlarvae Shrimp, <i>Pleoticus muelleri</i> Journal of Agricultural and Food Chemistry, 2014, 62, 12326-12331.	2.4	16
250	The metazoan parasite communities of the shoal flounder (Syacium gunteri) as bioindicators of chemical contamination in the southern Gulf of Mexico. Parasites and Vectors, 2014, 7, 541.	1.0	8
251	Impact resistance of different factors on ammonia removal by heterotrophic nitrification–aerobic denitrification bacterium Aeromonas sp. HN-02. Bioresource Technology, 2014, 167, 456-461.	4.8	132
252	Bioremediation of Aquaculture Effluents. , 2014, , 539-553.		10
253	Comparative Analysis of Nitrate Removal in Sub-Surface Flow Constructed Wetlands by Different External Carbon Sources. Advanced Materials Research, 0, 1073-1076, 779-783.	0.3	0
254	Effects of Chemicals on Aquatic Communities and Ecosystems. , 2014, , 197-205.		0
255	Nitrate Reduction by Redox-Modified Smectites Exchanged with Chitosan. Clays and Clay Minerals, 2014, 62, 403-414.	0.6	8

#	ARTICLE	IF	CITATIONS
256	Effect of nitrite stress on gene expression of antioxidant enzymes, heat shock protein 70, and metabolic enzymes in gill tissue of adult red swamp crayfish, Procambarus clarkii. Journal of Crustacean Biology, 2014, 34, 754-759.	0.3	4
257	Microbiology of the Anthropocene. Anthropocene, 2014, 5, 1-8.	1.6	83
258	Aquatic faunal abundance and diversity in relation to synthetic and natural pesticide applications in rice fields of Central Thailand. International Journal of Biodiversity Science, Ecosystem Services & Management, 2014, 10, 157-173.	2.9	21
259	Water quality: A hidden danger in anthropogenic desert catchments. Wildlife Society Bulletin, 2014, 38, 148-151.	1.6	10
260	Pollutants analysis during conventional palm oil mill effluent (POME) ponding system and decolourisation of anaerobically treated POME via calcium lactate-polyacrylamide. Journal of Water Process Engineering, 2014, 4, 159-165.	2.6	40
261	Inorganic Nitrogen Compounds in Water Mains in Northern Poland and Their Implication for Health Risk. Journal of Environmental Engineering, ASCE, 2014, 140, .	0.7	1
262	Influence of environmental factors on Argulus japonicus occurrence of Guangdong province, China. Parasitology Research, 2014, 113, 4073-4083.	0.6	11
263	Removal performance of nitrogen and endocrine-disrupting pesticides simultaneously in the enhanced biofilm system for polluted source water pretreatment. Bioresource Technology, 2014, 170, 549-555.	4.8	12
264	Selective fluorescence sensor for Cu ²⁺ with a novel triazole Schiff-base derivative with coumarin units. Heterocyclic Communications, 2014, 20, 289-292.	0.6	12
265	Characterizing the influence of highways on springtime NO2 and NH3 concentrations in regional forest monitoring plots. Environmental Pollution, 2014, 190, 150-158.	3.7	15
266	Adsorptive removal of nitrate from aqueous solution by polyacrylonitrile–alumina nanoparticle mixed matrix hollow-fiber membrane. Journal of Membrane Science, 2014, 466, 281-292.	4.1	95
267	Human alteration of groundwater–surface water interactions (Sagittario River, Central Italy): implication for flow regime, contaminant fate and invertebrate response. Environmental Earth Sciences, 2014, 71, 1791-1807.	1.3	41
268	Effect of nitrite exposure on metabolic response in the freshwater prawn Macrobrachium nipponense. Open Life Sciences, 2014, 9, 86-91.	0.6	7
269	Sensitivity of hypogean and epigean freshwater copepods to agricultural pollutants. Environmental Science and Pollution Research, 2014, 21, 4643-4655.	2.7	46
270	Extended statistical entropy analysis for the evaluation of nitrogen budgets in Austria. International Journal of Environmental Science and Technology, 2014, 11, 1947-1958.	1.8	15
271	Soil microbial systems respond differentially to tetracycline, sulfamonomethoxine, and ciprofloxacin entering soil under pot experimental conditions alone and in combination. Environmental Science and Pollution Research, 2014, 21, 7436-7448.	2.7	55
272	Nutrient mitigation in a temporary river basin. Environmental Monitoring and Assessment, 2014, 186, 2243-2257.	1.3	10
273	Detoxifying CO2 Capture Reclaimer Waste by Anaerobic Digestion. Applied Biochemistry and Biotechnology, 2014, 172, 776-783.	1.4	8

#	Article	IF	CITATIONS
274	Hydrological and water quality impact assessment of a Mediterranean limno-reservoir under climate change and land use management scenarios. Journal of Hydrology, 2014, 509, 354-366.	2.3	168
275	Spatial and temporal variability of surface water pollution in the Mekong Delta, Vietnam. Science of the Total Environment, 2014, 485-486, 653-665.	3.9	101
276	Contrasting effects of nitrogenous pollution on fitness and swimming performance of Iberian waterfrog, Pelophylax perezi (Seoane, 1885), larvae in mesocosms and field enclosures. Aquatic Toxicology, 2014, 146, 144-153.	1.9	19
277	Nitrite-induced hepatotoxicity in Bluntsnout bream (Megalobrama amblycephala): The mechanistic insight from transcriptome to physiology analysis. Environmental Toxicology and Pharmacology, 2014, 37, 55-65.	2.0	37
278	Long term impacts of combined sewer overflow remediation on water quality and population dynamics of Culex quinquefasciatus, the main urban West Nile virus vector in Atlanta, GA. Environmental Research, 2014, 129, 20-26.	3.7	25
279	Relations between macroinvertebrates, nutrients, and water quality criteria in wadeable streams of Maryland, USA. Environmental Monitoring and Assessment, 2014, 186, 1167-1182.	1.3	17
280	Development of a simple method for the determination of nitrite and nitrate in groundwater by high-resolution continuum source electrothermal molecular absorption spectrometry. Analytica Chimica Acta, 2014, 806, 101-106.	2.6	23
281	Scienceâ€policy interfacing on the issue of groundwater and groundwaterâ€dependent ecosystems in Europe: implications for research and policy. Wiley Interdisciplinary Reviews: Water, 2014, 1, 561-571.	2.8	3
282	Nitrate enrichment alters a <i><scp>D</scp>aphnia</i> –microparasite interaction through multiple pathways. Ecology and Evolution, 2014, 4, 243-250.	0.8	14
283	Remote water sampling using flying robots. , 2014, , .		35
284	Biological Nitrogen Removal. , 2014, , 123-149.		15
285	Fine-Scale in Situ Measurement of Riverbed Nitrate Production and Consumption in an Armored Permeable Riverbed. Environmental Science & Environmental	4.6	23
286	Nitrite ion-induced fluorescence quenching of luminescent BSA-Au ₂₅ nanoclusters:		
	mechanism and application. Analyst, The, 2014, 139, 2221-2228.	1.7	64
287	mechanism and application. Analyst, The, 2014, 139, 2221-2228. Nitrogen removal along the treatment cells of a free-water surface constructed wetland in subtropical Taiwan. Ecological Engineering, 2014, 73, 579-587.	1.7	18
287	mechanism and application. Analyst, The, 2014, 139, 2221-2228. Nitrogen removal along the treatment cells of a free-water surface constructed wetland in		
	mechanism and application. Analyst, The, 2014, 139, 2221-2228. Nitrogen removal along the treatment cells of a free-water surface constructed wetland in subtropical Taiwan. Ecological Engineering, 2014, 73, 579-587. Nutrients, hypoxia and Mass Fishkill events in Tapi Estuary, India. Estuarine, Coastal and Shelf Science,	1.6	18
288	mechanism and application. Analyst, The, 2014, 139, 2221-2228. Nitrogen removal along the treatment cells of a free-water surface constructed wetland in subtropical Taiwan. Ecological Engineering, 2014, 73, 579-587. Nutrients, hypoxia and Mass Fishkill events in Tapi Estuary, India. Estuarine, Coastal and Shelf Science, 2014, 148, 48-58. Effects of reactive nitrogen deposition on terrestrial and aquatic ecosystems. Ecological	0.9	18

#	Article	IF	CITATIONS
292	Self-assembly of hybridized ligands on gold nanodots: tunable photoluminescence and sensing of nitrite. Nanoscale, 2014, 6, 11078-11083.	2.8	31
293	Chemical pollution and toxicity of water samples from stream receiving leachate from controlled municipal solid waste (MSW) landfill. Environmental Research, 2014, 135, 253-261.	3.7	60
294	Bioaugmentation in lab scale constructed wetland microcosms for treating polluted river water and domestic wastewater in northern China. International Biodeterioration and Biodegradation, 2014, 95, 151-159.	1.9	49
295	Nutrient and eutrophication characteristics of the Dongshan Bay, South China. Chinese Journal of Oceanology and Limnology, 2014, 32, 886-898.	0.7	21
296	Elevated temperature may intensify the positive effects of nutrients on microbial decomposition in streams. Freshwater Biology, 2014, 59, 2390-2399.	1.2	72
297	Denitrification in a Laurentian Great Lakes coastal wetland invaded by hybrid cattail (TyphaÂ×Âglauca). Aquatic Sciences, 2014, 76, 483-495.	0.6	33
298	Removal of Nitrite from Aqueous Solution Using Sugarcane Bagasse and Wheat Straw. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 126-131.	1.3	17
299	Highly selective silver nanoparticles based label free colorimetric sensor for nitrite anions. Analytica Chimica Acta, 2014, 842, 57-62.	2.6	37
300	A new MONERIS in-Stream Retention Module to Account Nutrient Budget of a Temporary River in Cyprus. Water Resources Management, 2014, 28, 2917-2935.	1.9	3
301	Comparing the Effects of Aquatic Stressors on Model Temperate Freshwater Aquatic Communities. Water, Air, and Soil Pollution, 2014, 225, $1.$	1.1	13
302	The role of institutional and legal constraints on river water quality monitoring in Ukraine. Environmental Earth Sciences, 2014, 72, 4745-4756.	1.3	25
303	Aluminosilicate and aluminosilicate based polymer composites: Present status, applications and future trends. Progress in Surface Science, 2014, 89, 239-277.	3.8	86
304	Pyrosequencing Analysis Yields Comprehensive Assessment of Microbial Communities in Pilot-Scale Two-Stage Membrane Biofilm Reactors. Environmental Science & Environmental Science & 2014, 48, 7511-7518.	4.6	37
305	Ammonium stress in Arabidopsis: signaling, genetic loci, and physiological targets. Trends in Plant Science, 2014, 19, 107-114.	4.3	204
306	Analysis of gene expression changes, caused by exposure to nitrite, in metabolic and antioxidant enzymes in the red claw crayfish, Cherax quadricarinatus. Ecotoxicology and Environmental Safety, 2014, 104, 423-428.	2.9	19
307	Ecotoxicological assessment of the impact of nitrate (NO $3\hat{A}^-$) on the European endangered white-clawed crayfish Austropotamobius italicus (Faxon). Ecotoxicology and Environmental Safety, 2014, 101, 220-225.	2.9	8
308	Acute effects of Anabaena spiroides extract and paraoxon-methyl on freshwater cladocerans from tropical and temperate regions: Links between the ChE activity and survival and its implications for tropical ecotoxicological studies. Aquatic Toxicology, 2014, 146, 105-114.	1.9	8
309	Inhibition of calcium carbonate precipitation by aqueous extract of Paronychia argentea. Journal of Crystal Growth, 2014, 386, 208-214.	0.7	34

#	Article	IF	CITATIONS
310	A review and application of the evidence for nitrogen impacts on ecosystem services. Ecosystem Services, 2014, 7, 76-88.	2.3	85
311	Evidence for sensitivity of dune wetlands to groundwater nutrients. Science of the Total Environment, 2014, 490, 106-113.	3.9	15
312	Lethal and Sublethal Effects of Inorganic Nitrogen on Gladiator Frog Tadpoles (<i>Hypsiboas) Tj ETQq0 0 0 rgBT</i>	/Oyerlock 1.4	10 Tf 50 662
313	Effects of ammonia exposure on nitrogen metabolism in gills and hemolymph of the swimming crab Portunus trituberculatus. Aquaculture, 2014, 432, 351-359.	1.7	40
314	Analytical challenges and advantages of using flow-based methodologies for ammonia determination in estuarine and marine waters. TrAC - Trends in Analytical Chemistry, 2014, 59, 83-92.	5.8	70
315	Applications of light-emitting diodes in researches conducted in aquatic environment. Renewable and Sustainable Energy Reviews, 2014, 32, 611-618.	8.2	35
316	CULTIVATION OF OIL-PRODUCING ALGAE USING AN ANEAROBIC DIGESTION EFFLUENT CONTAINING A HIGH CONCENTRATION OF AMMONIUM-NITROGEN. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2014, 70, III_493-III_499.	0.1	O
317	Temperature effect on the sensitivity of the copepod Eucyclops serrulatus (Crustacea, Copepoda,) Tj ETQq1 1 0.	784314 r 0.9	gBT /Overlock 22
318	Determination of optimum nitrogen application rates in Zhejiang Province, China, based on rice yields and ecological security. Journal of Integrative Agriculture, 2015, 14, 2426-2433.	1.7	16
319	Dissimilatory nitrate reduction processes and associated contribution to nitrogen removal in sediments of the Yangtze Estuary. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 1521-1531.	1.3	135
320	Interactions of Soils and Land Uses with Water Quantity and Quality., 2015,, 101-126.		3
321	Relationships for estimating N ₂ fixation in legumes: incidence for N balance of legumeâ€based cropping systems in Europe. Ecosphere, 2015, 6, 1-24.	1.0	155
323	7. Global warming, climate patterns and toxic cyanobacteria., 2015, , 195-238.		2
324	Responses of Limagne "Clay/Organic Matter-Rich―Soil Microbial Communities to Realistic Formulated Herbicide Mixtures, Including S-Metolachlor, Mesotrione, and Nicosulfuron. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	12
325	Seasonal dynamics in the trophic status of water, floral and faunal density along some selected coastal areas of the Red Sea, Tabuk, Saudi Arabia. International Aquatic Research, 2015, 7, 337-348.	1.5	9
326	Nitrogen excretion factors of livestock in the European Union: a review. Journal of the Science of Food and Agriculture, 2015, 95, 3004-3014.	1.7	59
327	Reducing Fertilizerâ€Nitrogen Losses from Rowcrop Landscapes: Insights and Implications from a Spatially Explicit Watershed Model. Journal of the American Water Resources Association, 2015, 51, 1003-1019.	1.0	12
328	Nutrients override atrazine effects on riparian and aquatic plant community structure in a <scp>N</scp> orth <scp>A</scp> merican agricultural catchment. Freshwater Biology, 2015, 60, 1292-1307.	1.2	14

#	Article	IF	CITATIONS
329	Landâ€use legacy and the differential response of stream macroinvertebrates to multiple stressors studied using <i>inÂsitu</i> experimental mesocosms. Freshwater Biology, 2015, 60, 1622-1634.	1.2	12
330	Factors influencing nitrogen processing in lakes: an experimental approach. Freshwater Biology, 2015, 60, 646-662.	1.2	14
331	Contrasting effects of chloride on growth, reproduction, and toxicant sensitivity in two genetically distinct strains of <i>Hyalella azteca</i> . Environmental Toxicology and Chemistry, 2015, 34, 2354-2362.	2.2	16
332	Cloning and expression analysis of a heat shock protein 90 \hat{l}^2 isoform gene from the gills of Wuchang bream (Megalobrama amblycephala Yih) subjected to nitrite stress. Genetics and Molecular Research, 2015, 14, 3036-3051.	0.3	9
333	The Summary of the Scale and the Treatment Measures in Oilfield. Recent Innovations in Chemical Engineering, 2015, 7, 25-33.	0.2	1
334	Nitrogen Sources and Cycling in the Ecosystem and its Role in Air, Water and Soil Pollution: A Critical Review. Journal of Pollution Effects & Control, 2015, 03, .	0.1	27
335	Phytoplankton community structure and physico-chemical characteristics of streams flowing through an agro- plantation complex in Tiko, Cameroon. Journal of Ecology and the Natural Environment, 2015, 7, 170-179.	0.2	10
336	Removal of Ammonia Nitrogen in Aqueous Solution by the Modified Water Treatment Sludge. Advance Journal of Food Science and Technology, 2015, 8, 925-928.	0.1	0
337	Biological Denitrification: Screening of Packing Material, Comparison of Denitrification Rate by Pseudomonas aeruginosa and Pseudomonas stutzeri, Application and Design of Bioreactor. Current Environmental Engineering, 2015, 2, 56-63.	0.6	0
338	Promotion of flavonoid biosynthesis in leaves and calli of ornamental crabapple (Malus sp.) by high carbon to nitrogen ratios. Frontiers in Plant Science, 2015, 6, 673.	1.7	30
339	Organic Cultivation of Tomato in India with Recycled Slaughterhouse Wastes: Evaluation of Fertilizer and Fruit Safety. Agriculture (Switzerland), 2015, 5, 826-856.	1.4	10
340	Assessing sources of nitrate contamination in the Shiraz urban aquifer (Iran) using the \hat{l} (sup>15N and \hat{l} (sup>0 dual-isotope approach. Isotopes in Environmental and Health Studies, 2015, 51, 392-410.	0.5	14
341	Marine Eutrophication., 2015,, 177-203.		22
342	The potential effects of phytoplankton on the occurrence of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in water from Lake Taihu, China. Environmental Sciences: Processes and Impacts, 2015, 17, 1150-1156.	1.7	16
343	Toxicity evaluation of effluent from the de-oiling works of a decommissioned Nigerian crude oil pipeline using Palaemonetes africanus. African Journal of Aquatic Science, 2015, 40, 57-61.	0.5	2
344	Modelling hydrological processes, crop yields and NPS pollution in a small sub-tropical catchment in South Africa using ACRU-NPS. Hydrological Sciences Journal, 0, , 1-26.	1.2	5
345	Partial nitritation of nitrogen-rich refinery wastewater (sour water) with different C _i /N molar ratios. Desalination and Water Treatment, 2015, 55, 791-798.	1.0	4
346	Modeled long-term changes of DIN:DIP ratio in the Changjiang River in relation to Chl- \hat{l}_{\pm} and DO concentrations in adjacent estuary. Estuarine, Coastal and Shelf Science, 2015, 166, 153-160.	0.9	56

#	Article	IF	CITATIONS
347	A twin chamber up-flow bio-electrochemical pumparound system for sequential nitrification and denitrification of reject water. Desalination and Water Treatment, 0 , , 1 -8.	1.0	1
348	Phytoplankton variability in relation to some environmental factors in the eastern coast of Suez Gulf, Egypt. Environmental Monitoring and Assessment, 2015, 187, 648.	1.3	9
349	The influence of processed meat consumption on chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2015, 9, 703-710.	1.0	6
350	The effects of acute ammonia exposure on the immune response of juvenile freshwater prawn, Macrobrachium nipponense. Journal of Crustacean Biology, 2015, 35, 76-80.	0.3	22
351	Toxicity of Vertimec \hat{A}^{\otimes} 18 EC (active ingredient abamectin) to the neotropical cladoceran Ceriodaphnia silvestrii. Chemosphere, 2015, 139, 558-564.	4.2	24
352	<i>Nitrotoga</i> -like bacteria are previously unrecognized key nitrite oxidizers in full-scale wastewater treatment plants. ISME Journal, 2015, 9, 708-720.	4.4	135
353	Combined ecological risks of nitrogen and phosphorus in European freshwaters. Environmental Pollution, 2015, 200, 85-92.	3.7	46
354	lodide, Bromide, and Ammonium in Hydraulic Fracturing and Oil and Gas Wastewaters: Environmental Implications. Environmental Science & Environmental S	4.6	215
355	Applied Environmental Biotechnology: Present Scenario and Future Trends., 2015,,.		12
356	Relating nitrogen export patterns from a mixed land use catchment in NW Spain with rainfall and streamflow. Hydrological Processes, 2015, 29, 2720-2730.	1.1	15
357	Effect of nickel on nutrient removal by selected indigenous protozoan species in wastewater systems. Saudi Journal of Biological Sciences, 2015, 22, 147-156.	1.8	8
358	Bioelectrochemical Systems (BES) for Microbial Electroremediation: An Advanced Wastewater Treatment Technology. , 2015, , 145-167.		8
359	Ammonium reduces chromium toxicity in the freshwater alga Chlorella vulgaris. Applied Microbiology and Biotechnology, 2015, 99, 3249-3258.	1.7	12
361	A model for the effect of density of human population on the depletion of dissolved oxygen in a water body. Environment, Development and Sustainability, 2015, 17, 623-640.	2.7	10
362	Natural stressors in uncontaminated sediments of shallow freshwaters: The prevalence of sulfide, ammonia, and reduced iron. Environmental Toxicology and Chemistry, 2015, 34, 467-479.	2.2	18
363	Using chemical, microbial and fluorescence techniques to understand contaminant sources and pathways to wetlands in a conservation site. Science of the Total Environment, 2015, 511, 703-710.	3.9	21
364	Health status of tadpoles and metamorphs of Rhinella arenarum (Anura, Bufonidae) that inhabit agroecosystems and its implications for land use. Ecotoxicology and Environmental Safety, 2015, 118, 118-125.	2.9	42
365	Eco-hydrologic model cascades: Simulating land use and climate change impacts on hydrology, hydraulics and habitats for fish and macroinvertebrates. Science of the Total Environment, 2015, 533, 542-556.	3.9	77

#	Article	IF	CITATIONS
366	Phytoremediation of Eutrophic Waters. , 2015, , 41-50.		3
367	Nitrogen Removal Characteristics of a Newly Isolated Indigenous Aerobic Denitrifier from Oligotrophic Drinking Water Reservoir, Zoogloea sp. N299. International Journal of Molecular Sciences, 2015, 16, 10038-10060.	1.8	91
368	Chronic effects of temperature and nitrate pollution on Daphnia magna: Is this cladoceran suitable for widespread use as a tertiary treatment?. Water Research, 2015, 83, 141-152.	5.3	26
369	Nitrogen Removal from Micro-Polluted Reservoir Water by Indigenous Aerobic Denitrifiers. International Journal of Molecular Sciences, 2015, 16, 8008-8026.	1.8	25
370	Ecotoxicological risks of calcium nitrate exposure to freshwater tropical organisms: Laboratory and field experiments. Ecotoxicology and Environmental Safety, 2015, 117, 155-163.	2.9	12
371	Possible implications of dietary changes on nutrient fluxes, environment and land use in Austria. Agricultural Systems, 2015, 136, 14-29.	3.2	21
372	Influence of solar radiation on nitrogen recovery by the biomass grown in high rate ponds. Ecological Engineering, 2015, 81, 140-145.	1.6	16
373	Unravelling River System Impairments in Stream Networks with an Integrated Risk Approach. Environmental Management, 2015, 55, 1343-1353.	1.2	13
374	Partial nitrification in an air-lift reactor with long-term feeding of increasing ammonium concentrations. Bioresource Technology, 2015, 185, 134-142.	4.8	38
375	Conditioning the alternating aerobic–anoxic process to enhance the removal of inorganic nitrogen pollution from a municipal wastewater in France. Journal of Cleaner Production, 2015, 100, 195-201.	4.6	41
376	Relationships among nutrient enrichment, detritus quality and quantity, and large-bodied shredding insect community structure. Hydrobiologia, 2015, 753, 219-232.	1.0	12
377	lon-exchange method in the collection of nitrate from freshwater ecosystems for nitrogen and oxygen isotope analysis: a review. Environmental Science and Pollution Research, 2015, 22, 9575-9588.	2.7	13
378	Abundance and Diversity of CO2-Assimilating Bacteria and Algae Within Red Agricultural Soils Are Modulated by Changing Management Practice. Microbial Ecology, 2015, 70, 971-980.	1.4	25
379	Enhancement removal of endocrine-disrupting pesticides and nitrogen removal in a biofilm reactor coupling of biodegradable Phragmites communis and elastic filler for polluted source water treatment. Bioresource Technology, 2015, 187, 331-337.	4.8	17
380	Inorganic Membranes for the Recovery of Effluent from Municipal Wastewater Treatment Plants. Industrial & Description of Effluent from Municipal Wastewater Treatment Plants.	1.8	14
381	Comparison of semi-natural and constructed wetlands for agricultural wastewater treatment. Desalination and Water Treatment, 2015, 54, 2959-2968.	1.0	1
382	Development of poly-o-toluidine zirconium (IV) ethylenediamine as a new adsorbent for nitrate: Equilibrium modelling and thermodynamic studies. Journal of Industrial and Engineering Chemistry, 2015, 25, 272-279.	2.9	18
383	Effect of mineral nutrients on the uptake of Cr(VI) by maize plants. New Biotechnology, 2015, 32, 396-402.	2.4	14

#	Article	IF	CITATIONS
384	Effectiveness and Mode of Action of Calcium Nitrate and Phoslock® in Phosphorus Control in Contaminated Sediment, a Microcosm Study. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	24
385	Cross-linked PS-DVB/Fe ₃ O ₄ microspheres with quaternary ammonium groups and application in removal of nitrate from water. RSC Advances, 2015, 5, 96911-96917.	1.7	14
386	The Effects of Biodiesel and Crude Oil on the Foraging Behavior of Rusty Crayfish, Orconectes rusticus. Archives of Environmental Contamination and Toxicology, 2015, 69, 557-565.	2.1	6
387	Nitrogen mineralization and geochemical characteristics of amino acids in surface sediments of a typical polluted area in the Haihe River Basin, China. Environmental Science and Pollution Research, 2015, 22, 17975-17986.	2.7	25
388	Enhanced simultaneous nitrification and denitrification via addition of biodegradable carrier Phragmites communis in biofilm pretreatment reactor treating polluted source water. Ecological Engineering, 2015, 84, 346-353.	1.6	14
389	Life Cycle Assessment of a Mini Hydro Power Plant in Indonesia: A Case Study in Karai River. Procedia CIRP, 2015, 29, 444-449.	1.0	38
390	Combining Denitrifying Bacteria and Laser Spectroscopy for Isotopic Analyses (δ ¹⁵ N,) Tj ETQq0 0	0 rgBT /Ov	erlock 10 Tf 5
391	Effect of temperature, salinity, heavy metals, ammonium concentration, pH and dissolved oxygen on ammonium removal by an aerobic nitrifier. RSC Advances, 2015, 5, 79988-79996.	1.7	32
392	Responses of Takifugu obscurus fertilized eggs and larvae to increased ammonia exposure. Environmental Science and Pollution Research, 2015, 22, 15976-15984.	2.7	7
393	Cold Temperature Effects on Long-Term Nitrogen Transformation Pathway in a Tidal Flow Constructed Wetland. Environmental Science & Eamp; Technology, 2015, 49, 13550-13557.	4.6	79
394	Pesticide impact on aquatic invertebrates identified with Chemcatcher \hat{A}^{\otimes} passive samplers and the SPEAR pesticides index. Science of the Total Environment, 2015, 537, 69-80.	3.9	51
395	Assessment of farmers' knowledge on fertilizer usage for peri-urban vegetable production in the Sunyani Municipality, Ghana. Resources, Conservation and Recycling, 2015, 103, 77-84.	5.3	11
396	Biofilm growth and nitrogen uptake responses to increases in nitrate and ammonium availability. Aquatic Sciences, 2015, 77, 695-707.	0.6	20
397	Ecological Simplification: Human Influences on Riverscape Complexity. BioScience, 2015, 65, 1057-1065.	2.2	99
398	Effects of nitrate concentration within legal limits on natural assemblages of plankton communities. Fundamental and Applied Limnology, 2015, 187, 1-10.	0.4	3
399	Effects of nitrate on metamorphosis, thyroid and iodothyronine deiodinases expression in Bufo gargarizans larvae. Chemosphere, 2015, 139, 402-409.	4.2	45
400	Sensitivity of the invasive bivalve Corbicula fluminea to candidate control chemicals: The role of dissolved oxygen conditions. Science of the Total Environment, 2015, 536, 825-830.	3.9	14
401	Effects of combined application of organic and inorganic fertilizers plus nitrification inhibitor DMPP on nitrogen runoff loss in vegetable soils. Environmental Science and Pollution Research, 2015, 22, 472-481.	2.7	26

#	Article	IF	CITATIONS
402	Ammonium threshold values for groundwater quality in the EU may not protect groundwater fauna: evidence from an alluvial aquifer in Italy. Hydrobiologia, 2015, 743, 139-150.	1.0	41
403	Water pollution monitoring by an artificial sensory system performing in terms of Vibrio fischeri bacteria. Sensors and Actuators B: Chemical, 2015, 207, 1069-1075.	4.0	30
404	Dominance of cyanobacterial and cryptophytic assemblage correlated to CDOM at heavy metal contamination sites of Gujarat, India. Environmental Monitoring and Assessment, 2015, 187, 4118.	1.3	17
405	Carbon dioxide deliming in leather production: a literature review. Journal of Cleaner Production, 2015, 87, 26-38.	4. 6	24
406	Water quality of tropical reservoir based on spatio-temporal variation in phytoplankton composition and physico-chemical analysis. International Journal of Environmental Science and Technology, 2015, 12, 2221-2232.	1.8	21
407	State of art of natural inhibitors of calcium carbonate scaling. A review article. Desalination, 2015, 356, 47-55.	4.0	237
408	A metaâ€analysis of the effects of nutrient enrichment on litter decomposition in streams. Biological Reviews, 2015, 90, 669-688.	4.7	208
409	Combating planktonic algae with benthic algae. Ecological Engineering, 2015, 74, 310-318.	1.6	8
410	Effects on inorganic nitrogen compounds release of contaminated sediment treatment with in situ calcium nitrate injection. Environmental Science and Pollution Research, 2015, 22, 1250-1260.	2.7	31
411	Potential Technologies for the Removal and Recovery of Nitrogen Compounds From Mine and Quarry Waters in Subarctic Conditions. Critical Reviews in Environmental Science and Technology, 2015, 45, 703-748.	6.6	33
412	Novel "turn on―fluorescent sensors based on anthracene and carbazone units for Cu (II) ion in CH3CN–H2O. Journal of Luminescence, 2015, 158, 86-90.	1.5	25
413	Thinking beyond the Bioreactor Box: Incorporating Stream Ecology into Edge-of-Field Nitrate Management. Journal of Environmental Quality, 2016, 45, 866-872.	1.0	9
414	Fluctuating Asymmetry in Two Common Freshwater Fishes as a Biological Indicator of Urbanization and Environmental Stress within the Middle Chattahoochee Watershed. Symmetry, 2016, 8, 124.	1.1	8
415	Development of Toxicological Risk Assessment Models for Acute and Chronic Exposure to Pollutants. Toxins, 2016, 8, 251.	1.5	9
416	Physical Factors Correlate to Microbial Community Structure and Nitrogen Cycling Gene Abundance in a Nitrate Fed Eutrophic Lagoon. Frontiers in Microbiology, 2016, 7, 1691.	1.5	17
417	Kinetic and Equilibrium Studies of Sorption of Ammonium in the Soil-Water Environment in Agricultural Areas of Central Poland. Applied Sciences (Switzerland), 2016, 6, 269.	1.3	36
418	Assessing impact of land use and climate change on regulating ecosystem services in the czech republic. Ecosystem Health and Sustainability, 2016, 2, .	1.5	30
419	Multipleâ€stressor effects on stream invertebrates: a mesocosm experiment manipulating nutrients, fine sediment and flow velocity. Freshwater Biology, 2016, 61, 362-375.	1.2	90

#	ARTICLE	IF	CITATIONS
420	Cytokine Responses in Gills of <1>Capoeta umbla 1 as Biomarkers of Environmental Pollution. Water Environment Research, 2016, 88, 217-222.	1.3	2
421	Shortâ€term toxicity of ammonia, nitrite, and nitrate to early life stages of the rare minnow (<i>Gobiocypris rarus</i>). Environmental Toxicology and Chemistry, 2016, 35, 1422-1427.	2.2	49
422	A connectivity and wildlife management conflict in isolated desert waters. Journal of Wildlife Management, 2016, 80, 655-666.	0.7	11
423	Anammox: A Sustainable Technology for Nitrogen Removal and Water Recycling., 2016,, 419-453.		2
424	Conservation potential of artificial water bodies for fish communities on a heavily modified agricultural floodplain. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 1184-1196.	0.9	17
425	Longâ€term water quality data explain interpopulation variation in responsiveness to stress in sticklebacks at both wastewater effluentâ€contaminated and uncontaminated sites. Environmental Toxicology and Chemistry, 2016, 35, 3014-3022.	2.2	4
426	Effects of elevated nitrate concentration on early thyroid morphology in Atlantic salmon (<i>Salmo) Tj ETQq0 0</i>	O rgBT /Ov	verlock 10 Tf !
427	Highly selective ion imprinted polymer based interdigital sensor for nitrite detection. , 2016, , .		6
428	Identification of ecological thresholds from variations in phytoplankton communities among lakes: contribution to the definition of environmental standards. Environmental Monitoring and Assessment, 2016, 188, 246.	1.3	22
429	An adsorption-release-biodegradation system for simultaneous biodegradation of phenol and ammonium in phenol-rich wastewater. Bioresource Technology, 2016, 211, 711-719.	4.8	43
430	Separation of nitrite and nitrate from water in aquaculture by nanofiltration membrane. Desalination and Water Treatment, 2016, 57, 26050-26062.	1.0	12
431	The effects of temperature and resource availability on denitrification and relative N 2 O production in boreal lake sediments. Journal of Environmental Sciences, 2016, 47, 82-90.	3.2	43
432	Small changes in water levels and groundwater nutrients alter nitrogen and carbon processing in dune slack soils. Soil Biology and Biochemistry, 2016, 99, 28-35.	4.2	11
433	Quantification and enzyme targets of fatty acid amides from duckweed root exudates involved in the stimulation of denitrification. Journal of Plant Physiology, 2016, 198, 81-88.	1.6	41
434	Enhanced removal of nitrate from water using amine-grafted agricultural wastes. Science of the Total Environment, 2016, 565, 503-510.	3.9	76
435	Environmentally relevant concentrations of nitrate increase plasma testosterone concentrations in female American alligators (Alligator mississippiensis). General and Comparative Endocrinology, 2016, 238, 55-60.	0.8	10
436	A mathematical model for soil solute transfer into surface runoff as influenced by rainfall detachment. Science of the Total Environment, 2016, 557-558, 590-600.	3.9	31
437	Water quality in Atlantic rainforest mountain rivers (South America): quality indices assessment, nutrients distribution, and consumption effect. Environmental Science and Pollution Research, 2016, 23, 15063-15075.	2.7	36

#	Article	IF	Citations
438	Editorial $\hat{a} \in A$ critical perspective on geo-engineering for eutrophication management in lakes. Water Research, 2016, 97, 1-10.	5.3	203
439	Membranes obtained on the basis of cellulose acetate and their use in removal of metal ions from liquid phase. Polish Journal of Chemical Technology, 2016, 18, 104-110.	0.3	6
440	Effects of nitrite stress on mRNA expression of antioxidant enzymes, immune-related genes and apoptosis-related proteins in Marsupenaeus japonicus. Fish and Shellfish Immunology, 2016, 58, 239-252.	1.6	22
441	Influence of chloride on the chronic toxicity of sodium nitrate to Ceriodaphnia dubia and Hyalella azteca. Ecotoxicology, 2016, 25, 1406-1416.	1.1	16
442	Water management practices exacerbate nitrogen retention in Mediterranean catchments. Science of the Total Environment, 2016, 573, 420-432.	3.9	43
443	Eutrophication, Ammonia Intoxication, and Infectious Diseases: Interdisciplinary Factors of Mass Mortalities in Cultured Nile Tilapia. Journal of Aquatic Animal Health, 2016, 28, 187-198.	0.6	34
444	Role of nitrates in the adaptation of fish to hypoxic conditions. Water Resources, 2016, 43, 177-183.	0.3	6
445	Analysing freshwater fish biodiversity records and respective conservation areas in Spain. Journal of Applied Ichthyology, 2016, 32, 240-248.	0.3	9
446	Association between fertilizer-mediated changes in microbial communities and Aedes albopictus growth and survival. Acta Tropica, 2016, 164, 54-63.	0.9	9
447	Clean electrochemical deposition of calcium carbonate to prevent scale formation in cooling water systems. Environmental Chemistry Letters, 2016, 14, 507-514.	8.3	19
448	Prediction of taxon occurrence: a test on taxonâ€specific change point values of stream benthic invertebrates. Freshwater Biology, 2016, 61, 1773-1786.	1.2	7
449	Limited uptake of nutrient input from sewage effluent in a tropical landscape. Freshwater Science, 2016, 35, 12-24.	0.9	9
450	Adsorptive Removal of Nitrate from Aqueous Solution Using Nitrogen Doped Activated Carbon. Chemical and Pharmaceutical Bulletin, 2016, 64, 1555-1559.	0.6	16
451	Pretreated Corn Husk Hydrolysate as the Carbon Source for Aerobic Denitrification with Low Levels of N2O Emission by Thermophilic Chelatococcus daeguensis TAD1. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	8
452	Lodging Resistance of Japonica Rice (Oryza Sativa L.): Morphological and Anatomical Traits due to top-Dressing Nitrogen Application Rates. Rice, 2016, 9, 31.	1.7	68
453	Bioenergetic cost of living in polluted freshwater bodies: respiration rates of the cyclopoid Eucyclops serrulatus under ammonia-N exposures. Fundamental and Applied Limnology, 2016, 188, 147-156.	0.4	10
454	Understanding planktonic vs. benthic algal response to manipulation of nutrients and light in a eutrophic lake. Lake and Reservoir Management, 2016, 32, 402-409.	0.4	12
455	Boosted Regression Tree Models to Explain Watershed Nutrient Concentrations and Biological Condition. Journal of the American Water Resources Association, 2016, 52, 1251-1274.	1.0	23

#	Article	IF	CITATIONS
456	Effects of Ammonia and Density on Filtering of Commensal and Pathogenic Escherichia coli by the Cladoceran Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 848-854.	1.3	10
457	Development of an Integrated Environmental Impact Assessment Model for Assessing Nitrogen Emissions from Wastewater Treatment Plants. Journal of Water and Environment Technology, 2016, 14, 6-14.	0.3	3
458	Assessing the ammonium nitrate formation regime in the Paris megacity and its representation in the CHIMERE model. Atmospheric Chemistry and Physics, 2016, 16, 10419-10440.	1.9	50
459	Urea Hydrolysis Rate in Soil Toposequences as Influenced by pH, Carbon, Nitrogen, and Soluble Metals. Journal of Environmental Quality, 2016, 45, 349-359.	1.0	27
460	Fate of dissolved oxygen and survival of fish population in aquatic ecosystem with nutrient loading: a model. Modeling Earth Systems and Environment, 2016, 2, 1.	1.9	16
461	Sodium nitrite enhances generation of reactive oxygen species that decrease antioxidant power and inhibit plasma membrane redox system of human erythrocytes. Cell Biology International, 2016, 40, 887-894.	1.4	20
463	Does nitrate co-pollution affect biological responses of an aquatic plant to two common herbicides?. Aquatic Toxicology, 2016, 177, 355-364.	1.9	21
464	A sediment-specific family-level biomonitoring tool to identify the impacts of fine sediment in temperate rivers and streams. Ecological Indicators, 2016, 70, 151-165.	2.6	62
465	Seasonal population changes in the ammonia-oxidizing bacteria community structure of Songhua Lake, China. Chemical Engineering Research and Design, 2016, 104, 523-530.	2.7	3
466	Dynamics of Dissolved Oxygen and the Affecting Factors in Sediment of Polluted Urban Rivers under Aeration Treatment. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	10
467	Contrasting Phytoplankton Structure and Morphologically Based Functional Groups of Reservoirs That Differ in the Adjacent Surrounding. Clean - Soil, Air, Water, 2016, 44, 638-647.	0.7	4
468	Density constrains cascading consequences of warming and nitrogen from invertebrate growth to litter decomposition. Ecology, 2016, 97, 1635-1642.	1.5	13
469	Ecological impact and recovery of a Mediterranean river after receiving the effluent from a textile dyeing industry. Ecotoxicology and Environmental Safety, 2016, 132, 295-303.	2.9	43
470	Relative Abundance of Nitrotoga spp. in a Biofilter of a Cold-Freshwater Aquaculture Plant Appears To Be Stimulated by Slightly Acidic pH. Applied and Environmental Microbiology, 2016, 82, 1838-1845.	1.4	47
471	Empowering a mesophilic inoculum for thermophilic nitrification: Growth mode and temperature pattern as critical proliferation factors for archaeal ammonia oxidizers. Water Research, 2016, 92, 94-103.	5.3	17
472	Multiple Effects of Environmental Factors on Algal Growth and Nutrient Thresholds for Harmful Algal Blooms: Application of Response Surface Methodology. Environmental Modeling and Assessment, 2016, 21, 247-259.	1.2	36
473	Plant growth-promoting effects of rhizospheric and endophytic bacteria associated with different tomato cultivars and new tomato hybrids. Chemical and Biological Technologies in Agriculture, 2016, 3, .	1.9	88
474	Removing nitrate from water using iron-modified Dowex 21K XLT ion exchange resin: Batch and fluidised-bed adsorption studies. Separation and Purification Technology, 2016, 158, 62-70.	3.9	84

#	Article	IF	CITATIONS
475	Experimental and molecular dynamics study on anion diffusion in organically modified bentonite. Applied Clay Science, 2016, 120, 91-100.	2.6	22
476	Improving composting as a post-treatment of anaerobic digestate. Bioresource Technology, 2016, 201, 293-303.	4.8	88
477	Trace dissolved ammonia sensor based on porous polyelectrolyte membrane-coated thin-core fiber modal interferometer. Sensors and Actuators B: Chemical, 2016, 226, 7-13.	4.0	15
478	Effect of biochar additions to soil on nitrogen leaching, microbial biomass and bacterial community structure. European Journal of Soil Biology, 2016, 74, 1-8.	1.4	839
479	Effect of nitrogen dioxide and sulfur dioxide on viability and morphology of oak pollen. International Forum of Allergy and Rhinology, 2016, 6, 95-100.	1.5	37
480	Nutrients in the nexus. Journal of Environmental Studies and Sciences, 2016, 6, 25-38.	0.9	29
481	Cradle to gate environmental impact assessment of acrylic fiber manufacturing. International Journal of Life Cycle Assessment, 2016, 21, 326-336.	2.2	30
482	Driving mechanisms of nitrogen transport and transformation in lacustrine wetlands. Science China Earth Sciences, 2016, 59, 464-476.	2.3	6
483	A review of managed nitrate addition to enhance surface water quality. Critical Reviews in Environmental Science and Technology, 0, , 1-28.	6.6	8
484	Modelling nitrate pollution pressure using a multivariate statistical approach: the case of Kinshasa groundwater body, Democratic Republic of Congo. Hydrogeology Journal, 2016, 24, 425-437.	0.9	28
485	Nutrients versus emerging contaminants–Or a dynamic match between subsidy and stress effects on stream biofilms. Environmental Pollution, 2016, 212, 208-215.	3.7	41
486	A modeling study on mitigation of N2O emissions and NO3 leaching at different agricultural sites across Europe using LandscapeDNDC. Science of the Total Environment, 2016, 553, 128-140.	3.9	52
487	Nitrogen Pollution Is Linked to US Listed Species Declines. BioScience, 2016, 66, 213-222.	2.2	42
488	The dynamics and equilibrium of ammonium removal from aqueous solution by Na-Y zeolite. Desalination and Water Treatment, 2016, 57, 18992-19001.	1.0	4
489	Responses to nitrate pollution, warming and density inÂcommonÂfrogÂtadpoles (Rana temporaria). Amphibia - Reptilia, 2016, 37, 45-54.	0.1	9
490	Effects of ammonia stress in the Amazon river shrimp Macrobrachium amazonicum (Decapoda,) Tj ETQq $1\ 1\ 0.78$	34314 rgB ⁻	Г/Qyerlock 1
491	Water Pollution and Water Quality Control of Selected Chinese Reservoir Basins. Handbook of Environmental Chemistry, 2016, , .	0.2	7
492	Equilibrium and kinetic study of ammonium ion adsorption by Fe3O4 nanoparticles from aqueous solutions. Journal of Molecular Liquids, 2016, 213, 345-350.	2.3	53

#	Article	IF	Citations
493	Ecological and toxicological responses in a multistressor scenario: Are monitoring programs showing the stressors or just showing stress? A case study in Brazil. Science of the Total Environment, 2016, 540, 466-476.	3.9	8
494	Chemical and electrochemical study of the inhibition of calcium carbonate precipitation using citric acid and sodium citrate. Desalination and Water Treatment, 2016, 57, 16300-16309.	1.0	13
495	An integrated cleaner beamhouse process for minimization ofÂnitrogen pollution in leather manufacture. Journal of Cleaner Production, 2016, 112, 2-8.	4.6	33
496	Potential for denitrification in sequencing batch constructed wetlands cultivated with <i>T. latifolia </i> and <i>C. zizanioides </i> Desalination and Water Treatment, 2016, 57, 5464-5472.	1.0	8
497	Automated determination of nitrate plus nitrite in aqueous samples with flow injection analysis using vanadium (III) chloride as reductant. Talanta, 2016, 146, 744-748.	2.9	52
498	Are Amazonian fish more sensitive to ammonia? Toxicity of ammonia to eleven native species. Hydrobiologia, 2017, 789, 143-155.	1.0	37
499	Review and conceptual models of agricultural impacts and water quality in waterways of the Great Barrier Reef catchment area. Marine and Freshwater Research, 2017, 68, 1.	0.7	54
500	Scale formation and control in oil and gas fields: A review. Journal of Dispersion Science and Technology, 2017, 38, 661-670.	1.3	90
501	Plant–microbe interaction in aquatic system and their role in the management of water quality: a review. Applied Water Science, 2017, 7, 1079-1090.	2.8	96
502	Concentration and health risk assessment of nitrates in vegetables from conventional and organic farming. Human and Ecological Risk Assessment (HERA), 2017, 23, 727-740.	1.7	16
503	Pollution Assessment of the BiobÃo River (Chile): Prioritization of Substances of Concern Under an Ecotoxicological Approach. Environmental Management, 2017, 59, 856-869.	1.2	8
504	Physical and monetary ecosystem service accounts for Europe: A case study for in-stream nitrogen retention. Ecosystem Services, 2017, 23, 18-29.	2.3	64
505	Spatioâ€ŧemporal patterns of major ions in urban stormwater under cold climate. Hydrological Processes, 2017, 31, 1564-1577.	1.1	20
506	Coupling of Pd nanoparticles and denitrifying biofilm promotes H2-based nitrate removal with greater selectivity towards N2. Applied Catalysis B: Environmental, 2017, 206, 461-470.	10.8	60
507	Pathways for the effects of increased nitrogen deposition on fauna. Biological Conservation, 2017, 212, 423-431.	1.9	58
508	Response of fish communities to multiple pressures: Development of a total anthropogenic pressure intensity index. Science of the Total Environment, 2017, 586, 502-511.	3.9	43
509	Regulation of Dietary Nitrate and Nitrite: Balancing Essential Physiological Roles with Potential Health Risks., 2017,, 153-162.		12
510	Temperature Decouples Ammonium and Nitrite Oxidation in Coastal Waters. Environmental Science & Environmental	4.6	55

#	Article	IF	Citations
511	Optimization of Nitrate Removal Efficiency and Energy Consumption Using a Batch Monopolar Electrocoagulation: Prediction by RSM Method. Journal of Environmental Engineering, ASCE, 2017, 143, .	0.7	31
512	Histological alterations in gills of Macrobrachium amazonicum juveniles exposed to ammonia and nitrite. Aquatic Toxicology, 2017, 187, 115-123.	1.9	34
513	A fish-based index for the assessment of the ecological quality of temperate lakes. Ecological Indicators, 2017, 78, 556-565.	2.6	24
514	Identification of coastal water quality by multivariate statistical techniques in two typical bays of northern Zhejiang Province, East China Sea. Acta Oceanologica Sinica, 2017, 36, 1-10.	0.4	18
515	Assessment of the joint effect of thermal stress, pollution, and parasitic infestation on the activity of antioxidative enzymes in pulmonate mollusk Lymnaea stagnalis. Contemporary Problems of Ecology, 2017, 10, 157-163.	0.3	2
516	Applications of LEDs in optical sensors and chemical sensing device for detection of biochemicals, heavy metals, and environmental nutrients. Renewable and Sustainable Energy Reviews, 2017, 75, 461-468.	8.2	58
517	CO ₂ -driven experimental acidification effects on aquatic macroinvertebrates in a tropical stream. Journal of Freshwater Ecology, 2017, 32, 199-208.	0.5	2
518	Sexâ€dependent implications of primary productivity and conspecific density on geographical body size variation in a newt: disentangling local, large scale and genetic factors. Journal of Biogeography, 2017, 44, 2096-2108.	1.4	5
519	Reactive nitrogen species (RNS)-resistant microbes: adaptation and medical implications. Biological Chemistry, 2017, 398, 1193-1208.	1.2	41
520	Analysis of temporal and spatial variations in groundwater nitrate and development of its pollution plume: a case study in Karaj aquifer. Environmental Earth Sciences, 2017, 76, 1.	1.3	23
521	Effects of high ammonia concentrations on three cyprinid fish: Acute and whole-ecosystem chronic tests. Science of the Total Environment, 2017, 598, 900-909.	3.9	42
522	Indicators of Groundwater Potential for Nitrate Transformation in a Reductive Environment. Water Environment Research, 2017, 89, 4-16.	1.3	10
523	A new analytical framework of farming system and agriculture model diversities. A review. Agronomy for Sustainable Development, 2017, 37, 1.	2.2	179
524	Multiple stress response of lowland stream benthic macroinvertebrates depends on habitat type. Science of the Total Environment, 2017, 599-600, 1517-1523.	3.9	32
525	Synthesis and scale inhibition performance of a novel environmental friendly and hydrophilic terpolymer inhibitor. Desalination, 2017, 416, 166-174.	4.0	64
526	Air Flow Assisted One Step Synthesis of Porous Carbon with Selected Area Enriched Ag/ZnO Nanocomposites. ACS Sustainable Chemistry and Engineering, 2017, 5, 5651-5656.	3.2	5
527	Effects of Organic Amendments on Microbiota Associated with the Culex nigripalpus Mosquito Vector of the Saint Louis Encephalitis and West Nile Viruses. MSphere, 2017, 2, .	1.3	26
528	Response of digestive organs of Hypsiboas albopunctatus (Anura:ÂHylidae) to benzo[α]pyrene. Amphibia - Reptilia, 2017, 38, 175-185.	0.1	10

#	Article	IF	CITATIONS
529	The start-up of an anammox reactor as the second step for the treatment of ammonium rich refinery (IGCC) wastewater with high C org /N ratio. Ecological Engineering, 2017, 106, 358-368.	1.6	5
530	Nitrogen Cycle in Engineered and Natural Ecosystemsâ€"Past and Current. Current Pollution Reports, 2017, 3, 120-140.	3.1	19
531	Coordinated nitrogen and carbon remobilization for nitrate assimilation in leaf, sheath and root and associated cytokinin signals during early regrowth of Lolium perenne. Annals of Botany, 2017, 119, 1353-1364.	1.4	13
532	Municipal wastewater treatment plant effluent-induced effects on freshwater mussel populations and the role of mussel refugia in recolonizing an extirpated reach. Environmental Pollution, 2017, 225, 460-468.	3.7	15
533	A GIS policy approach for assessing the effect of fertilizers on the quality of drinking and irrigation water and wellhead protection zones (Crete, Greece). Journal of Environmental Management, 2017, 189, 150-159.	3.8	38
534	Elucidation of the tidal influence on bacterial populations in a monsoon influenced estuary through simultaneous observations. Environmental Monitoring and Assessment, 2017, 189, 41.	1.3	28
535	Design and Kinetic Study of Sustainable Potential Slow-Release Fertilizer Obtained by Mechanochemical Activation of Clay Minerals and Potassium Monohydrogen Phosphate. Industrial & Engineering Chemistry Research, 2017, 56, 708-716.	1.8	45
536	A novel poly ligand exchanger – Cu(II)-loaded chelating resin for the removal of ammonia-nitrogen in aqueous solutions. Environmental Technology (United Kingdom), 2017, 38, 1-11.	1.2	7
538	Forced ammonia stripping from livestock wastewater: the influence of some physico-chemical parameters of the wastewater. Water Science and Technology, 2017, 75, 686-692.	1.2	14
539	Evaluation of nitrate levels in groundwater under agricultural fields in two pilot areas in central Chile: A hydrogeological and geochemical approach. Hydrological Processes, 2017, 31, 1206-1224.	1.1	15
540	Microbial colonization and decomposition of invasive and native leaf litter in the littoral zone of lakes of different trophic state. Limnologica, 2017, 67, 54-63.	0.7	5
541	Desert amphibian selection of arid land breeding habitat undermines reproductive effort. Oecologia, 2017, 185, 619-627.	0.9	4
542	Risks for Life on Habitable Planets from Superflares of Their Host Stars. Astrophysical Journal, 2017, 848, 41.	1.6	59
543	Vulnerability assessment index at process-level for the identification of adaptive strategies in wastewater treatment plants under climate change. Korean Journal of Chemical Engineering, 2017, 34, 3054-3066.	1.2	3
544	Multimetric assessment of macroinvertebrate responses to mitigation measures in a dammed and polluted river of Central Spain. Ecological Indicators, 2017, 83, 356-367.	2.6	8
545	Antipredator escape distances of common and threatened birds. Behavioral Ecology, 2017, 28, 1498-1503.	1.0	8
546	Combined effects of microcystin and nitrite on the growth, lipid peroxidation, and antioxidant responses of the freshwater rotifer Brachionus calyciflorus. Aquatic Toxicology, 2017, 192, 78-88.	1.9	14
547	Enhancement of carbon and nitrogen removal by helophytes along subsurface water flowpaths receiving treated wastewater. Science of the Total Environment, 2017, 599-600, 1667-1676.	3.9	16

#	Article	IF	CITATIONS
548	Electrochemical aptasensors for contaminants detection in food and environment: Recent advances. Bioelectrochemistry, 2017, 118, 47-61.	2.4	129
549	Toxic effects of <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:msubsup> <mml:mtext> NH </mml:mtext> <mml:mn> 4 </mml:mn> <mml:mo> < on embryonic development of Bufo gargarizans and Rana chensinensis. Chemosphere, 2017, 182, 617-623.</mml:mo></mml:msubsup></mml:math>	< ∤n2 ml:ms	su b sup>
550	Effect of feeding frequency on growth, body composition, antioxidant status and mRNA expression of immunodependent genes before or after ammonia-N stress in juvenile oriental river prawn, Macrobrachium nipponense. Fish and Shellfish Immunology, 2017, 68, 428-434.	1.6	18
551	A Nitrogen Physical Input-Output Table (PIOT) model for Illinois. Ecological Modelling, 2017, 360, 194-203.	1.2	21
552	The presence of non-native species is not associated with native fish sensitivity to water pollution in greatly hydrologically altered rivers. Science of the Total Environment, 2017, 607-608, 549-557.	3.9	13
553	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
554	Enhancing the assessment of critical resource use at the country level with the SCARCE method $\hat{a} \in$ Case study of Germany. Resources Policy, 2017, 53, 283-299.	4.2	33
555	Sensitivity analysis for the total nitrogen pollution of the Danjiangkou Reservoir based on a 3-D water quality model. Frontiers of Earth Science, 2017, 11, 609-619.	0.9	5
556	Can Biochar Covers Reduce Emissions from Manure Lagoons While Capturing Nutrients?. Journal of Environmental Quality, 2017, 46, 659-666.	1.0	19
557	Nitrogen management and regulation for optimum NUE in maize – A mini review. Cogent Food and Agriculture, 2017, 3, 1348214.	0.6	31
558	Anthropogenic Threats to Intermittent Rivers and Ephemeral Streams. , 2017, , 433-454.		36
559	A Novel Photocatalytic Purification System for Fish Culture. Zebrafish, 2017, 14, 411-421.	0.5	19
560	Denitrification of the anaerobic membrane bioreactor (AnMBR) effluent with alternative electron donors in domestic wastewater treatment. Bioresource Technology, 2017, 243, 1173-1179.	4.8	14
561	Nitrate concentrations and source identification in a Mediterranean river system. Rendiconti Lincei, 2017, 28, 291-301.	1.0	10
562	Cloning and characterization of nitrate reductase gene in <i>Ulva prolifera</i> (Ulvophyceae,) Tj ETQq0 0 0 rgBT	Overlock 1.0	19 ₀ Tf 50 182
563	Effects of pH and H2O2 on ammonia, nitrite, and nitrate transformations during UV254nm irradiation: Implications to nitrogen removal and analysis. Chemosphere, 2017, 184, 1003-1011.	4.2	67
564	Determination of trace levels of ammonia in marine waters using a simple environmentally-friendly ammonia (SEA) analyser. Marine Chemistry, 2017, 194, 133-145.	0.9	23
565	Microbial mediated anoxic nitrification-denitrification in the presenceÂof nanoscale oxides of manganese. International Biodeterioration and Biodegradation, 2017, 119, 499-510.	1.9	34

#	ARTICLE	IF	CITATIONS
566	Identifying congruence in stream assemblage thresholds in response to nutrient and sediment gradients for limit setting. Ecological Applications, 2017, 27, 469-484.	1.8	29
567	Fisheries, low oxygen and climate change: how much do we really know?. Journal of Fish Biology, 2017, 90, 723-750.	0.7	26
568	Sensors for Everyday Life. Smart Sensors, Measurement and Instrumentation, 2017, , .	0.4	0
569	Carbonate minerals in the global carbon cycle. Chemical Geology, 2017, 449, 58-72.	1.4	114
570	The Acceptor Side of Photosystem II Is the Initial Target of Nitrite Stress in Synechocystis sp. Strain PCC 6803. Applied and Environmental Microbiology, 2017, 83, .	1.4	24
571	Fine-scale determinants of conservation value of river reaches in a hotspot of native and non-native species diversity. Science of the Total Environment, 2017, 574, 455-466.	3.9	28
572	Evaluation of the effect of water type on the toxicity of nitrate to aquatic organisms. Chemosphere, 2017, 168, 435-440.	4.2	28
573	High-rate thiosulfate-driven denitrification at pH lower than 5 in fluidized-bed reactor. Chemical Engineering Journal, 2017, 310, 282-291.	6.6	42
574	Approach to qualify decision support maturity of new versus established impact assessment methodsâ€"demonstrated for the categories acidification and eutrophication. International Journal of Life Cycle Assessment, 2017, 22, 387-397.	2,2	32
575	Nitrogen Removal and N ₂ O Accumulation during Hydrogenotrophic Denitrification: Influence of Environmental Factors and Microbial Community Characteristics. Environmental Science & Environmental &	4.6	84
576	Effects of harbor activities on sediment quality in a semi-arid region in Brazil. Ecotoxicology and Environmental Safety, 2017, 135, 137-151.	2.9	31
577	Assessment of the denitrification process in alluvial wetlands at floodplain scale using the SWAT model. Ecological Engineering, 2017, 103, 344-358.	1.6	14
578	Highâ€frequency dissolved organic carbon and nitrate measurements reveal differences in storm hysteresis and loading in relation to land cover and seasonality. Water Resources Research, 2017, 53, 5345-5363.	1.7	159
579	Leaf litter additions enhance stream metabolism, denitrification, and restoration prospects for agricultural catchments. Ecosphere, 2017, 8, e02018.	1.0	25
580	Development of the selectivity of nitrate sensors based on ion imprinted polymerization technique. , 2017, , .		4
581	Enhanced hyporheic exchange flow around woody debris does not increase nitrate reduction in a sandy streambed. Biogeochemistry, 2017, 136, 353-372.	1.7	18
582	Effects of live rock on removal of dissolved inorganic nitrogen in coral aquaria. Acta Oceanologica Sinica, 2017, 36, 87-94.	0.4	10
583	Quantifying the Environmental Benefits of Conserving Grassland. Journal of Management and Sustainability, 2017, 7, 65.	0.2	4

#	Article	IF	CITATIONS
584	Assessment of the Efficiency of a Pilot Constructed Wetland on the Remediation of Water Quality; Case Study of Litani River, Lebanon. Environment Pollution and Climate Change, 2017, s1, .	0.1	2
585	Perfused Gills Reveal Fundamental Principles of pH Regulation and Ammonia Homeostasis in the Cephalopod Octopus vulgaris. Frontiers in Physiology, 2017, 8, 162.	1.3	16
586	Application of Endophytic Pseudomonas fluorescens and a Bacterial Consortium to Brassica napus Can Increase Plant Height and Biomass under Greenhouse and Field Conditions. Frontiers in Plant Science, 2017, 8, 2193.	1.7	83
587	Global consequences of afforestation and bioenergy cultivation on ecosystem service indicators. Biogeosciences, 2017, 14, 4829-4850.	1.3	33
588	Comparative Analysis between Ecotoxicity of Nitrogen-, Phosphorus-, and Potassium-Based Fertilizers and Their Active Ingredients. Toxics, 2017, 5, 2.	1.6	17
589	Development of an Integrated Water Quality and Macroalgae Simulation Model for Tidal Marsh Eutrophication Control Decision Support. Water (Switzerland), 2017, 9, 277.	1.2	8
590	Performance of an Agricultural Wetland-Reservoir-Irrigation Management System. Water (Switzerland), 2017, 9, 472.	1.2	6
591	Nitrate Leaching from Sand and Pumice Geomedia Amended with Pyrogenic Carbon Materials. Environments - MDPI, 2017, 4, 70.	1.5	0
592	Enhancing Nitrate Removal from Freshwater Pond by Regulating Carbon/Nitrogen Ratio. Frontiers in Microbiology, 2017, 8, 1712.	1.5	29
593	Adsorption of Nitrates Using Quaternized Chitosan Resin. Journal of Chemical Engineering & Process Technology, 2017, 08, .	0.1	0
594	The agricultural impact of pesticides on Physalaemus cuvieri tadpoles (Amphibia: Anura) ascertained by comet assay. Zoologia, 0, 34, 1-8.	0.5	19
595	Fertilizer Management and Environmental Factors Drive N ₂ O and NO ₃ Losses in Corn: A Metaâ€Analysis. Soil Science Society of America Journal, 2017, 81, 1191-1202.	1.2	91
596	Efecto de la secuencia anaeróbica-óxica-anóxica (AOA) en la eliminación de materia orgánica, fósforo y nitrógeno en un SBR modificado a escala de laboratorio. Ingeniare, 2017, 25, 477-491.	0.1	0
597	EFFECT OF TURBULENCE ON NITRIFICATION RATE IN FRESHWATER COLUMN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2017, 73, I_1201-I_1206.	0.0	0
598	Intermittent aeration incubation of drinking water treatment residuals for recycling in aquatic environment remediation. Journal of Cleaner Production, 2018, 183, 220-230.	4.6	19
599	Economics of social trade-off: Balancing wastewater treatment cost and ecosystem damage. Journal of Environmental Management, 2018, 211, 42-52.	3.8	20
600	Nitrate Removal from Groundwater by Heterotrophic/Autotrophic Denitrification Using Easily Degradable Organics and Nano-Zero Valent Iron as Co-Electron Donors. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	25
601	Reproductive endpoints of Rhinella arenarum (Anura, Bufonidae): Populations that persist in agroecosystems and their use for the environmental health assessment. Ecotoxicology and Environmental Safety, 2018, 154, 294-301.	2.9	20

#	Article	IF	CITATIONS
602	Predation and nutrients drive population declines in breeding waders. Ecological Applications, 2018, 28, 1292-1301.	1.8	5
603	The Effects of Turbulence and Carbon Amendments on Nitrate Uptake and Microbial Gene Abundances in Stream Sediment. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1289-1301.	1.3	12
604	Development of water quality criteria of ammonia for protecting aquatic life in freshwater using species sensitivity distribution method. Science of the Total Environment, 2018, 634, 934-940.	3.9	37
605	Role and application of iron in water treatment for nitrogen removal: A review. Chemosphere, 2018, 204, 51-62.	4.2	100
606	Recycling of drinking water treatment residue as an additional medium in columns for effective P removal from eutrophic surface water. Journal of Environmental Management, 2018, 217, 363-372.	3.8	31
607	Adsorption of nitrate onto biochar derived from agricultural residuals. Water Science and Technology, 2018, 77, 548-554.	1.2	38
608	Automated determination of ammonium in natural waters with reverse flow injection analysis based on the indophenol blue method with o -phenylphenol. Microchemical Journal, 2018, 138, 519-525.	2.3	29
609	Application of the Random Forest model for chlorophyll-a forecasts in fresh and brackish water bodies in Japan, using multivariate long-term databases. Journal of Hydroinformatics, 2018, 20, 206-220.	1.1	51
610	Macroinvertebrate and fish communities in the watershed of a re-constructed Mediterranean water body: link to the ecological potential. Environmental Monitoring and Assessment, 2018, 190, 106.	1.3	6
612	Scaling to the Organism: An Innovative Model of Dynamic Exposure Hotspots in Stream Systems. Archives of Environmental Contamination and Toxicology, 2018, 74, 372-394.	2.1	9
613	Biomarkers as tools to assess the chronic toxicity of ammonia in the juvenile Mugil cephalus. Chemistry and Ecology, 2018, 34, 99-107.	0.6	1
614	Impact of Agricultural Animals on the Environment. , 2018, , 427-449.		6
615	When Cleaning Too Much Pollution Can Be a Bad Thing: A Field Experiment of Consumer Demand for Oysters. Ecological Economics, 2018, 146, 686-695.	2.9	12
616	Gas-diffusion-based passive sampler for ammonia monitoring in marine waters. Talanta, 2018, 181, 52-56.	2.9	13
617	Bioremediation of Industrial and Municipal Wastewater Using Microalgae. Energy, Environment, and Sustainability, 2018, , 331-357.	0.6	1
618	Bioremediation: Applications for Environmental Protection and Management. Energy, Environment, and Sustainability, 2018, , .	0.6	16
619	Optimization of a salinity-interference-free indophenol method for the determination of ammonium in natural waters using o-phenylphenol. Talanta, 2018, 179, 608-614.	2.9	31
620	Application potential of aerobic denitrifiers coupled with a biostimulant for nitrogen removal from urban river sediment. Environmental Science and Pollution Research, 2018, 25, 5980-5993.	2.7	31

#	Article	IF	CITATIONS
621	Impact of cover crop and season on nutrients and sediment in runoff water measured at the edge of fields in the Mississippi Delta of Arkansas. Journal of Soils and Water Conservation, 2018, 73, 24-34.	0.8	27
622	Combination effect of sponge iron and calcium nitrate on severely eutrophic urban landscape water: an integrated study from laboratory to fields. Environmental Science and Pollution Research, 2018, 25, 8350-8363.	2.7	9
623	The fate of nitrogen through algal treatment of landfill leachate. Algal Research, 2018, 30, 50-58.	2.4	30
624	The molecular processes of urea hydrolysis in relation to ammonia emissions from agriculture. Reviews in Environmental Science and Biotechnology, 2018, 17, 241-258.	3.9	196
625	Development of an Integrated Syringe-Pump-Based Environmental-Water Analyzer (<i>i</i> SEA) and Application of It for Fully Automated Real-Time Determination of Ammonium in Fresh Water. Analytical Chemistry, 2018, 90, 6431-6435.	3.2	26
626	Welfare in the Cultured Siberian Sturgeon, Acipenser baerii Brandt: State of the Art., 2018,, 403-450.		1
627	Ecological risks posed by ammonia nitrogen (AN) and un-ionized ammonia (NH3) in seven major river systems of China. Chemosphere, 2018, 202, 136-144.	4.2	66
628	Reproductive endocrinology of environmental nitrate. General and Comparative Endocrinology, 2018, 265, 31-40.	0.8	14
629	Linking planetary boundaries and ecosystem accounting, with an illustration for the Colombian Orinoco river basin. Regional Environmental Change, 2018, 18, 1521-1534.	1.4	9
630	From isolation to connectivity: the effect of floodplain lake restoration on sediments as habitats for macroinvertebrate communities. Aquatic Sciences, 2018, 80, 1.	0.6	15
631	Submerged membrane adsorption hybrid system using four adsorbents to remove nitrate from water. Environmental Science and Pollution Research, 2018, 25, 20328-20335.	2.7	21
632	Ammonium-nitrate dynamics in the critical zone during single irrigation events with untreated sewage effluents. Journal of Soils and Sediments, 2018, 18, 467-480.	1.5	12
633	Fish parasites as indicators of organic pollution in southern Brazil. Journal of Helminthology, 2018, 92, 322-331.	0.4	18
634	Impacts of varying durations of passive oxygen exposure on freshwater denitrifier community structure and function. Aquatic Ecology, 2018, 52, 35-49.	0.7	0
635	Electrical stimulation for enhanced denitrification in woodchip bioreactors: Opportunities and challenges. Ecological Engineering, 2018, 110, 38-47.	1.6	14
636	An Empirical Model for River Ecological Management with Uncertainty Evaluation. Water Resources Management, 2018, 32, 897-912.	1.9	4
637	Removing ammonium from water and wastewater using cost-effective adsorbents: A review. Journal of Environmental Sciences, 2018, 63, 174-197.	3.2	205
638	Efficient nitrification treatment of comprehensive industrial wastewater by using Novel Mass Bio System. Journal of Cleaner Production, 2018, 172, 368-384.	4.6	28

#	Article	IF	CITATIONS
639	Historical shifts in oxygenation regime as recorded in the laminated sediments of lake MontcortÃ's (Central Pyrenees) support hypoxia as a continental-scale phenomenon. Science of the Total Environment, 2018, 612, 1577-1592.	3.9	34
640	Introducing nested spatial scales in multi-stress models: towards better assessment of human impacts on river ecosystems. Hydrobiologia, 2018, 806, 347-361.	1.0	9
641	Distribution and utilization of nitrogen on moderately and heavily grazed temperate desert steppe using the 15N tracing technique. Applied Soil Ecology, 2018, 124, 69-74.	2.1	3
642	Plant growth and nutrient uptake in treatment wetlands for water with low pollutant concentration. Water Science and Technology, 2018, 77, 1072-1078.	1.2	10
643	Insights into Nitrate Reduction over Indium-Decorated Palladium Nanoparticle Catalysts. ACS Catalysis, 2018, 8, 503-515.	5.5	188
644	Impacts of zeolite, alum and polyaluminum chloride amendments mixed with agricultural wastes on soil column leachate, and CO2 and CH4 emissions. Journal of Environmental Management, 2018, 206, 398-408.	3.8	5
645	Sediment denitrification in Yangtze lakes is mainly influenced by environmental conditions but not biological communities. Science of the Total Environment, 2018, 616-617, 978-987.	3.9	69
646	Wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan, China during 2015–2016: Possible effects from regional emission reduction and local tourist activities. Environmental Pollution, 2018, 233, 267-277.	3.7	39
647	Impact of abiotic factors on some biological indices of <i>Cyprinus carpio</i> (L., 1758) in Ghrib dam lake, (Algeria). African Journal of Ecology, 2018, 56, 63-72.	0.4	1
648	Impacts and Effects Indicators of Atmospheric Deposition of Major Pollutants to Various Ecosystems - A Review. Aerosol and Air Quality Research, 2018, 18, 1953-1992.	0.9	114
649	Summer Fertigation of Dairy Slurry Reduces Soil Nitrate Concentrations and Subsurface Drainage Nitrate Losses Compared to Fall Injection. Frontiers in Sustainable Food Systems, 2018, 2, .	1.8	11
650	Eco-Fer (Ecotru Fixed Bed Reactor): Application of Ecotru on Fixed Bed Reactor for Eliminating Ammonium in Waste Water. E3S Web of Conferences, 2018, 73, 05005.	0.2	0
651	Water Quality Assessment of Tributaries of Batang Baleh in Sarawak Using Cluster Analysis. Scientific World Journal, The, 2018, 2018, 1-9.	0.8	7
652	Application of a novel Mass Bio System to remove low-concentration ammonia nitrogen from water bodies. RSC Advances, 2018, 8, 42429-42437.	1.7	3
653	Comprehensive assessment of fertiliser-linked environmental externalities and its key determinants: IWRM approach. Interdisciplinary Environmental Review, 2018, 19, 44.	0.1	0
654	Organic Fertilizers and Nutrient Recycling from Diluted Waste Streams. , 0, , .		0
655	The Use of Sensors for Monitoring the Feeding Process and Adjusting the Feed Supply Velocity in Fish Farms. Journal of Sensors, 2018, 2018, 1-14.	0.6	15
656	Treatment of Wastewater Using Seaweed: A Review. International Journal of Environmental Research and Public Health, 2018, 15, 2851.	1.2	89

#	Article	IF	CITATIONS
657	Quantifying the Role of Large Floods in Riverine Nutrient Loadings Using Linear Regression and Analysis of Covariance. Sustainability, 2018, 10, 2876.	1.6	7
658	Denitrification performance of acclimated bio-floc in sequencing batch reactor. IOP Conference Series: Earth and Environmental Science, 2018, 108, 042072.	0.2	O
659	Shifts in the Community Dynamics and Activity of Ammoniaâ€Oxidizing Prokaryotes Along the Yangtze Estuarine Salinity Gradient. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3458-3469.	1.3	18
660	Organic Matter Regulates Ammonia-Oxidizing Bacterial and Archaeal Communities in the Surface Sediments of Ctenopharyngodon idellus Aquaculture Ponds. Frontiers in Microbiology, 2018, 9, 2290.	1.5	28
662	Present status of water chemistry and acidification under nonpoint sources of pollution across European Russia and West Siberia. Environmental Research Letters, 2018, 13, 105007.	2.2	16
663	Characterization of bacterial and microbial eukaryotic communities associated with an ephemeral hypoxia event in Taihu Lake, a shallow eutrophic Chinese lake. Environmental Science and Pollution Research, 2018, 25, 31543-31557.	2.7	20
664	Effectiveness of ammonia reduction on control of fine particle nitrate. Atmospheric Chemistry and Physics, 2018, 18, 12241-12256.	1.9	120
665	Exploration of nano carbons in relevance to plant systems. New Journal of Chemistry, 2018, 42, 16411-16427.	1.4	38
666	Editorial to the thematic issue new insights into the nitrogen cycle. FEMS Microbiology Letters, 2018, 365, .	0.7	0
667	Environmentally friendly method for determination of ammonia nitrogen in fertilisers and wastewaters based on flow injection-spectrophotometric detection using natural reagent from orchid flower. International Journal of Environmental Analytical Chemistry, 2018, 98, 907-920.	1.8	13
668	The marine bacterium Phaeobacter inhibens secures external ammonium by rapid buildup of intracellular nitrogen stocks. FEMS Microbiology Ecology, 2018, 94, .	1.3	7
669	Ecological contributions to human health in cities. Landscape Ecology, 2018, 33, 1655-1668.	1.9	16
670	Sponge-microbe partnerships are stable under eutrophication pressure from mariculture. Marine Pollution Bulletin, 2018, 136, 125-134.	2.3	27
671	Identification of the role of Rh protein in ammonia excretion of swimming crab <i>Portunus trituberculatus</i>). Journal of Experimental Biology, 2018, 221, .	0.8	17
672	Investigation of Interaction Features of Oil Emulsions and Sorption Material Based on Beet Processing Waste. International Journal of Engineering and Technology(UAE), 2018, 7, 223.	0.2	0
673	Impact assessment of agriculture and livestock over age, longevity and growth of populations of common toad Rhinella arenarum (anura: Bufonidae), central area of Argentina. Global Ecology and Conservation, 2018, 14, e00398.	1.0	11
674	In situ, one step removal of ammonia from onshore and offshore formation water of petroleum production fields. Chemosphere, 2018, 205, 203-208.	4.2	5
675	Negative impacts of elevated nitrate on physiological performance are not exacerbated by low pH. Aquatic Toxicology, 2018, 200, 217-225.	1.9	20

#	Article	IF	CITATIONS
676	Effects of N sources and management strategies on crop growth, yield and potential N leaching in processing tomato. European Journal of Agronomy, 2018, 98, 46-54.	1.9	31
677	A flexible, redox-active macrocycle enables the electrocatalytic reduction of nitrate to ammonia by a cobalt complex. Chemical Science, 2018, 9, 4950-4958.	3.7	63
678	Global species richness of hydrobiid snails determined by climate and evolutionary history. Freshwater Biology, 2018, 63, 1225-1239.	1.2	17
679	Nitrogen loading effects on nitrification and denitrification with functional gene quantity/transcription analysis in biochar packed reactors at 5 °C. Scientific Reports, 2018, 8, 9844.	1.6	21
680	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. Environmental Management, 2018, 62, 190-209.	1.2	15
681	Water-quality impacts in semi-arid regions: can natural â€~green filters' mitigate adverse effects on fish assemblages?. Water Research, 2018, 144, 628-641.	5.3	9
682	Stable isotopes of nitrate reveal different nitrogen processing mechanisms in streams across a land use gradient during wet and dry periods. Biogeosciences, 2018, 15, 3953-3965.	1.3	37
683	Biological nitrogen removal and metabolic characteristics of a novel aerobic denitrifying fungus Hanseniaspora uvarum strain KPL108. Bioresource Technology, 2018, 267, 569-577.	4.8	57
684	Investigation on Problems of Wastewater from Hydraulic Fracturing and Their Solutions. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	11
685	Simultaneous nitrification–denitrification and microbial community profile in an oxygen-limiting intermittent aeration SBBR with biodegradable carriers. Biodegradation, 2018, 29, 473-486.	1.5	50
686	Environmental correlates of food-chain length, mean trophic level and trophic level variance in invaded riverine fish assemblages. Science of the Total Environment, 2018, 644, 420-429.	3.9	14
687	Recent Advances in Nanoporous Membranes for Water Purification. Nanomaterials, 2018, 8, 65.	1.9	136
688	Ammonium Transformation in 14 Lakes along a Trophic Gradient. Water (Switzerland), 2018, 10, 265.	1.2	27
689	Nitrogen Removal in Greywater Living Walls: Insights into the Governing Mechanisms. Water (Switzerland), 2018, 10, 527.	1.2	17
690	Potential of Biofilters for Treatment of De-Icing Chemicals. Water (Switzerland), 2018, 10, 620.	1.2	7
691	Mutagenicity and Genotoxicity Testing in Environmental Pollution Control. , 2018, , 113-132.		5
692	Levels of Metabolic Enzymes and Nitrogenous Compounds in the Swimming Crab Portunus trituberculatus Exposed to Elevated Ambient Ammonia-N. Journal of Ocean University of China, 2018, 17, 957-966.	0.6	17
693	The trends of aquacultural nitrogen budget and its environmental implications in China. Scientific Reports, 2018, 8, 10877.	1.6	47

#	Article	IF	CITATIONS
694	Physiological and Phylogenetic Characterization of Rhodotorula diobovata DSBCA06, a Nitrophilous Yeast. Biology, 2018, 7, 39.	1.3	10
695	Sustainability assessment and causality nexus through ecosystem service accounting: The case of water purification in Europe. Journal of Environmental Management, 2018, 223, 964-974.	3.8	16
696	Hemoglobin Levels Modulate Nitrite Toxicity to Daphnia magna. Scientific Reports, 2018, 8, 7172.	1.6	15
697	Temperature impact on sludge yield, settleability and kinetics of three heterotrophic conversions corroborates the prospect of thermophilic biological nitrogen removal. Bioresource Technology, 2018, 269, 104-112.	4.8	19
698	High ammonium loading can increase alkaline phosphatase activity and promote sediment phosphorus release: A two-month mesocosm experiment. Water Research, 2018, 145, 388-397.	5.3	61
699	Mechanochemical activation of phlogopite to directly produce slow-release potassium fertilizer. Applied Clay Science, 2018, 165, 77-81.	2.6	31
700	Testing wastewater treatment plant effluent effects on microbial and detritivore performance: A combined field and laboratory experiment. Aquatic Toxicology, 2018, 203, 159-171.	1.9	11
701	Has Submerged Vegetation Loss Altered Sediment Denitrification, N ₂ O Production, and Denitrifying Microbial Communities in Subtropical Lakes?. Global Biogeochemical Cycles, 2018, 32, 1195-1207.	1.9	15
702	Food Safety: Benefits of Contamination Control on Consumers' Health. , 2018, , 13-38.		2
703	Water Quality, Sediment Characteristics and Benthic Status of the Razim-Sinoie Lagoon System, Romania. Open Geosciences, 2018, 10, 12-33.	0.6	12
704	Nitrogen inputs drive nitrogen concentrations in U.S. streams and rivers during summer low flow conditions. Science of the Total Environment, 2018, 639, 1349-1359.	3.9	36
705	Using biochar capping to reduce nitrogen release from sediments in eutrophic lakes. Science of the Total Environment, 2019, 646, 93-104.	3.9	60
706	Decrease of inhibitory effect of 2-chlorophenol on nitrification in sequencing batch reactors. Environmental Technology (United Kingdom), 2019, 40, 3422-3433.	1.2	4
707	Direct measurement of dissolved dinitrogen to refine reactive modelling of denitrification in agricultural soils. Science of the Total Environment, 2019, 647, 134-140.	3.9	13
708	Removal and Recovery of Nitrogen Pollutants in Bioelectrochemical System., 2019, , 157-203.		1
709	Comprehensive analysis of nitrogen distributions and ammonia nitrogen release fluxes in the sediments of Baiyangdian Lake, China. Journal of Environmental Sciences, 2019, 76, 319-328.	3.2	52
710	Quantifying cumulative stress acting on macroinvertebrate assemblages in lowland streams. Science of the Total Environment, 2019, 694, 133630.	3.9	17
711	Ammonia toxicity in Southern King Crab (Lithodes santolla, Molina 1742) larvae. International Aquatic Research, 2019, 11, 241-251.	1.5	6

#	Article	IF	CITATIONS
712	A multivariate statistical approach to the integration of different land-uses, seasons, and water quality as water resources management tool. Environmental Monitoring and Assessment, 2019, 191, 539.	1.3	15
713	A novel screening tool for the health risk in recreational waters near estuary: The Carrying Capacity indicator. Science of the Total Environment, 2019, 694, 133584.	3.9	6
714	Nitrogen Uptake Efficiency and Total Soil Nitrogen Accumulation in Long-Term Beef Manure and Inorganic Fertilizer Application. International Journal of Agronomy, 2019, 2019, 1-6.	0.5	13
715	Characterization of a thaumarchaeal symbiont that drives incomplete nitrification in the tropical sponge <i>lanthella basta</i> . Environmental Microbiology, 2019, 21, 3831-3854.	1.8	50
716	Assessing lake ecological status across a trophic gradient through environmental and biological variables. Science of the Total Environment, 2019, 690, 831-840.	3.9	3
717	Comparative study of three methods for the analysis of nitrate nitrogen in synthetic water and wastewater samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 1164-1185.	1.8	2
718	Eutrophication forcings on a peri-urban lake ecosystem: Context for integrated watershed to airshed management. PLoS ONE, 2019, 14, e0219241.	1.1	19
719	Scale inhibition effect of Hylocereus undatus solution on calcium carbonate formation. Journal of Crystal Growth, 2019, 524, 125161.	0.7	12
720	Exposure time relevance of response to nitrite exposure: Insight from transcriptional responses of immune and antioxidant defense in the crayfish, Procambarus clarkii. Aquatic Toxicology, 2019, 214, 105262.	1.9	14
721	Macroinvertebrates as indicators of ecological conditions in the rivers of KwaZulu-Natal, South Africa. Ecological Indicators, 2019, 106, 105465.	2.6	14
722	How changes in water quality under the influence of land-based trout farms shape chemism of the recipient streamsâ€"case study from Serbia. Aquaculture International, 2019, 27, 1625-1641.	1.1	4
723	Effects of nitrate on development and thyroid hormone signaling pathway during Bufo gargarizans embryogenesis. Chemosphere, 2019, 235, 227-238.	4.2	17
724	Performance analysis and life cycle greenhouse gas emission assessment of an integrated gravitational-flow wastewater treatment system for rural areas. Environmental Science and Pollution Research, 2019, 26, 25883-25897.	2.7	13
725	Influence of natural factors and human impact on water quality in the river Kudma – small tributary of the Cheboksary reservoir. IOP Conference Series: Earth and Environmental Science, 2019, 321, 012046.	0.2	0
726	Modeling Mid-Season Rice Nitrogen Uptake Using Multispectral Satellite Data. Remote Sensing, 2019, 11, 1837.	1.8	20
727	Elemental Ratios Link Environmental Change and Human Health. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	12
729	Hazard index: probabilistic risk exposure of nitrate and nitrite in Egyptian fruits and vegetables. International Journal of Environmental Analytical Chemistry, 0, , 1-8.	1.8	14
730	Agricultural impacts on streams near Nitrate Vulnerable Zones: A case study in the Ebro basin, Northern Spain. PLoS ONE, 2019, 14, e0218582.	1.1	9

#	ARTICLE	IF	Citations
732	Neglect of Temperature and pH Impact Leads to Underestimation of Seasonal Ecological Risk of Ammonia in Chinese Surface Freshwaters. Journal of Chemistry, 2019, 2019, 1-7.	0.9	8
733	Bacteriological analysis of Lake Toba. IOP Conference Series: Earth and Environmental Science, 2019, 308, 012022.	0.2	2
734	Aerobic denitrification performance of strain Acinetobacter johnsonii WGX-9 using different natural organic matter as carbon source: Effect of molecular weight. Water Research, 2019, 164, 114956.	5.3	79
735	Indirect Effects of Iron Oxide on Stream Benthic Communities: Capturing Ecological Complexity with Controlled Mesocosm Experiments. Environmental Science & Experiments. Exper	4.6	12
736	The deteriorating nutrient status of the Berg River, South Africa. Water S A, 2019, 33, .	0.2	10
737	Combination of Pd–Cu Catalysis and Electrolytic H ₂ Evolution for Selective Nitrate Reduction Using Protonated Polypyrrole as a Cathode. Environmental Science & Dechnology, 2019, 53, 13868-13877.	4.6	72
738	Experimental investigation and kinetic modeling of nanocrystal growth for scale reduction in mono-ethylene glycol regeneration unit. SN Applied Sciences, 2019, $1, 1$.	1.5	0
739	Electron donors for autotrophic denitrification. Chemical Engineering Journal, 2019, 362, 922-937.	6.6	327
740	13C Incorporation as a Tool to Estimate Biomass Yields in Thermophilic and Mesophilic Nitrifying Communities. Frontiers in Microbiology, 2019, 10, 192.	1.5	5
741	N-Isotopes in Feathers and Abundance of Eiders Respond to Nutrients in Seawater. Ecosystems, 2019, 22, 1271-1279.	1.6	2
742	Ecologically relevant biomarkers reveal that chronic effects of nitrate depend on sex and life stage in the invasive fish Gambusia holbrooki. PLoS ONE, 2019, 14, e0211389.	1.1	8
743	Chronic ammonia toxicity to juveniles of 2 tropical Australian freshwater mussels (Velesunio spp.): Toxicity test optimization and implications for water quality guideline values. Environmental Toxicology and Chemistry, 2019, 38, 841-851.	2.2	11
744	Sensitive and selective colorimetric nitrite ion assay using silver nanoparticles easily synthesized and stabilized by AHNDMS and functionalized with PABA. Nanoscale Advances, 2019, 1, 1207-1214.	2.2	21
745	Assessment of aqueous extract of Gypsophila aretioides for inhibitory effects on calcium carbonate formation. Green Processing and Synthesis, 2019, 8, 464-473.	1.3	5
746	Recirculating Aquaculture Technologies. , 2019, , 35-76.		35
747	Simultaneous underway analysis of nitrate and nitrite in estuarine and coastal waters using an automated integrated syringe-pump-based environmental-water analyzer. Analytica Chimica Acta, 2019, 1076, 100-109.	2.6	30
748	Effect of urban water bodies on distribution characteristics of particulate matters and NO2. Sustainable Cities and Society, 2019, 50, 101679.	5.1	23
749	Isolation and characterization of heterotrophic nitrification–aerobic denitrification and sulphur-oxidizing bacterium Paracoccus saliphilus strain SPUM from coastal shrimp ponds. Aquaculture International, 2019, 27, 1513-1524.	1.1	16

#	Article	IF	CITATIONS
750	In situ biochar capping is feasible to control ammonia nitrogen release from sediments evaluated by DGT. Chemical Engineering Journal, 2019, 374, 811-821.	6.6	33
751	Effects of sulfamethoxazole and sulfamethoxazole-degrading bacteria on water quality and microbial communities in milkfish ponds. Environmental Pollution, 2019, 252, 305-316.	3.7	17
752	Addition of pig manure hydrolysate as a carbon source to enhance nitrate removal from piggery wastewater under different HRTs. Journal of Environmental Chemical Engineering, 2019, 7, 103071.	3.3	11
753	Sunlight-driven recycling to increase nutrient use-efficiency in agriculture. Algal Research, 2019, 41, 101554.	2.4	12
754	Anthropogenic pressure explains variations in the biodiversity of pond communities along environmental gradients: a case study in south-eastern Serbia. Hydrobiologia, 2019, 838, 65-83.	1.0	13
755	Optimization of nitrogen removal from an anaerobic digester effluent by electrocoagulation process. Journal of Environmental Chemical Engineering, 2019, 7, 103195.	3.3	34
756	Educational Partnerships Combined With Research on Emerging Pollutants for Long-Term Water-Quality Monitoring. Separation Science and Technology, 2019, 11, 149-168.	0.0	0
757	Synthesis of quaternary ammonium-functionalized silica gel through grafting of dimethyl dodecyl [3-(trimethoxysilyl)propyl]ammonium chloride for nitrate removal in batch and column studies. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 153-162.	2.7	11
758	Chronic nutrient inputs affect stream macroinvertebrate communities more than acute inputs: An experiment manipulating phosphorus, nitrogen and sediment. Science of the Total Environment, 2019, 683, 9-20.	3.9	11
759	Major determinants of the occurrence of a globally invasive parasite in riverine fish over large-scale environmental gradients. International Journal for Parasitology, 2019, 49, 625-634.	1.3	6
760	Effects of Groundwater Nitrate and Sulphate Enrichment on Groundwater-Fed Mires: a Case Study. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	9
761	Low cost 235 nm ultra-violet light-emitting diode-based absorbance detector for application in a portable ion chromatography system for nitrite and nitrate monitoring. Journal of Chromatography A, 2019, 1603, 8-14.	1.8	31
762	Urbanized Tributary Causes Loss of Biodiversity in a Neotropical River Segment. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	5
763	Quantifying nitrate sources in a large reservoir for drinking water by using stable isotopes and a Bayesian isotope mixing model. Environmental Science and Pollution Research, 2019, 26, 20364-20376.	2.7	20
764	Studying the Influence of Nitrogen Deposition, Precipitation, Temperature, and Sunshine in Remotely Sensed Gross Primary Production Response in Switzerland. Remote Sensing, 2019, 11, 1135.	1.8	3
765	Does Farmland Rental Contribute to Reduction of Agrochemical Use? A Case of Grain Production in Gansu Province, China. Sustainability, 2019, 11, 2402.	1.6	8
766	Nitrogen removal by mix-cultured aerobic denitrifying bacteria isolated by ultrasound: Performance, co-occurrence pattern and wastewater treatment. Chemical Engineering Journal, 2019, 372, 26-36.	6.6	74
767	Local habitat preferences of a semi-aquatic mammal, the Pyrenean desman Galemys pyrenaicus. Mammalia, 2019, 84, 50-62.	0.3	1

#	Article	IF	CITATIONS
768	Qualifying the effects of single and multiple stressors on the food web structure of Dutch drainage ditches using a literature review and conceptual models. Science of the Total Environment, 2019, 684, 727-740.	3.9	27
769	New environmental-friendly yellow pigments Y4–A MoO9+Â(AÂ=Ta,ÂTb). Journal of Rare Earths, 2019, 37, 741-749.	2.5	8
770	Quantifying the temperature dependence of nitrate reduction in woodchip bioreactors: experimental and modeled results with applied case-study. Environmental Science: Water Research and Technology, 2019, 5, 782-797.	1.2	19
771	Health risk assessment of engine exhaust emissions within Australian ports: a case study of Port of Brisbane. Environmental Practice, 2019, 21, 20-35.	0.3	1
772	Temporal variations in groundwater nitrogen under intensive groundwater/surface-water interaction. Hydrogeology Journal, 2019, 27, 1753-1766.	0.9	15
773	Determining stoichiometry and kinetics of two thermophilic nitrifying communities as a crucial step in the development of thermophilic nitrogen removal. Water Research, 2019, 156, 34-45.	5.3	8
774	Managing nitrogen to restore water quality in China. Nature, 2019, 567, 516-520.	13.7	667
775	Mechanisms of algal biomass input enhanced microbial Hg methylation in lake sediments. Environment International, 2019, 126, 279-288.	4.8	49
776	Effects of ammonia on growth and molting of Litopenaeus vannamei postlarvae reared under two salinity levels. Journal of Applied Aquaculture, 2019, 31, 309-321.	0.7	7
777	Mannich Base as Corrosion Inhibitors for N80 Steel in a CO2 Saturated Solution Containing 3 wt % NaCl. Materials, 2019, 12, 449.	1.3	23
778	Springs drive downstream nitrate export from artificially-drained agricultural headwater catchments. Science of the Total Environment, 2019, 671, 119-128.	3.9	20
779	Denitrification Potential and Carbon Mineralization in Restored and Unrestored Coastal Wetland Soils Across an Urban Landscape. Wetlands, 2019, 39, 895-906.	0.7	6
780	Environmental accounting of closed-loop maize production scenarios: Manure as fertilizer and inclusion of catch crops. Resources, Conservation and Recycling, 2019, 146, 395-404.	5.3	33
781	Spatiotemporal distributions and environmental drivers of diversity and community structure of nosZ-type denitrifiers and anammox bacteria in sediments of the Bohai Sea and North Yellow Sea, China. Journal of Oceanology and Limnology, 2019, 37, 1211-1228.	0.6	6
782	Efficacy of onion peel towards removal of nitrate from aqueous solution and field samples. Environmental Nanotechnology, Monitoring and Management, 2019, 11, 100222.	1.7	14
783	The effects of land use disturbance vary with trophic position in littoral cichlid fish communities from Lake Tanganyika. Freshwater Biology, 2019, 64, 1114-1130.	1.2	6
784	Can the watershed non-point source phosphorus flux amount be reflected by lake sediment?. Ecological Indicators, 2019, 102, 118-130.	2.6	13
785	Congruence in riverine conditions and associations between native fish and several species of amphibians in a region prone to fish invasions. Hydrobiologia, 2019, 836, 109-122.	1.0	1

#	Article	IF	CITATIONS
786	Comparative studies of the response of sensitive and tolerant submerged macrophytes to high ammonium concentration stress. Aquatic Toxicology, 2019, 211, 57-65.	1.9	26
787	Prospects of nanocarbons in agriculture. , 2019, , 287-326.		4
788	Intermittent flooding of organicâ€rich soil promotes the formation of denitrification hot moments and hot spots. Ecosphere, 2019, 10, e02549.	1.0	29
789	A review on the application of Bacillus as probiotics in aquaculture. Fish and Shellfish Immunology, 2019, 87, 820-828.	1.6	287
790	Computational analysis of non-heme iron–oxo formation by direct NO release in nitrite reduction. Physical Chemistry Chemical Physics, 2019, 21, 6643-6650.	1.3	2
791	Glycerol-mediated synthesis of nanoscale zerovalent iron and its application for the simultaneous reduction of nitrate and alachlor. Environmental Science and Pollution Research, 2019, 26, 11951-11961.	2.7	10
792	A quasi-reagentless point-of-care test for nitrite and unaffected by oxygen and cyanide. Scientific Reports, 2019, 9, 2622.	1.6	12
793	SrFexNi1â^xO3â^Î^Perovskites Coated on Ti Anodes and Their Electrocatalytic Properties for Cleaning Nitrogenous Wastewater. Materials, 2019, 12, 511.	1.3	9
794	Potential health risk assessment for fluoride and nitrate contamination in hard rock aquifers of Shanmuganadhi River basin, South India. Human and Ecological Risk Assessment (HERA), 2019, 25, 250-270.	1.7	115
795	Nitrifying Soil Bacterium Nitrosomonas europaea: Operational Improvement of Standard Culture Medium. Journal of Soil Science and Plant Nutrition, 2019, 19, 270-276.	1.7	3
796	Potential of A Trait-Based Approach in the Characterization of An N-Contaminated Alluvial Aquifer. Water (Switzerland), 2019, 11, 2553.	1.2	10
797	The structure of higher aquatic vegetation in the genetic series of floodplain reservoirs. IOP Conference Series: Materials Science and Engineering, 2019, 710, 012047.	0.3	0
798	Identification and abundance of nitrifying-denitrifying bacteria in malang sand filter based culture environment for mud crabsScylla serrata. IOP Conference Series: Earth and Environmental Science, 2019, 404, 012032.	0.2	1
800	The impact of nitrogen deposition on photobiontâ€mycobiont balance of epiphytic lichens in subtropical forests of central China. Ecology and Evolution, 2019, 9, 13468-13476.	0.8	3
801	Pollution of Water Bodies in Latin America. , 2019, , .		2
802	Modeling Pollutant Emissions of Flameless Combustion With a Joint CFD and Chemical Reactor Network Approach. Frontiers in Mechanical Engineering, 2019, 5, .	0.8	8
803	Recent advances regarding the impacts of engineered nanomaterials on the anaerobic ammonium oxidation process: performances and mechanisms. Environmental Science: Nano, 2019, 6, 3501-3512.	2.2	24
804	Preparation of layered perovskite-type cuprate thick-film electrode by electrophoretic deposition method and its nitrite-ion sensing properties. Journal of the Ceramic Society of Japan, 2019, 127, 703-707.	0.5	5

#	Article	IF	CITATIONS
805	The Science and Impact of Climate Change. Advances in Geographical and Environmental Sciences, 2019,	0.4	7
806	Life in the slow drain: Landscape structure affects farm ditch water quality. Science of the Total Environment, 2019, 656, 1157-1167.	3.9	11
807	Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. Ecotoxicology and Environmental Safety, 2019, 169, 960-970.	2.9	28
808	Highly efficient nitrate removal in a heterotrophic denitrification system amended with redox-active biochar: A molecular and electrochemical mechanism. Bioresource Technology, 2019, 275, 297-306.	4.8	115
809	Adaptive shifts of bacterioplankton communities in response to nitrogen enrichment in a highly polluted river. Environmental Pollution, 2019, 245, 290-299.	3.7	55
810	Nitrogen removal by a metalâ€resistant bacterium, <i>Pseudomonas putida</i> ZN1, capable of heterotrophic nitrification–aerobic denitrification. Journal of Chemical Technology and Biotechnology, 2019, 94, 1165-1175.	1.6	58
811	Vertical physicochemical parameter distributions and health risk assessment for trace metals in water columns in eastern Lake Tanganyika, Tanzania. Journal of Oceanology and Limnology, 2019, 37, 134-145.	0.6	2
812	Groundwater quality and vulnerability assessment in west Luxor Governorate, Egypt. Groundwater for Sustainable Development, 2019, 8, 271-280.	2.3	26
813	Reusable nano-BG-FET for point-of-care estimation of ammonia and urea in human urine. Nanotechnology, 2019, 30, 145502.	1.3	18
814	Development of a hybrid biofilm reactor for nitrate removal from surface water with macrophyte residues as carbon substrate. Ecological Engineering, 2019, 128, 1-8.	1.6	14
815	The reduction effects of riparian reforestation on runoff and nutrient export based on AnnAGNPS model in a small typical watershed, China. Environmental Science and Pollution Research, 2019, 26, 5934-5943.	2.7	8
816	Atlantic tarpon (Megalops atlanticus) nursery habitats: evaluation of habitat quality and broad-scale habitat identification. Environmental Biology of Fishes, 2019, 102, 383-402.	0.4	21
817	Searching variables to assess recreational water quality: the presence of infectious human enterovirus and its correlation with the main variables of water pollution by multivariate statistical approach in $C\tilde{A}^3$ rdoba, Argentina. Environmental Science and Pollution Research, 2019, 26, 6586-6601.	2.7	17
818	Spatial and temporal distribution characteristics of different forms of inorganic nitrogen in three types of rivers around Lake Taihu, China. Environmental Science and Pollution Research, 2019, 26, 6898-6910.	2.7	22
819	Anthropogenic reactive nitrogen deposition and associated nutrient limitation effect on gross primary productivity in inland water of China. Journal of Cleaner Production, 2019, 208, 530-540.	4.6	64
820	Treatment of real aquaculture wastewater from a fishery utilizing phytoremediation with microalgae. Journal of Chemical Technology and Biotechnology, 2019, 94, 900-910.	1.6	67
821	Manganese Oxide Biomineralization Provides Protection against Nitrite Toxicity in a Cell-Density-Dependent Manner. Applied and Environmental Microbiology, 2019, 85, .	1.4	12
822	High-frequency underway analysis of ammonium in coastal waters using an integrated syringe-pump-based environmental-water analyzer (iSEA). Talanta, 2019, 195, 638-646.	2.9	24

#	Article	IF	CITATIONS
823	Effects of nutrient enrichment on primary and secondary productivity in a subtropical floodplain system: an experimental approach. Hydrobiologia, 2019, 827, 171-181.	1.0	11
824	Evaluation of groundwater contamination for fluoride and nitrate in semi-arid region of Nirmal Province, South India: A special emphasis on human health risk assessment (HHRA). Human and Ecological Risk Assessment (HERA), 2019, 25, 1107-1124.	1.7	214
825	Use of multiple indicators to assess the pollution condition of urban streams: a case study of Bloemspruit, Free State Province, South Africa. Water and Environment Journal, 2020, 34, 93-105.	1.0	3
826	Contemporary strategies for enhancing nitrogen retention and mitigating nitrous oxide emission in agricultural soils: present and future. Environment, Development and Sustainability, 2020, 22, 2703-2741.	2.7	27
827	Nitrite implications and its management strategies in aquaculture: a review. Reviews in Aquaculture, 2020, 12, 878-908.	4.6	62
828	Effect of nitrite exposure on oxidative stress, DNA damage and apoptosis in mud crab (Scylla) Tj ETQq1 1 0.7843	14.rgBT /	Overlock 10
829	Effects of high nitrate concentrations on the germination of carpospores of the red seaweed Pyropia acanthophora var. brasiliensis (Rhodophyta, Bangiales). Hydrobiologia, 2020, 847, 217-228.	1.0	1
830	Synthesis and evaluation of an environmentâ€friendly terpolymer CaCO ₃ scale inhibitor for oilfield produced water with better salt and temperature resistance. Journal of Applied Polymer Science, 2020, 137, 48460.	1.3	22
831	Low-molecular-weight organic acids enable biochar to immobilize nitrate. Chemosphere, 2020, 240, 124872.	4.2	30
832	Effects of pH and nitrites on the toxicity of a cypermetrin-based pesticide to shrimps. Chemosphere, 2020, 241, 125089.	4.2	5
833	Evaluation of gypsum (CaSO $<$ sub $>$ 4 $<$ /sub $>$ Â \cdot 2H $<$ sub $>$ 2 $<$ /sub $>$ O) scale formation and its inhibition by different antiscalants by static and dynamic test. Indian Chemical Engineer, 2020, 62, 251-262.	0.9	4
834	Shortâ€ŧerm effect of the inoculation of probiotics in mature bioflocs: Water quality parameters and abundance of heterotrophic and ammoniaâ€oxidizing bacteria. Aquaculture Research, 2020, 51, 255-264.	0.9	8
835	Urbanisation reduces litter breakdown rates and affects benthic invertebrate structure in Pampean streams. International Review of Hydrobiology, 2020, 105, 33-43.	0.5	9
836	Biological filters regulate water quality, modulate health status, immune indices and gut microbiota of freshwater crayfish, marron (Cherax cainii, Austin, 2002). Chemosphere, 2020, 247, 125821.	4.2	13
837	Effects of wet atmospheric nitrogen deposition on epiphytic lichens in the subtropical forests of Central China: Evaluation of the lichen food supply and quality of two endangered primates. Ecotoxicology and Environmental Safety, 2020, 190, 110128.	2.9	5
838	Synthesis of quaternized mesoporous silica SBA-15 with different alkyl chain lengths for selective nitrate removal from aqueous solutions. Microporous and Mesoporous Materials, 2020, 295, 109967.	2.2	14
839	Effects of different dosing modes of calcium nitrate on P locking in sediment and nutrient concentrations in waters. Environmental Science and Pollution Research, 2020, 27, 7504-7514.	2.7	2
840	Contemporary Environmental Issues and Challenges in Era of Climate Change. , 2020, , .		8

#	Article	IF	CITATIONS
841	Structural changes of the microplankton community following a pulse of inorganic nitrogen in a eutrophic river. Limnology and Oceanography, 2020, 65, S264.	1.6	5
842	Linking metagenomics to aquatic microbial ecology and biogeochemical cycles. Limnology and Oceanography, 2020, 65, S2.	1.6	82
843	Synthesis of a novel Fe–Mn binary oxideâ€modified lava adsorbent and its effect on ammonium removal from aqueous solutions. Water Environment Research, 2020, 92, 850-864.	1.3	1
844	Impact of wastewater effluent pollution on stream functioning: A whole-ecosystem manipulation experiment. Environmental Pollution, 2020, 258, 113719.	3.7	28
845	Enhanced selective enrichment of partial nitritation and anammox bacteria in a novel two-stage continuous flow system using flat-type poly (vinylalcohol) cryogel films. Bioresource Technology, 2020, 300, 122546.	4.8	20
846	A new approach to the biological monitoring of freshwater systems: Mapping nutrient loading in two South African rivers, a case study. Water Research, 2020, 171, 115391.	5.3	4
847	Effects of a fireâ€retardant on oviposition habitat selection and larval development of the mosquito ⟨i⟩Culiseta longiareolata⟨/i⟩. Ecological Entomology, 2020, 45, 476-484.	1.1	2
848	The impact of ship emissions on nitrogen and sulfur deposition in China. Science of the Total Environment, 2020, 708, 134636.	3.9	25
849	Effect of Nutrient Enrichment and Turbidity on Interactions Between Microphytobenthos and a Key Bivalve: Implications for Higher Trophic Levels. Frontiers in Marine Science, 2020, 7, .	1.2	10
850	Effects of leaf litter extracts from four tree species on aquatic invertebrates: an ecotoxicological risk assessment approach. Aquatic Ecology, 2020, 54, 1155-1168.	0.7	3
851	Use of paper mill sludge and sewage sludge powder as nitrogen and phosphorus sources with bacterial consortium for the treatment of paper industry wastewater. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101843.	1.5	8
852	Characterization on the aerobic denitrification process of Bacillus strains. Biomass and Bioenergy, 2020, 140, 105677.	2.9	36
853	The use of Bacillus species in maintenance of water quality in aquaculture: A review. Aquaculture Reports, 2020, 18, 100503.	0.7	82
854	Effects of ammonia exposure on antioxidant function, immune response and NF-κB pathway in Chinese Strip-necked Turtle (Mauremys sinensis). Aquatic Toxicology, 2020, 229, 105621.	1.9	14
855	Benefits of machine learning and sampling frequency on phytoplankton bloom forecasts in coastal areas. Ecological Informatics, 2020, 60, 101174.	2.3	14
856	Geochemical and health risk assessment of fluoride and nitrate toxicity in semi-arid region of Anantapur District, South India. Environmental Chemistry and Ecotoxicology, 2020, 2, 150-161.	4.6	21
857	Advances in forecasting harmful algal blooms using machine learning models: A case study with Planktothrix rubescens in Lake Geneva. Harmful Algae, 2020, 99, 101906.	2.2	34
858	Effect of Subacute Intoxication with Nitrite on AMP-Deaminase Activity in Skeletal Muscles of Common Carp (Cyprinus carpio). Turkish Journal of Fisheries and Aquatic Sciences, 2020, 20, 613-622.	0.4	1

#	Article	IF	CITATIONS
859	Nitrogen stimulation of periphyton biomass in rivers: Differential effects of ammonium-N and nitrate-N. Freshwater Science, 2020, 39, 485-496.	0.9	3
860	Mutual environmental drivers of the community composition, functional attributes and co-occurrence patterns of bacterioplankton in the composite aquatic ecosystem of Taihu watershed in China. FEMS Microbiology Ecology, 2020, 96, .	1.3	12
861	Physiological significance of pedospheric nitric oxide for root growth, development and organismic interactions. Plant, Cell and Environment, 2020, 43, 2336-2354.	2.8	18
862	Release characteristics of inorganic nitrogen in different water layers and its impact on overlying water from Liaohe River, China. Ecotoxicology, 2021, 30, 1731-1742.	1.1	3
863	Impacts of nitrogen-containing coagulants on the nitritation/denitrification of anaerobic digester centrate. Environmental Science: Water Research and Technology, 2020, 6, 3451-3459.	1.2	16
864	Human carnivory as a major driver of vertebrate extinction. Perspectives in Ecology and Conservation, 2020, 18, 283-293.	1.0	3
865	Encapsulating microscale zero valent iron-activated carbon into porous calcium alginate for the improvement on the nitrate removal rate and FeO utilization factor. Microporous and Mesoporous Materials, 2020, 307, 110522.	2.2	13
866	Effects of ammonium sulfate on stress physiology and innate immunity of Western mosquitofish (Gambusia affinis). Fish Physiology and Biochemistry, 2020, 46, 2027-2035.	0.9	2
868	Acute Toxicity of Sodium Chloride, Nitrates, Ortho-Phosphates, Cadmium, Arsenic and Aluminum for Juveniles of the Freshwater Pearl Mussel: Margaritifera Margaritifera (L.1758). Environments - MDPI, 2020, 7, 48.	1.5	10
869	Biological denitrification in a macrophytic lake: implications for macrophytes-dominated lake management in the north of China. Environmental Science and Pollution Research, 2020, 27, 42460-42471.	2.7	7
870	Operating parameters optimization of combined UF/NF dual-membrane process for brackish water treatment and its application performance in municipal drinking water treatment plant. Journal of Water Process Engineering, 2020, 38, 101547.	2.6	15
871	Macroinvertebrate Communities in a Lake of an Inter-Basin Water Transfer Project and Its Implications for Sustainable Management. Water (Switzerland), 2020, 12, 1900.	1.2	2
872	Zinc-oxide and nano ZnO oxide effects on growth, some biochemical aspects, yield quantity, and quality of flax (Linum uitatissimum L.) in absence and presence of compost under sandy soil. Bulletin of the National Research Centre, 2020, 44, .	0.7	40
873	Enhanced nitrate removal from surface water in a denitrifying woodchip bioreactor with a heterotrophic nitrifying and aerobic denitrifying fungus. Bioresource Technology, 2020, 303, 122948.	4.8	60
875	Evaluation of efficacy of indigenous acidophile-bacterial consortia for removal of pollutants from coffee cherry pulping wastewater. Bioresource Technology Reports, 2020, 11, 100533.	1.5	8
876	Convenient environmentally friendly on-site quantitative analysis of nitrite and nitrate in seawater based on polymeric test kits and smartphone application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118812.	2.0	12
877	Construction of a High-Density Genetic Map and Identification of Quantitative Trait Loci for Nitrite Tolerance in the Pacific White Shrimp (Litopenaeus vannamei). Frontiers in Genetics, 2020, 11, 571880.	1.1	7
878	Influence of Physical and Chemical Characteristics of Sediment on Macroinvertebrate Communities in Agricultural Headwater Streams. Water (Switzerland), 2020, 12, 2976.	1.2	6

#	Article	IF	Citations
879	Determination of nitrogen and phosphorus fertilisation rates for tobacco based on economic response and nutrient concentrations in local stream water. Agriculture, Ecosystems and Environment, 2020, 304, 107136.	2.5	14
880	Monitoring of ammonia in marine waters using a passive sampler with biofouling resistance and neural network-based calibration. Environmental Pollution, 2020, 267, 115457.	3.7	4
881	Modern Electrode Technologies for Ion and Molecule Sensing. Sensors, 2020, 20, 4568.	2.1	2
882	Response of Tropical African Macroinvertebrates with Varying Tolerances to Different Levels of Nitrate and Phosphate. International Journal of Ecology, 2020, 2020, 1-6.	0.3	2
883	Longâ€Term Shifts in U.S. Nitrogen Sources and Sinks Revealed by the New TRENDâ€Nitrogen Data Set (1930–2017). Global Biogeochemical Cycles, 2020, 34, e2020GB006626.	1.9	38
884	Optimization of Different Parameter in Synthesis Ion Imprinted Polymers via Precipitation Polymerization for Nitrate Adsorption. IOP Conference Series: Materials Science and Engineering, 2020, 864, 012184.	0.3	1
885	Influence of oxic and anoxic groundwater conditions on occurrence of selected agrochemicals. Water Science and Technology: Water Supply, 2020, 20, 487-498.	1.0	2
886	Organic Chemical Characterization of Water of the Northwestern Algerian Dams. Handbook of Environmental Chemistry, 2020, , 35-55.	0.2	0
887	Efficiency of Salicornia neei to Treat Aquaculture Effluent from a Hypersaline and Artificial Wetland. Agriculture (Switzerland), 2020, 10, 621.	1.4	8
888	Isolation and Characterization of an Aerobic Denitrifier Bacillus sp. SC16 from an Intensive Aquaculture Pond. Water (Switzerland), 2020, 12, 3559.	1.2	4
889	Improved pond productivity through integrated cultivation of red tilapia (Oreochromis niloticus), tiger shrimp (Penaeus monodon) and seaweed (Gracilaria verrucosa) in Maros, South Sulawesi, Indonesia. IOP Conference Series: Earth and Environmental Science, 2020, 521, 012001.	0.2	2
890	Self-Suspended Photothermal Microreactor for Water Desalination and Integrated Volatile Organic Compound Removal. ACS Applied Materials & Interfaces, 2020, 12, 51537-51545.	4.0	47
891	The effects of nutrient enrichment and invasive mollusks on freshwater environments. Ecosphere, 2020, 11, e03196.	1.0	4
892	Water Resources in Algeria - Part II. Handbook of Environmental Chemistry, 2020, , .	0.2	24
893	Evidence for lactone formation during infrared multiple photon dissociation spectroscopy of bromoalkanoate doped salt clusters. Physical Chemistry Chemical Physics, 2020, 22, 12028-12038.	1.3	5
894	Comparison of different trophic state indices applied to tropical reservoirs. Lakes and Reservoirs: Research and Management, 2020, 25, 214-229.	0.6	29
895	Ammonia exposure impairs lateral-line hair cells and mechanotransduction in zebrafish embryos. Chemosphere, 2020, 257, 127170.	4.2	18
896	Tracking nitrate and sulfate sources in groundwater of an urbanized valley using a multi-tracer approach combined with a Bayesian isotope mixing model. Water Research, 2020, 182, 115962.	5. 3	164

#	Article	IF	CITATIONS
897	Nitrogen loads to New Zealand aquatic receiving environments: comparison with regulatory criteria. New Zealand Journal of Marine and Freshwater Research, 2020, 54, 527-550.	0.8	14
898	Patterns of nitrogen concentrations and their controls in two southern China urban river ecosystems. Global Ecology and Conservation, 2020, 23, e01112.	1.0	5
899	Using cold-adapted river-bottom sediment as seed sludge for sulfur-based autotrophic denitrification operated at mesophilic and psychrophilic temperatures. Science of the Total Environment, 2020, 735, 139345.	3.9	8
900	Spatial distribution and activity patterns as welfare indicators in response to water quality changes in European sea bass, Dicentrarchus labrax. Applied Animal Behaviour Science, 2020, 226, 104974.	0.8	28
901	Nitrate exposure induces intestinal microbiota dysbiosis and metabolism disorder in Bufo gargarizans tadpoles. Environmental Pollution, 2020, 264, 114712.	3.7	11
902	Soil Ecosystems Services. Assa, Cssa and Sssa, 2020, , .	0.6	1
903	Mechanochemical approach to synthesize citric acid-soluble fertilizer of dittmarite (NH ₄ MgPO ₄ A·H ₂ O) from talc/NH ₄ H _{PO_{PO₄ mixture. RSC Advances, 2020, 10, 17686-17693.}}	1.7	8
904	Sedimentary nitrogen fractions and source assignment from different inflows to a receiving lake. Water Science and Technology: Water Supply, 2020, 20, 1950-1964.	1.0	5
905	A novel In2S3/Gd2O3 p-n type visible light-driven heterojunction photocatalyst for dual role of Cr(VI) reduction and oxytetracycline degradation. Applied Surface Science, 2020, 527, 146890.	3.1	53
906	Progress and Prospective of Nitrogen-Based Alternative Fuels. Chemical Reviews, 2020, 120, 5352-5436.	23.0	165
907	Effect of water quality variation on fish assemblages in an anthropogenically impacted tropical estuary, Colombian Pacific. Environmental Science and Pollution Research, 2020, 27, 25740-25753.	2.7	29
908	Nitrate application decreased microbial biodiversity but stimulated denitrifiers in epiphytic biofilms on Ceratophyllum demersum. Journal of Environmental Management, 2020, 269, 110814.	3.8	30
909	Salt intrusion alters nitrogen cycling in tidal reaches as determined in field and laboratory investigations. Science of the Total Environment, 2020, 729, 138803.	3.9	14
910	Evaluation of the Effects of the Application of Glauconitic Fertilizer on Oat Development: A Two-Year Field-Based Investigation. Agronomy, 2020, 10, 872.	1.3	12
911	Spatial and seasonal variability of nitrous oxide in a large freshwater lake in the lower reaches of the Yangtze River, China. Science of the Total Environment, 2020, 721, 137716.	3.9	14
912	Bacillus velezensis LG37: transcriptome profiling and functional verification of GlnK and MnrA in ammonia assimilation. BMC Genomics, 2020, 21, 215.	1.2	6
913	A hybrid catalytic hydrogenation/membrane distillation process for nitrogen resource recovery from nitrate-contaminated waste ion exchange brine. Water Research, 2020, 175, 115688.	5.3	32
914	The fluted giant clam (Tridacna squamosa) increases nitrate absorption and upregulates the expression of a homolog of SIALIN (H+:2NO3∠cotransporter) in the ctenidium during light exposure. Coral Reefs, 2020, 39, 451-465.	0.9	19

#	ARTICLE	IF	CITATIONS
915	Polymer network strengthened filter paper for durable water disinfection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 591, 124548.	2.3	4
916	Developing water and nitrogen budgets of a wheat-maize rotation system using auto-weighing lysimeters: Effects of blended application of controlled-release and un-coated urea. Environmental Pollution, 2020, 263, 114383.	3.7	30
917	Telecoupled environmental impacts of current and alternative Western diets. Global Environmental Change, 2020, 62, 102066.	3.6	33
918	Energy optimization of a wastewater treatment plant based on energy audit data: small investment with high return. Environmental Science and Pollution Research, 2020, 27, 17972-17985.	2.7	46
919	Enhancing Nitrate Removal from Waters with Low Organic Carbon Concentration Using a Bioelectrochemical System—A Pilot-Scale Study. Water (Switzerland), 2020, 12, 516.	1.2	6
920	Enhancement in the rate of nitrate degradation on Au- and Ag-decorated TiO2 photocatalysts. Catalysis Science and Technology, 2020, 10, 2082-2091.	2.1	14
921	Ecology of industrial pollution in China. Ecosystem Health and Sustainability, 2020, 6, .	1.5	54
922	Acute toxicity of inorganic nitrogen (ammonium, nitrate and nitrite) to tadpoles of five tropical amphibian species. Ecotoxicology, 2020, 29, 1516-1521.	1.1	11
923	Synergism between elevated temperature and nitrate: Impact on aerobic capacity of European grayling, Thymallus thymallus in warm, eutrophic waters. Aquatic Toxicology, 2020, 226, 105563.	1.9	15
924	Thermal acclimation offsets the negative effects of nitrate on aerobic scope and performance. Journal of Experimental Biology, 2020, 223, .	0.8	15
925	Negative effects on the leaves of submerged macrophyte and associated biofilms growth at high nitrate induced-stress. Aquatic Toxicology, 2020, 226, 105559.	1.9	7
926	Strong linkages between dissolved organic matter and the aquatic bacterial community in an urban river. Water Research, 2020, 184, 116089.	5. 3	65
929	Living in polluted waters: A meta-analysis of the effects of nitrate and interactions with other environmental stressors on freshwater taxa. Environmental Pollution, 2020, 261, 114091.	3.7	58
930	Denitrification performance and microbial communities of solid-phase denitrifying reactors using poly (butylene succinate)/bamboo powder composite. Bioresource Technology, 2020, 305, 123033.	4.8	50
931	Changes in Microbial Community Structures under Reclaimed Water Replenishment Conditions. International Journal of Environmental Research and Public Health, 2020, 17, 1174.	1.2	8
932	Optimizing rates and sources of nutrient input to mitigate nitrogen, phosphorus, and carbon losses from rice paddies. Journal of Cleaner Production, 2020, 256, 120603.	4.6	41
933	Combining Tools from Edge-of-Field to In-Stream to Attenuate Reactive Nitrogen along Small Agricultural Waterways. Water (Switzerland), 2020, 12, 383.	1.2	23
934	Agricultural and urban delivered nitrate pollution input to Mediterranean temporary freshwaters. Agriculture, Ecosystems and Environment, 2020, 294, 106859.	2.5	53

#	Article	IF	CITATIONS
935	Bioactive carbon improves nitrogen fertiliser efficiency and ecological sustainability. Scientific Reports, 2020, 10, 3227.	1.6	9
936	Comprehensive Biogeochemical Analysis of Nitrogen Transformation Parameters. Water Resources, 2020, 47, 156-170.	0.3	1
937	Acute and Chronic Toxicity of Sodium Nitrate and Sodium Sulfate to Several Freshwater Organisms in Waterâ€Only Exposures. Environmental Toxicology and Chemistry, 2020, 39, 1071-1085.	2.2	13
938	Efficient nitrate removal from synthetic groundwater via in situ utilization of short-chain fatty acids from methane bioconversion. Chemical Engineering Journal, 2020, 393, 124594.	6.6	19
939	Remedial Application of Urea Eliminates Yield Losses in Wheat Waterlogged during Stem Elongation. Agriculture (Switzerland), 2020, 10, 23.	1.4	4
940	Screening and Characterization of Nitrite-Degrading Bacterial Isolates Using a Novel Culture Medium. Journal of Ocean University of China, 2020, 19, 241-248.	0.6	5
941	Mechanisms and the role of probiotic Bacillus in mitigating fish pathogens in aquaculture. Fish Physiology and Biochemistry, 2020, 46, 819-841.	0.9	88
942	Bioaugmentation treatment of nitrogen-rich wastewater with a denitrifier with biofilm-formation and nitrogen-removal capacities in a sequencing batch biofilm reactor. Bioresource Technology, 2020, 303, 122905.	4.8	43
943	Dark CO ₂ fixation into phospholipid-derived fatty acids by the cold-water coral associated sponge <i>Hymedesmia</i> (<i>Stylopus</i>) <i>coriacea</i> (Tisler Reef, NE Skagerrak). Marine Biology Research, 2020, 16, 1-17.	0.3	11
944	Comparison of the characteristics of intestinal microbiota response in Bufo gargarizans tadpoles: Exposure to the different environmental chemicals (Cu, Cr, Cd and NO3–N). Chemosphere, 2020, 247, 125925.	4.2	21
945	Mangifera indica L. as Airborne Metal Biomonitor for Regions of the State of EspÃrito Santo (Brazil). Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	1
946	Possible role of seasonality and harmful algal blooms (HAB) on the oxidative and nitrosative metabolisms in hemocytes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 232, 108744.	1.3	0
947	Response of denitrifying community, denitrification genes and antibiotic resistance genes to oxytetracycline stress in polycaprolactone supported solid-phase denitrification reactor. Bioresource Technology, 2020, 308, 123274.	4.8	81
948	Complementing conventional environmental impact assessments of tourism with ecosystem service valuation: A case study of the Wulingyuan Scenic Area, China. Ecosystem Services, 2020, 43, 101100.	2.3	24
949	Microbial community structures and functions of hypersaline heterotrophic denitrifying process: Lab-scale and pilot-scale studies. Bioresource Technology, 2020, 310, 123244.	4.8	26
950	Fabrication of Nanostructured Polyamic Acid Membranes for Antimicrobially Enhanced Water Purification. Advances in Polymer Technology, 2020, 2020, 1-10.	0.8	3
951	Oxidation of ammonia using immobilised FeCu for water treatment. Separation and Purification Technology, 2021, 254, 117612.	3.9	15
952	Community diversity and abundance of ammoniaâ€oxidizing archaea and bacteria in shrimp pond sediment at different culture stages. Journal of Applied Microbiology, 2021, 130, 1442-1455.	1.4	18

#	Article	IF	CITATIONS
953	Mechanochemical conversion of chrysotile asbestos tailing into struvite for full elements utilization as citric-acid soluble fertilizer. Journal of Cleaner Production, 2021, 283, 124637.	4.6	11
954	Double whammy: Nitrate pollution heightens susceptibility to both hypoxia and heat in a freshwater salmonid. Science of the Total Environment, 2021, 765, 142777.	3.9	20
955	Role of Extremophiles and Extremophilic Proteins in Industrial Waste Treatment. , 2021, , 217-235.		3
956	The influence of aquaculture on the hydro-geochemistry of a neotropical aquatic system. Aquaculture, 2021, 533, 736179.	1.7	4
957	Recent progress in ammonia fuel cells and their potential applications. Journal of Materials Chemistry A, 2021, 9, 727-752.	5.2	177
958	Substrate type determines microbial activity and community composition in bioreactors for nitrate removal by denitrification at low temperature. Science of the Total Environment, 2021, 755, 143023.	3.9	32
959	Microbial fuel cell improves restoration of Hydrilla verticillata in an algae-rich sediment microcosm system. Chemosphere, 2021, 266, 128987.	4.2	6
960	Disentangling the Impact of Catchment Heterogeneity on Nitrate Export Dynamics From Event to Long†Ferm Time Scales. Water Resources Research, 2021, 57, e2020WR027992.	1.7	23
961	Water resources sustainability model for wetland conservation based on anonymous expert elicitation. Environmental Modelling and Software, 2021, 136, 104952.	1.9	8
962	Sediment-based biochar facilitates highly efficient nitrate removal: Physicochemical properties, biological responses and potential mechanism. Chemical Engineering Journal, 2021, 405, 126645.	6.6	36
963	Effect of methacrylic acid and pendant vinyl groups on the mechanical properties of highly stretchable core–shell nanostructured films deposited from water. Polymer Chemistry, 2021, 12, 466-477.	1.9	0
964	Effect of diet and water quality on the energetic physiology of the West Indian top shell Cittarium pica. Aquaculture, 2021, 531, 735889.	1.7	2
965	Efficient nitrate removal by Pseudomonas mendocina GL6 immobilized on biochar. Bioresource Technology, 2021, 320, 124324.	4.8	41
966	Environmental pollution and their socioeconomic impacts. , 2021, , 321-354.		40
967	Machine Learning Models for Predicting the Ammonium Concentration in Alluvial Groundwaters. Environmental Modeling and Assessment, 2021, 26, 187-203.	1.2	8
968	Freshwater fish biodiversity in the Leizhou Peninsula of China. Aquatic Ecosystem Health and Management, 2019, 22, 160-170.	0.3	7
969	Environmental Pollution, Its Causes and Impact on Ecosystem. , 2021, , 1-22.		6
970	Nanomembranes for ultrapurification and water treatment. , 2021, , 657-691.		4

#	Article	IF	CITATIONS
971	Thiol-mediated etching of gold nanorods as a neoteric strategy for room-temperature and multicolor detection of nitrite and nitrate. Analytical Methods, 2021, 13, 4370-4378.	1.3	6
972	Electrocatalytic nitrate reduction with Co-based catalysts: comparison of DIM, TIM and cyclam ligands. Dalton Transactions, 2021, 50, 12324-12331.	1.6	8
973	Bacillus as an aquaculture friendly microbe. Aquaculture International, 2021, 29, 323-353.	1.1	30
974	Direct, water-chemistry mediated, and cascading effects of human-impact intensification on multitrophic biodiversity in ponds. Aquatic Ecology, 2021, 55, 187-214.	0.7	7
975	Marine Bioprospecting to Improve Knowledge of the Biological Sciences and Industrial Processes. Encyclopedia of the UN Sustainable Development Goals, 2021, , 845-858.	0.0	1
976	Effects of Environmental Pollution on Ecosystem and Practical Measures for Prevention. Impact of Meat Consumption on Health and Environmental Sustainability, 2021, , 115-133.	0.4	1
977	Effects of algal bloom (AB) on sediment microorganisms with special functions at different AB stages in Chaohu Lake. Water Science and Technology, 2021, 83, 1130-1140.	1.2	2
978	A National Nitrogen Target for Germany. Sustainability, 2021, 13, 1121.	1.6	4
979	The impact of toxins on competition dynamics of three species in a polluted aquatic environment. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 3043.	0.5	1
980	Phytoplankton: Biodiesel Production and Other Applications for Marine Biotechnology. Encyclopedia of the UN Sustainable Development Goals, 2021, , 982-992.	0.0	0
981	ZHEZHERYA V.A., ZHEZHERYA T.P., LINNIK P.M. INFLUENCE OF HIGHER AQUATIC VEGETATION ON THE CONTENT OF BIOGENIC ELEMENTS IN LIMNIC SYSTEMS OF AN URBANIZED TERRITORY. Gìdrologìâ, Gìdrohìmìâ ì Gìdroekologìâ, 2021, , 50-58.	0.0	0
982	Effects of Malachite Green on the Microbiomes of Milkfish Culture Ponds. Water (Switzerland), 2021, 13, 411.	1.2	3
983	Nutrient delivery efficiency of a combined sewer along a lake challenged by incipient eutrophication. Water Research, 2021, 190, 116727.	5.3	19
984	A novel sequence batch treatment of wastewater using Bacillus sp. IITRDVM-5 mixing with paper mill and sewage sludge powders. Environmental Technology and Innovation, 2021, 21, 101288.	3.0	10
985	Environmental stressors, complex interactions and marine benthic communities' responses. Scientific Reports, 2021, 11, 4194.	1.6	41
986	A Review of the Impacts and Opportunities for African Urban Dragonflies. Insects, 2021, 12, 190.	1.0	11
987	Thermal plasticity of the cardiorespiratory system provides cross-tolerance protection to fish exposed to elevated nitrate. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 240, 108920.	1.3	10
988	Effect of different types of anthropogenic pollution on the bacterial community of urban rivers. Water Environment Research, 2021, 93, 1322-1332.	1.3	0

#	Article	IF	CITATIONS
989	Ammonia Toxicity to Rinuak (Gobiopterus brachypterus) of Lake Maninjau. Indonesian Journal of Limnology, 2021, 1, 12-18.	0.4	1
990	Land Cover Effects on Selected Nutrient Compounds in Small Lowland Agricultural Catchments. Land, 2021, 10, 182.	1.2	6
991	Nature provides valuable sanitation services. One Earth, 2021, 4, 192-201.	3.6	16
992	Nitrite oxidation by phototrophic bacteria of Chlorobium, Thiocapsa and Lamprocystis genera under the influence of inorganic pollutants. Biosystems Diversity, 2021, 29, 39-46.	0.2	1
993	Environmental nitrate impacts foraging and agonistic behaviours of invasive non-native crayfish (Pacifastacus leniusculus and Faxonius virilis). Hydrobiologia, 2021, 848, 2345-2354.	1.0	3
994	Application and Evaluation of Removing Nutrients in Wastewater via AAO Process in Tianjin, China. IOP Conference Series: Earth and Environmental Science, 2021, 714, 022011.	0.2	0
995	Assessing multiple stressor effects to inform climate change management responses in three European catchments. Inland Waters, 2022, 12, 94-106.	1.1	7
996	Hot spots and hot moments of nitrogen removal from hyporheic and riparian zones: A review. Science of the Total Environment, 2021, 762, 144168.	3.9	50
997	Planktonic centric diatoms from the Eastern Alps: morphology, biogeography and ecology. Plant and Fungal Systematics, 2021, 66, 1-36.	0.7	3
999	Future trends of dissolved inorganic nitrogen concentrations in Northwestern Mediterranean coastal waters under climate change. Journal of Environmental Management, 2021, 282, 111739.	3.8	6
1000	Moving bed biofilm reactor developed with special microbial seed for denitrification of high nitrate containing wastewater. World Journal of Microbiology and Biotechnology, 2021, 37, 68.	1.7	8
1001	Composition and Distributions of Nitrogen and Phosphorus and Assessment of Eutrophication Status in the Maowei Sea. Journal of Ocean University of China, 2021, 20, 361-371.	0.6	11
1002	Sustainable Intensification of Aquaculture through Nutrient Recycling and Circular Economies: More Fish, Less Waste, Blue Growth. Reviews in Fisheries Science and Aquaculture, 2022, 30, 143-169.	5.1	35
1003	Chicken Feather Waste Hydrolysate as a Superior Biofertilizer in Agroindustry. Current Microbiology, 2021, 78, 2212-2230.	1.0	36
1004	Electrochemical insight into the activated algal biochar assisted hydrogenotrophic denitrification at biocathode using bioelectrochemical system (BES). Process Biochemistry, 2021, 103, 60-64.	1.8	11
1005	Impact of municipal solid waste disposal on the surface water and sediment of adjoining wetland Deepor Beel in Guwahati, Assam, India. Environmental Monitoring and Assessment, 2021, 193, 278.	1.3	10
1006	Microbial protein production from CO2, H2, and recycled nitrogen: Focusing on ammonia toxicity and nitrogen sources. Journal of Cleaner Production, 2021, 291, 125921.	4.6	30
1007	Rotifers stimulate the specific uptake rate in lotic phototrophic biofilms. Freshwater Biology, 2021, 66, 1245-1256.	1.2	5

#	Article	IF	CITATIONS
1008	Nutrient criteria to achieve New Zealand's riverine macroinvertebrate targets. Peerl, 2021, 9, e11556.	0.9	6
1009	Activity of Autotrophic Fe(II)-Oxidizing Denitrifiers in Freshwater Lake Sediments. ACS ES&T Water, 2021, 1, 1566-1576.	2.3	16
1010	Multivariate prediction of nitrogen concentration in a stream using regression models. Environmental Earth Sciences, 2021, 80, 1.	1.3	3
1011	A new perspective of nutrient management of subtropical coastal stress-tolerant scleractinian coral communities. Continental Shelf Research, 2021, 220, 104405.	0.9	6
1012	Rapid Response of Nitrogen Cycling Gene Transcription to Labile Carbon Amendments in a Soil Microbial Community. MSystems, 2021, 6, .	1.7	20
1013	Nitrogen and boron nutrition in grafted watermelon I: Impact on pomological attributes, yield and fruit quality. PLoS ONE, 2021, 16, e0252396.	1.1	2
1014	Improvement of the methodology for the assessment of soil biogenic pollution through the use of geoecological approaches and the use of information technologies. Eastern-European Journal of Enterprise Technologies, 2021, 3, 42-53.	0.3	1
1015	A Novel Regulator Participating in Nitrogen Removal Process of Bacillus subtilis JD-014. International Journal of Molecular Sciences, 2021, 22, 6543.	1.8	6
1016	Optimal hydroponic growth of Brassica oleracea at low nitrogen concentrations using a novel pH-based control strategy. Science of the Total Environment, 2021, 775, 145875.	3.9	3
1017	On-site detection of nitrate plus nitrite in natural water samples using smartphone-based detection. Microchemical Journal, 2021, 165, 106117.	2.3	15
1018	Exploring the Global Importance of Atmospheric Ammonia Oxidation. ACS Earth and Space Chemistry, 2021, 5, 1674-1685.	1.2	11
1019	Distinct bacterial communities in the environmental water, sediment and intestine between two crayfish-plant coculture ecosystems. Applied Microbiology and Biotechnology, 2021, 105, 5087-5101.	1.7	17
1020	Importance of internal dissolved organic nitrogen loading and cycling in a small and heavily modified coastal lagoon. Biogeochemistry, 2021, 155, 237-261.	1.7	5
1021	Nitrate leaching from applied fertilizer is reduced by precision nitrogen management in baby corn cropping systems. Nutrient Cycling in Agroecosystems, 2021, 120, 379-391.	1.1	4
1022	Effect of Increasing C/N Ratio on Performance and Microbial Community Structure in a Membrane Bioreactor with a High Ammonia Load. International Journal of Environmental Research and Public Health, 2021, 18, 8070.	1,2	2
1023	Comparative analysis of nitrogen concentrations and sources within a coastal urban bayou watershed: A multi-tracer approach. Science of the Total Environment, 2021, 776, 145862.	3.9	3
1024	Evaluation of Bacillus albus SMG-1 and B. safensis SMG-2 isolated from Saemangeum Lake as probiotics for aquaculture of white shrimp (Litopenaeus vannamei). Aquaculture Reports, 2021, 20, 100743.	0.7	9
1025	Maximizing intrinsic value of microalgae using multi-parameter study: conjoint effect of organic carbon, nitrate, and phosphate supplementation. Clean Technologies and Environmental Policy, $0, 1$.	2.1	8

#	Article	IF	CITATIONS
1026	Chronic nitrate exposure cause alteration of blood physiological parameters, redox status and apoptosis of juvenile turbot (Scophthalmus maximus). Environmental Pollution, 2021, 283, 117103.	3.7	17
1027	Schottky Barrierâ€Induced Surface Electric Field Boosts Universal Reduction of NO _{<i>x</i>} ^{â^'} in Water to Ammonia. Angewandte Chemie - International Edition, 2021, 60, 20711-20716.	7.2	68
1028	Assessing the Water Quality of Lake Hawassa Ethiopiaâ€"Trophic State and Suitability for Anthropogenic Usesâ€"Applying Common Water Quality Indices. International Journal of Environmental Research and Public Health, 2021, 18, 8904.	1.2	18
1029	Photoinduced transformation of silver ion by molybdenum disulfide nanoflakes at environmentally relevant concentrations attenuates its toxicity to freshwater algae. Journal of Hazardous Materials, 2021, 416, 126043.	6.5	7
1030	Improving water quality does not guarantee fish health: Effects of ammonia pollution on the behaviour of wild-caught pre-exposed fish. PLoS ONE, 2021, 16, e0243404.	1.1	18
1031	Uptake and mobilization of heavy metals through phytoremediation process from native plants species growing on complex pollutants: Antioxidant enzymes and photosynthetic pigments response. Environmental Technology and Innovation, 2021, 23, 101629.	3.0	16
1032	Schottky Barrierâ€Induced Surface Electric Field Boosts Universal Reduction of NO x â^ in Water to Ammonia. Angewandte Chemie, 2021, 133, 20879-20884.	1.6	12
1033	Lichen, moss and peat control of C, nutrient and trace metal regime in lakes of permafrost peatlands. Science of the Total Environment, 2021, 782, 146737.	3.9	20
1034	Effects of organic carbon source on the performance and bacterial structure in biofilm processes for source water pretreatment. Journal of Physics: Conference Series, 2021, 2009, 012010.	0.3	0
1035	Effects of a fire retardant on the Near Eastern Fire Salamander Salamandra infraimmaculata and aquatic community structure: an experimental approach. Hydrobiologia, 2021, 848, 4713-4729.	1.0	3
1036	Impact of acyl-homoserine lactones on the response of nitrogen cycling in sediment to florfenicol stress. Science of the Total Environment, 2021, 785, 147294.	3.9	12
1037	Nitrogen pollution promotes changes in the niche space of fish communities. Oecologia, 2021, 197, 485-500.	0.9	9
1038	The achievement of Water Framework Directive goals through the restoration of vegetation in agricultural canals. Journal of Environmental Management, 2021, 294, 113016.	3.8	4
1039	Nitrogen contamination and bioremediation in groundwater and the environment: A review. Earth-Science Reviews, 2021, 222, 103816.	4.0	29
1040	A comparative examination of acute toxicities of three disazo dyes to freshwater macroinvertebrates <i>Gammarus roeseli</i> (Crustacea: Amphipoda) and <i>Chironomus riparius</i> (Insecta: Diptera). Chemistry and Ecology, 2021, 37, 683-703.	0.6	5
1041	Reconciling regional nitrogen boundaries with global food security. Nature Food, 2021, 2, 700-711.	6.2	51
1042	Relevance of Candidatus Nitrotoga for nitrite oxidation in technical nitrogen removal systems. Applied Microbiology and Biotechnology, 2021, 105, 7123-7139.	1.7	19
1043	Effect of nitrogen loading on denitrification, denitritation and filtration performances of membrane bioreactors fed with biogenic and chemical elemental sulfur. Chemical Engineering Journal, 2021, 419, 129514.	6.6	29

#	ARTICLE	IF	CITATIONS
1044	A survey of water quality of Gharasou River, Kermanshah, Iran. Environmental Earth Sciences, 2021, 80, 1.	1.3	0
1045	Spatially explicit boundaries for agricultural nitrogen inputs in the European Union to meet air and water quality targets. Science of the Total Environment, 2021, 786, 147283.	3.9	51
1046	Chemical Effects of Snowmelt on an Alpine Lake in the Wind River Range, WY. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	0
1047	Bioprospecting Desert Plants for Endophytic and Biostimulant Microbes: A Strategy for Enhancing Agricultural Production in a Hotter, Drier Future. Biology, 2021, 10, 961.	1.3	15
1048	Influence of environmental factors on biology and catch composition of Barbonymus schwanenfeldii in a tropical lake, northern Malaysia: implications for conservation planning. Environmental Science and Pollution Research, 2022, 29, 13661-13674.	2.7	0
1049	Overlooked contribution of water column to nitrogen removal in estuarine turbidity maximum zone (TMZ). Science of the Total Environment, 2021, 788, 147736.	3.9	13
1050	Distribution pattern of macrobenthic composition, diversity and secondary production in Hangzhou Bay, northern East China Sea. Regional Studies in Marine Science, 2021, 47, 101956.	0.4	3
1051	Long-term effects of nitrogen deposition on carbon assimilation characteristics in the past three decades in a typical subtropical watershed. Agricultural and Forest Meteorology, 2021, 308-309, 108561.	1.9	0
1052	Stigmasterol root exudation arising from Pseudomonas inoculation of the duckweed rhizosphere enhances nitrogen removal from polluted waters. Environmental Pollution, 2021, 287, 117587.	3.7	17
1053	Performance and mechanism of chelating resin (TP-207) supported Pd/Cu bimetallic nanoparticles in selective reduction of nitrate by using ZVI (zero valent iron) as reductant. Separation and Purification Technology, 2021, 272, 118974.	3.9	10
1054	Identifying nitrogen source and transport characteristics of the urban estuaries and gate-controlled rivers in northern Taihu Lake, China. Ecological Indicators, 2021, 130, 108035.	2.6	20
1055	Evaluating relationships between plants, water chemistry, and denitrification potential in palustrine freshwater marshes. Ecological Indicators, 2021, 131, 108163.	2.6	1
1056	Use of physiological activities to estimate the population growth of rotifer (Brachionus) Tj ETQq0 0 0 rgBT /Overlo	ock 10 Tf 5	50 ₄ 262 Td (ca
1057	Multiple in-stream stressors degrade biological assemblages in five U.S. regions. Science of the Total Environment, 2021, 800, 149350.	3.9	14
1058	Better together: Cross-tolerance induced by warm acclimation and nitrate exposure improved the aerobic capacity and stress tolerance of common carp Cyprinus carpio. Ecotoxicology and Environmental Safety, 2021, 225, 112777.	2.9	5
1059	An evaluation of the Chesapeake Bay management strategy to improve water quality in small agricultural watersheds. Journal of Environmental Management, 2021, 299, 113478.	3.8	8
1060	Microbial community analysis of biopiles in Antarctica provides evidence of successful hydrocarbon biodegradation and initial soil ecosystem recovery. Environmental Pollution, 2021, 290, 117977.	3.7	5
1061	Assessment of NH4HCO3 for the control of the predator flagellate Poterioochromonas malhamensis in pilot-scale culture of Chlorella sorokiniana. Algal Research, 2021, 60, 102481.	2.4	6

#	Article	IF	CITATIONS
1062	Can application of liquid dairy manure onto no-tillage oxisols reduce runoff, sediment, phosphorus, and nitrogen losses over 9Âyears of natural rainfall?. Geoderma, 2022, 405, 115406.	2.3	8
1063	Transport and sources of nitrogen in stormwater runoff at the urban catchment scale. Science of the Total Environment, 2022, 806, 150281.	3.9	9
1064	Effect of nitrate on the performance and welfare of Macrobrachium amazonicum (Heller, 1862) juveniles. Aquaculture, 2022, 547, 737428.	1.7	0
1065	Denitrification performance and microbial community of bioreactor packed with PHBV/PLA/rice hulls composite. Science of the Total Environment, 2022, 803, 150033.	3.9	26
1066	Pesticides and Neurological Disorders: From Exposure to Preventive Interventions. Emerging Contaminants and Associated Treatment Technologies, 2021, , 89-109.	0.4	0
1067	Study on the spatial-temporal differences and evolution of ecological security in the typical area of the Loess Plateau. Environmental Science and Pollution Research, 2021, 28, 23521-23533.	2.7	17
1068	Patterns in macroinvertebrate taxonomic richness and community assembly among urban wetlands in Cape Town, South Africa: implications for wetland management. Urban Ecosystems, 2021, 24, 1061-1072.	1.1	4
1069	The influence of nutrient enrichment on riverine food web function and stability. Ecology and Evolution, 2021, 11, 942-954.	0.8	10
1070	Regulation of Dietary Nitrate and Nitrite: Balancing Essential Physiological Roles with Potential Health Risks., 2011,, 155-166.		3
1071	A Global View on Future Major Water Engineering Projects. Water Resources Development and Management, 2016, , 47-64.	0.3	6
1072	Screening and Cultivation of Oligotrophic Aerobic Denitrifying Bacteria. Handbook of Environmental Chemistry, 2016, , 451-473.	0.2	3
1073	Application of Practical Nitrate Sensor Based on Electrochemical Impedance Spectroscopy. Smart Sensors, Measurement and Instrumentation, 2017, , 109-136.	0.4	6
1074	Benthic Macroinvertebrates as Indicators for River Health in Changjiang Basin. Terrestrial Environmental Sciences, 2019, , 207-217.	0.5	2
1076	A Comprehensive Evaluation of Heavy Metal Contamination in Foodstuff and Associated Human Health Risk: A Global Perspective., 2020,, 33-63.		35
1077	Simultaneous removal of COD and Ammoniacal Nitrogen from dye intermediate manufacturing Industrial Wastewater using Fenton oxidation method. Applied Water Science, 2020, 10, 1.	2.8	26
1078	Taxonomic and functional profiling of nitrifying biofilms in freshwater, brackish and marine RAS biofilters. Aquacultural Engineering, 2020, 90, 102094.	1.4	23
1079	A comprehensive planetary boundary-based method for the nitrogen cycle in life cycle assessment: Development and application to a tomato production case study. Science of the Total Environment, 2020, 715, 136813.	3.9	20
1080	Hydrogen from wastewater by photocatalytic and photoelectrochemical treatment. JPhys Energy, 2021, 3, 012006.	2.3	23

#	Article	IF	CITATIONS
1083	Mollusc communities of lowland rivers and oxbow lakes in agricultural areas with anthropogenically elevated nutrient concentration. Folia Malacologica, 2014, 22, 87-159.	0.1	16
1084	EFFECTS OF YUCCA SHIDIGERA EXTRACT ON THE REDUCTION OF AMMONIA CONCENTRATION IN LAKE KOUMOUNDOUROU. Journal of Ecological Engineering, 2015, 16, 1-7.	0.5	9
1085	EFFECT OF COMPOST FROM BY-PRODUCT OF THE FISHING INDUSTRY ON CROP YIELD AND MICROELEMENT CONTENT IN MAIZE. Journal of Ecological Engineering, 2015, 16, 168-175.	0.5	7
1086	An Overview of Atmospheric Reactive Nitrogen Research: South Asian Perspective. Current World Environment Journal, 2019, 14, 10-26.	0.2	6
1087	Water Quality Management Plan for Patalganga River for Drinking Purpose and Human Health Safety. International Journal of Scientific Research in Environmental Sciences, 2015, 3, 71-87.	0.1	12
1088	Plant Growth Promoting Effect of Seaweeds Collected from East Coast of Tamil Nadu, India. Biosciences, Biotechnology Research Asia, 2014, 11, 53-58.	0.2	4
1089	Development of Seaweed Liquid Fertilizer (SLF) Consortium for the Enhancement of Agriculturally Important Crop Plants. Biosciences, Biotechnology Research Asia, 2014, 11, 253-261.	0.2	3
1090	The Ecological Dynamics of Fecal Contamination and Salmonella Typhi and Salmonella Paratyphi A in Municipal Kathmandu Drinking Water. PLoS Neglected Tropical Diseases, 2016, 10, e0004346.	1.3	70
1091	Seasonal and Spatial Environmental Influence on Opisthorchis viverrini Intermediate Hosts, Abundance, and Distribution: Insights on Transmission Dynamics and Sustainable Control. PLoS Neglected Tropical Diseases, 2016, 10, e0005121.	1.3	24
1092	Intracellular Conversion of Environmental Nitrate and Nitrite to Nitric Oxide with Resulting Developmental Toxicity to the Crustacean Daphnia magna. PLoS ONE, 2010, 5, e12453.	1.1	45
1093	Large-Scale Spatial Distribution Patterns of Gastropod Assemblages in Rocky Shores. PLoS ONE, 2013, 8, e71396.	1.1	24
1094	Analysis of nitrogen isotopic composition of ammonium ion using the ammonium diffusion technique. Journal of the Geological Society of Korea, 2016, 52, 173-178.	0.3	1
1095	Influence of Rainfall on the Physicochemical Characteristics of a Tropical River in Sarawak, Malaysia. Polish Journal of Environmental Studies, 2017, 26, 2053-2065.	0.6	17
1096	The Ladoga ringed seal (Pusa hispida ladogensis) under changing climatic conditions. Russian Journal of Theriology, 2013, 12, 41-48.	0.5	8
1097	METHODOLOGY FOR THE NITRATE VULNERABLE ZONES DESIGNATION IN SURFACE AND GROUND WATER. Ukrainian Geographical Journal, 2020, , 38-48.	0.2	11
1098	Assessment of the acute toxicity of eutrophic sediments after the addition of calcium nitrate (Ibirité) Tj ETQq1 2903-914.	0.78431 0.4	4 rgBT /Ove 15
1099	Optimization of Nitrate Reduction by Electrocoagulation Using Response Surface Methodology. Health Scope, 2014, 3, .	0.4	7
1100	Distribution characteristic of nitrogen and phosphorus in Lake Poyang during high water period. Hupo Kexue/Journal of Lake Sciences, 2013, 25, 643-648.	0.3	16

#	Article	IF	CITATIONS
1101	Wild versus Farmed Fish: Metal Concentration and Biomagnification Trends in the Food Web of a Chinese Reservoir. SSRN Electronic Journal, $0, \dots$	0.4	1
1102	Evaluaci $ ilde{A}^3$ n del crecimiento de la microalga chlorella sorokiniana en diferentes medios de cultivo en condiciones autotroficas y mixotroficas. Orinoquia, 2012, 16, 11.	0.1	10
1103	Morphology of the Invasive Amphiphyte Alternanthera Philoxeroides Under Different Water Levels and Nitrogen Concentrations. Acta Biologica Cracoviensia Series Botanica, 2015, 56, 136-147.	0.5	5
1104	Variation of nitrogen forms in lakes with different intensity of anthropogenic pressure. Limnological Review, 2013, 13, 181-188.	0.5	5
1105	Removal of Ammonia from Wastewater by Natural Freezing Method. , 0, , .		5
1107	Estimation of Nutrient Runoff Processes in the Mekong River Basin Using a Distributed Hydrological Model. Suimon Mizu Shigen Gakkaishi, 2007, 20, 493-504.	0.1	6
1108	Spatial and Temporal Variations of Nutrient Loads in Overland Flow and Subsurface Drainage from A Marginal Land Site in South-East Ireland. Biology and Environment, 2013, 113, 1-18.	0.2	13
1109	Reducing geosmin off-flavor compounds and waste outputs through dietary phosphorus management in rainbow trout aquaculture. Aquaculture Environment Interactions, 2014, 6, 105-117.	0.7	23
1110	Nitrogen and phosphorus limitation of oceanic microbial growth during spring in the Gulf of Aqaba. Aquatic Microbial Ecology, 2009, 56, 227-239.	0.9	33
1111	Helminths and lipid peroxidation in Astyanax aeneus (Pisces: Characidae) from a river in the humid subtropics of southeastern Mexico. Diseases of Aquatic Organisms, 2010, 88, 215-224.	0.5	7
1112	Factors influencing detection and co-detection of Ranavirus and Batrachochytrium dendrobatidis in Midwestern North American anuran populations. Diseases of Aquatic Organisms, 2018, 128, 93-103.	0.5	7
1113	Feeding-related controls on microbial nitrogen cycling associated with the Arctic marine copepod Calanus hyperboreus. Marine Ecology - Progress Series, 2018, 602, 1-14.	0.9	3
1114	Nutrient Level of a Young Tropical Hydroelectric Dam Reservoir in Sarawak, Malaysia. Borneo Journal of Resource Science and Technology, 2018, 8, 14-22.	0.3	2
1115	A Review of Studies Documenting the Effects of Agricultural Best Management Practices on Physiochemical and Biological Measures of Stream Ecosystem Integrity. Natural Areas Journal, 2019, 39, 58.	0.2	18
1116	Tolerance of native and non-native fish species to chemical stress: a case study for the River Rhine. Aquatic Invasions, 2013, 8, 231-241.	0.6	18
1117	Activities of NH4+ and NO2- Oxidizing Bacteria in a Recirculating System of Mud Crab (Scylla serrata) Culture with Different Number of Shelter. Research Journal of Microbiology, 2017, 12, 137-145.	0.2	4
1118	Laboratory Studies on Developmental Responses of the Filarial Vector Mosquito, Culex pipiens pipiens (Diptera: Culicidae), to Urea Fertilizer. Journal of Medical Sciences (Faisalabad, Pakistan), 2012, 12, 175-181.	0.0	4
1119	Impact of Effluents from Wet Coffee Processing Plants on the Walleme River of Southern Ethiopia. Research Journal of Environmental Toxicology, 2017, 11, 90-96.	1.0	8

#	Article	IF	Citations
1120	The Effect of Disturbance on Macroinvertebrate Community Structure in Northeastern Oregon. Northwest Science, 2019, 92, 364.	0.1	1
1121	Ecological responses of epilithic diatoms and aquatic macrophytes to fish farm pollution in a Spanish river. Anales Del Jardin Botanico De Madrid, 2007, 64, .	0.2	10
1122	Fundamentals of the Biological Processes for Nitrogen Removal. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 112-146.	0.3	1
1123	Effects of air pollution on human health and practical measures for prevention in Iran. Journal of Research in Medical Sciences, 2016, 21, 65.	0.4	356
1124	Seasonal Variation of the Physicochemical and Bacteriological Quality of Water from Five Rural Catchment Areas of Lake Victoria Basin in Kenya. Journal of Environmental Analytical Chemistry, 2016, 03, .	0.3	4
1125	Nitrogen Nutrition, Its Regulation and Biotechnological Approaches to Improve Crop Productivity. American Journal of Plant Sciences, 2015, 06, 2745-2798.	0.3	17
1126	Agrochemicals and the Ghanaian Environment, a Review. Journal of Environmental Protection, 2011, 02, 221-230.	0.3	48
1127	Research on the Non-Point Pollution Loads in the Lake Uluabat Basin. Journal of Environmental Protection, 2013, 04, 29-37.	0.3	4
1128	Assessment the Physico-Chemical Characteristics of Water and Sediment in Rosetta Branch, Egypt. Journal of Water Resource and Protection, 2015, 07, 1075-1086.	0.3	17
1130	Nutrient characterisation of river inflow into the estuaries of the Gouritz Water Management Area, South Africa. Water S A, 2014, 40, 687.	0.2	14
1134	Human Health and Ocean Pollution. Annals of Global Health, 2020, 86, 151.	0.8	240
1135	Inter―and Intraâ€Annual Variability of Nitrogen Concentrations in the Headwaters of the Mero River. , 0,		2
1136	Separation Technologies for the Removal of Nitrate-Nitrogen from Aqueous Solution. Clean Technology, 2017, 23, 1-14.	0.1	4
1138	Cockle (Anadara granosa) Tolerance to Ammonia Exposed to Various Concentrations. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2014, 8, 43-47.	0.1	6
1139	The Effect Of Short, Intermediate And Long Duration Of Swimming On Pulmonary Function Tests IOSR Journal of Pharmacy and Biological Sciences, 2012, 4, 18-20.	0.1	2
1140	Constructed Wetlands as a Landscape Management Practice for Nutrient Removal from Agricultural Runoff—A Local Practice Case on the East Coast of Taiwan. Water (Switzerland), 2021, 13, 2973.	1.2	3
1141	Indicadores de sostenibilidad agrÃcola asociados a propiedades, procesos y manejo del suelo. Ciencia Tecnologia Agropecuaria, 2021, 22, e1919.	0.3	0
1142	Distribution of Dissolved Nitrogen Compounds in the Water Column of a Meromictic Subarctic Lake. Nitrogen, 2021, 2, 428-443.	0.6	2

#	Article	IF	Citations
1143	Adding climate change to the mix: responses of aquatic ectotherms to the combined effects of eutrophication and warming. Biology Letters, 2021, 17, 20210442.	1.0	29
1144	Ammonia stress disrupts intestinal microbial community and amino acid metabolism of juvenile yellow catfish (Pelteobagrus fulvidraco). Ecotoxicology and Environmental Safety, 2021, 227, 112932.	2.9	36
1145	Decreasing toxicity of un-ionized ammonia on the gastropod Bellamya aeruginosa when moving from laboratory to field scale. Ecotoxicology and Environmental Safety, 2021, 227, 112933.	2.9	5
1146	Environmental Life Cycle Assessment from a LIME Perspective. , 2010, , 23-58.		0
1147	Water quality assessment of resources of Bijapur, Karnataka. Current World Environment Journal, 2010, 5, 177-180.	0.2	0
1148	Human health risks from toxic cyanobacteria, dinoflagellates and diatoms. , 2010, , 384-387.		0
1149	Effects of Ca ï¼^ll) and EDTA on the growth of Microcystis aeruginosa. Japanese Journal of Water Treatment Biology, 2011, 47, 111-118.	0.2	0
1150	Lotic environment and biota in a stream having inflow of treatment water from a constructed wetland in northern Hokkaido. Ecology and Civil Engineering, 2011, 14, 91-101.	0.1	0
1151	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
1153	Nephthea sp.: Correlation Between Natural Products Production and Pressure from Local Environmental Stressors. Journal of Marine Science: Research & Development, 0, s8, .	0.4	1
1154	Modeling and OLAP Cubes for Database of Ground and Municipal Water Supply. Computational Water Energy and Environmental Engineering, 2013, 02, 77-82.	0.4	0
1155	Distribution and Transformation of Nutrients in Large-Scale Lakes and Reservoirs. Advanced Topics in Science and Technology in China, 2013, , 1-15.	0.0	2
1156	The metazoan parasite communities of the shoal flounder (Syacium gunteri) as bioindicators of chemical contamination in the southern Gulf of Mexico. Parasites and Vectors, 2014, 7, 541.	1.0	3
1157	Cytogenetic Effects of Chosen Heavy Metals to Marine Mussel, Modiolus philippinarum L. under Acute Stress. International Journal of Marine Science, 0, , .	0.0	1
1159	Determination of the zeolite optimal diameter for the settlement of nitrifying bacteria in an aerobic bed fluidized reactor to eliminate ammonia nitrogen. DYNA (Colombia), 2014, 81, 21-29.	0.2	1
1160	Analysis and Treatment of Water Contaminated by Petroleum Products. International Journal of Engineering and Manufacturing, 2014, 4, 1-11.	0.5	0
1161	Geochemical Indicators for Use in the Computation of Critical Loads and Dynamic Risk Assessments. Environmental Pollution, 2015, , 15-58.	0.4	2
1162	CONSUMPTION OF RAINWATER HARVESTING IN TERMS OF WATER QUALITY. International Journal of GEOMATE, 2015, , .	0.1	0

#	Article	IF	CITATIONS
1163	Aplicación de Modelos de Balance de Masa Nutricional para la estimación de descargas en el cultivo de Trucha ArcoÃris en rÃos de altura del Austro ecuatoriano. Revista CientÃfica Y Tecnológica UPSE, 2015, 2, .	0.1	0
1164	Efecto de la espirulina (Arthrospira platensis) (Oscillatoriales: Cyanobacteria) en la crÃa experimental de Pseudosuccinea columella (Basommatophora: Lymnaeidae). Revista De Biologia Tropical, 2015, 63, 479.	0.1	1
1165	RESEARCH OF SMALL HOUSE HOLD SEWAGE TREATMENT PLANT WORKING / MAŽO BUITINIŲ NUOTEKŲ VALĮRENGINIO DARBO TYRIMAI. Science: Future of Lithuania, 2015, 7, 449-454.	YMO	1
1166	An assessment of current and critical nitrogen and phosphorus losses from European agricultural soils. , 0 , , .		O
1167	COMPARATION OF SPINY LOBSTER (Panulirus Sp.) POPULATIONS FROM BANTUL AND CILACAP, CENTRAL JAVA, INDONESIA. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
1168	BUITINIÅ ² NUOTEKÅ ² IÅVALYMO TYRIMAS IR VERTINIMAS. , 2016, , .		0
1169	BUITINIŲ NUOTEKŲ VALYMO ĮRENGINIO DARBO ŽIEMOS LAIKOTARPIU TYRIMAI. , 2016, , .		0
1170	BIOLOGICAL NITROGEN REMOVAL FROM WASTEWATER IN COLD PERIOD / BIOLOGINIS AZOTO JUNGINIÅ ² ÅALINIMAS IÅ NUOTEKÅ ² ÅALTUOJU LAIKOTARPIU. Science: Future of Lithuania, 2016, 8, 468-474.	0.0	1
1171	The Effects Of Artificial And Natural Fertilizers Used For Tea Cultivation On The Physicochemical Water Quality Of Aquatic Ecosystem In The Firtina Valley (Çamlihemşin-Rize). Journal of Anatolian Environmental and Animal Sciences, 2016, 1, 1-13.	0.2	0
1173	Markets for Freshwater Ecosystem Services. , 2017, , 17-42.		0
1174	Comparative Lethality of Agrolyser to Two African Catfish Species Heterobranchus bidorsalis and the Hybrid (Heterobranchus bidorsalis, â™,×Clarias gariepinus, ♀). Journal of Fisheries and Aquatic Science, 2017, 12, 233-240.	0.1	0
1175	Investigation of Activated Sludge Process. Science: Future of Lithuania, 2017, 9, 413-418.	0.0	1
1176	A REVIEW OF CURRENT SITUATION AND PROBLEMS OF WATER RESOURCES IN SHANGHAI. International Journal of Scientific and Engineering Research, 2017, 8, 1711-1718.	0.1	0
1177	Carbon and nitrogen stable isotopes tracing nitrogen pollution in major flooding season in Lake Bang, Lake Poyang Basin. Hupo Kexue/Journal of Lake Sciences, 2018, 30, 957-966.	0.3	1
1180	Environmental Factors Influencing Benthic Polychaete Distributions in a Subtropical Lagoon. Marine Technology Society Journal, 2018, 52, 58-74.	0.3	9
1181	Nitrogen Cycle: Impact on Global Environment. International Journal for Empirical Education and Research, 2018, , 42-52.	0.1	0
1182	Removing nitrogenous compounds from landfill leachate using electrochemical techniques. Environmental Engineering Research, 2019, 24, 339-346.	1.5	5
1184	Understanding the Warming Process. Advances in Geographical and Environmental Sciences, 2019, , 39-78.	0.4	0

#	Article	IF	CITATIONS
1185	Bazı inorganik gýbrelerin entomopatojen nematodlar (Steinernema feltiae Tur-S3 ve Heterorhabditis) Tj ETQq	0.00 rgBT	Overlock 1
1186	Polyphosphate glass as fertilizer for plant seedlings. Materials Protection, 2019, 60, 96-104.	0.1	0
1187	Environmental Pollution by Hydrocarbons in Colombia and Its Impact on the Health of Aquatic Ecosystems., 2019,, 229-254.		0
1188	NOVEL TEMPORARY AQUATIC HABITATS AND DESERT INVERTEBRATE COMMUNITIES. Texas Journal of Science, 2019, 71, .	0.3	1
1190	IMPACT OF ORGANIC AND INORGANIC NITROGEN FERTILIZERS ON WASHINGTON NAVEL ORANGE TREES. I. VEGETATIVE GROWTH, YIELD AND SOIL PROPERTIES. Menoufia Journal of Plant Production, 2019, 4, 395-413.	0.1	0
1192	Ammonia toxicity to endemic fish (Rasbora maninjau) of Lake Maninjau as a reference for water quality guidelines. IOP Conference Series: Earth and Environmental Science, 2020, 535, 012009.	0.2	3
1193	Role of Pesticides as EDCs in Metabolic Disorders. Emerging Contaminants and Associated Treatment Technologies, 2021, , 265-300.	0.4	0
1194	Progress on Noble Metal-Based Catalysts Dedicated to the Selective Catalytic Ammonia Oxidation into Nitrogen and Water Vapor (NH3-SCO). Molecules, 2021, 26, 6461.	1.7	15
1195	Limiting nitrate triggered increased EPS film but decreased biocorrosion of copper induced by Pseudomonas aeruginosa. Bioelectrochemistry, 2022, 143, 107990.	2.4	11
1196	Spectrophotometric Nitrate Determination in Natural Waters by Conversion into 4-Nitroguaiacol. Chemistry Africa, 0, , 1.	1.2	0
1198	Marine Bioprospecting to Improve Knowledge of the Biological Sciences and Industrial Processes. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-14.	0.0	0
1199	Speciated Collection of Nitric Acid and Fine Particulate Nitrate for Nitrogen and Oxygen Stable Isotope Determination. Analytical Chemistry, 2020, 92, 16079-16088.	3.2	1
1200	Amino-modified zirconia aerogels for the efficient filtration of NO ₂ : effects of water on the removal mechanisms. Environmental Science: Nano, 2021, 8, 3722-3734.	2.2	3
1201	Stacked conservation practices reduce nitrogen loss: A paired watershed study. Journal of Environmental Management, 2022, 302, 114053.	3.8	3
1202	Potential Economic Value of Chitin and Its Derivatives as Major Biomaterials of Seafood Waste, with Particular Reference to Southeast Asia. Journal of Renewable Materials, 2022, 10, 909-938.	1.1	6
1203	Watershed fragility Assessment: a Methodological Approach of Siltation and Pollution Vulnerability on a Rural Watershed in Ibiúna (Southeastern Brazilian Region). Current Environmental Management, 2020, 6, 210-219.	0.7	0
1205	Effect of Ce-modified Fe/ZSM-5 zeolite for selective catalytic reduction of NOx by ammonia. E3S Web of Conferences, 2020, 218, 03032.	0.2	0
1206	Phytoplankton: Biodiesel Production and Other Applications for Marine Biotechnology. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-10.	0.0	0

#	Article	IF	Citations
1207	Correlation between macroinvertebrates and plankton in two deep eutrophic reservoirs. Hupo Kexue/Journal of Lake Sciences, 2020, 32, 1060-1075.	0.3	0
1208	MAŽŲ BUITINIŲ NUOTEKŲ KIEKIŲ VALYMO TYRIMAI IR ANALIZė., 0,,.		2
1209	The effect of ammonium nitrogen and phosphorus of phosphates on the biochemical parameters of juvenile rudd (Scardinius erythrophthalmus Linnaeus, 1758). Fisheries Science of Ukraine, 2020, , 79-94.	0.1	0
1210	Development of a method of assessment of ecological risk of surface water pollution by nitrogen compounds. Eastern-European Journal of Enterprise Technologies, 2021, 5, 15-25.	0.3	0
1211	The production of tiger prawn (Penaeus monodon) juveniles using the hapas on brackishwater pond in Sidoarjo Regency. IOP Conference Series: Earth and Environmental Science, 2021, 860, 012032.	0.2	3
1212	Self-sustained ammonium recovery from wastewater and upcycling for hydrogen-oxidizing bacteria-based power-to-protein conversion. Bioresource Technology, 2022, 344, 126271.	4.8	11
1214	Nitratų koncentracijos vandenyje ir nuotekose maų¼inimas filtruojant per Purolite uų¼pildÄ, 0, , .		0
1216	Algae as Miniature Wastewater Scavengers. , 2021, , 89-101.		O
1217	Dynamic Adsorption of Ammonium Ions from Aqueous Solutions by Strong-Acid Cationities. Russian Journal of Physical Chemistry B, 2020, 14, 914-921.	0.2	0
1218	Air Quality Monitoring and Disease Prediction Using IoT and Machine Learning. Advances in Intelligent Systems and Computing, 2021, , 18-32.	0.5	O
1219	Microbial bioremediation of aquaculture effluents. , 2022, , 409-417.		0
1220	Nitrogen removal from poultry slaughterhouse wastewater in anaerobic-anoxic-aerobic combined reactor: Integrated effect of recirculation rate and hydraulic retention time. Journal of Environmental Management, 2022, 303, 114162.	3.8	9
1221	Neurotoxicity induced by combined exposure of microcystin-LR and nitrite in male zebrafish (Danio) Tj ETQq0 0 0 and Physiology Part - C: Toxicology and Pharmacology, 2022, 253, 109248.	rgBT /Ove 1.3	rlock 10 Tf ! 5
1222	Î'15N of Chironomidae: An index of nitrogen sources and processing within watersheds for national aquatic monitoring programs. Science of the Total Environment, 2021, 813, 151867.	3.9	2
1223	Strategic management of nitrate pollution from contaminated water using viable adsorbents: An economic assessment-based review with possible policy suggestions. Journal of Environmental Management, 2022, 303, 114081.	3.8	30
1224	Bioaccumulation of Fluoride in Plants and Its Microbially Assisted Remediation: A Review of Biological Processes and Technological Performance. Processes, 2021, 9, 2154.	1.3	13
1225	Removal of Cyanide and Other Nitrogen-Based Compounds from Gold Mine Effluents Using Moving Bed Biofilm Reactor (MBBR). Water (Switzerland), 2021, 13, 3370.	1.2	0
1226	Assessment of Calcium Nitrate Addition on the AVS Removal, Phosphorus Locking, and Pb Release in Sediment. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	2

#	Article	IF	CITATIONS
1227	Pollutant removal from municipal sewage by a microaerobic up-flow oxidation ditch coupled with micro-electrolysis. Royal Society Open Science, 2021, 8, 201887.	1.1	6
1228	Biodegradation of tetramethylammonium chloride wastewater and inorganic nitrogen removal by a mixed culture. Journal of Environmental Chemical Engineering, 2022, 10, 106931.	3.3	2
1229	Physicochemical and biological changes downstream from a trout farm outlet: Comparing 1986 and 2006 sampling surveys., 2007, 26, 405-414.		9
1230	Advanced Simultaneous Nitrogen and Phosphorus Removal for Non-Sterile Wastewater Through a Novel Coupled Yeast-Sludge System: Performance, Microbial Interaction, and Mechanism. SSRN Electronic Journal, 0, , .	0.4	O
1231	Response difference of simultaneous sulfide and nitrite removal process to different cooling modes. Bioresource Technology, 2022, 346, 126601.	4.8	2
1232	Inhibitory effect of novel green polymer (Aspartic-citric acid) on the process of nucleation during gypsum scale formation. Journal of Crystal Growth, 2022, 581, 126472.	0.7	3
1233	Applications of the quartz crystal microbalance in energy and environmental sciences: From flow assurance to nanotechnology. Fuel, 2022, 313, 122998.	3.4	9
1234	Recovering metal(loids) and rare earth elements from closed landfill sites without excavation: Leachate recirculation opportunities and challenges. Chemosphere, 2022, 292, 133418.	4.2	12
1235	Towards citizen science. On-site detection of nitrite and ammonium using a smartphone and social media software. Science of the Total Environment, 2022, 815, 152613.	3.9	18
1236	Flowpath influence on stream acid events in tropical urban streams in Singapore. Hydrological Processes, 2022, 36, .	1.1	2
1237	Anaerobic microbial manganese oxidation and reduction: A critical review. Science of the Total Environment, 2022, 822, 153513.	3.9	31
1238	Classic indicators and diel dissolved oxygen versus trend analysis in assessing eutrophication of potableâ€water reservoirs. Ecological Applications, 2022, 32, e2541.	1.8	8
1239	A Spatiotemporal Model for the Effects of Toxicants on Populations in a Polluted River. SIAM Journal on Applied Mathematics, 2022, 82, 95-118.	0.8	22
1240	Identifying the source and transformation of riverine nitrates in a karst watershed, North China: Comprehensive use of major ions, multiple isotopes and a Bayesian model. Journal of Contaminant Hydrology, 2022, 246, 103957.	1.6	12
1241	Taxonomic and Functional Responses of Species-Poor Riverine Fish Assemblages to the Interplay of Human-Induced Stressors. Water (Switzerland), 2022, 14, 355.	1.2	3
1242	Distinguishing the molecular diversity, nutrient content, and energetic potential of exometabolomes produced by macroalgae and reef-building corals \hat{A} . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	28
1243	A theoretical study of gas adsorption on tin arsenic and its application as a highly sensitive NO2 sensor. Journal of Materials Science, 2022, 57, 444-452.	1.7	3
1244	Assessing seasonal variation of diffusive nitrous oxide emission from freshwater wetland in Keibul Lamjao National Park, Manipur Northeast India. Atmospheric Environment: X, 2022, 13, 100147.	0.8	1

#	Article	IF	CITATIONS
1245	Electrochemical Devices to Monitor Ionic Analytes for Healthcare and Industrial Applications. Chemosensors, 2022, 10, 22.	1.8	4
1246	Indoor pollution and human health. AIP Conference Proceedings, 2022, , .	0.3	1
1247	An improved calibration technique to address high dimensionality and non-linearity in integrated groundwater and surface water models. Environmental Modelling and Software, 2022, 149, 105312.	1.9	9
1248	Evidence of temperature-controlled dissolved inorganic nitrogen distribution in a shallow lake. Journal of Environmental Sciences, 2022, 122, 105-114.	3.2	7
1249	Utilization of human waste and animal urine for energy and resource recovery in microbial electrochemical system., 2022, , 419-435.		1
1250	Mechanisms of the Beneficial Effects of Probiotic Bacillus spp. in Aquaculture. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 453-486.	0.6	4
1251	Regulation strategy for nutrient-dependent carbon and nitrogen stoichiometric homeostasis in freshwater phytoplankton. Science of the Total Environment, 2022, 823, 153797.	3.9	6
1252	Green synthesis of zinc oxide nanoparticles using Eucalyptus lanceolata leaf litter: characterization, antimicrobial and agricultural efficacy in maize. Physiology and Molecular Biology of Plants, 2022, 28, 363-381.	1.4	24
1253	Long-term riverine nitrogen dynamics reveal the efficacy of water pollution control strategies. Journal of Hydrology, 2022, 607, 127582.	2.3	13
1254	Caffeine-containing wastewater treatment and bioelectricity generation in up-flow constructed wetland-microbial fuel cell: Influence of caffeine concentration, operating conditions, toxicity assessment, and degradation pathway. Journal of Water Process Engineering, 2022, 46, 102623.	2.6	12
1255	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
1256	Dissimilatory reduction of sulfate, nitrate and nitrite ions by bacteria Desulfovibrio sp. under the influence of potassium dichromate. Regulatory Mechanisms in Biosystems, 2022, 13, 23-37.	0.5	0
1258	Comparison of immune defense and antioxidant capacity between broodstock and hybrid offspring of juvenile shrimp (<i>Macrobrachium nipponense</i>): Response to acute ammonia stress. Animal Genetics, 2022, 53, 380-392.	0.6	4
1259	Behavioral Variables to Assess the Toxicity of Unionized Ammonia in Aquatic Snails: Integrating Movement and Feeding Parameters. Archives of Environmental Contamination and Toxicology, 2022, 82, 429-438.	2.1	5
1260	Microbial community composition, dynamics, and biogeochemistry during the start-up of a partial nitritation-anammox pathway in an upflow reactor. Sustainable Environment Research, 2022, 32, .	2.1	1
1261	Importance of ammonia nitrogen potentially released from sediments to the development of eutrophication in a plateau lake. Environmental Pollution, 2022, 305, 119275.	3.7	19
1262	Effects of ambient <scp>ammoniaâ€N</scp> exposure on uric acid and urea metabolic pathways and tissue distribution in the swimming crab <i>Portunus trituberculatus</i> . North American Journal of Aquaculture, 0, , .	0.7	1
1263	Effects of ammonia on gill (Na+, K+)-ATPase kinetics in a hololimnetic population of the Amazon River shrimp Macrobrachium amazonicum. Aquatic Toxicology, 2022, 246, 106144.	1.9	2

#	Article	IF	CITATIONS
1264	Exploring the agricultural reutilisation of desalination reject brine from reverse osmosis technology. Desalination, 2022, 529, 115644.	4.0	5
1265	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
1266	Mucosal and systemic immune effects of Bacillus subtilis in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2022, 124, 142-155.	1.6	9
1267	Review on arsenic removal using biochar-based materials. Groundwater for Sustainable Development, 2022, 17, 100740.	2.3	26
1268	Using Transcript Levels of Nitrate Transporter 2 as Molecular Indicators to Estimate the Potentials of Nitrate Transport in Symbiodinium, Cladocopium, and Durusdinium of the Fluted Giant Clam, Tridacna squamosa. Frontiers in Marine Science, 2021, 8, .	1,2	4
1269	The Dynamics of NO3â^ and NH4+ Uptake in Duckweed Are Coordinated with the Expression of Major Nitrogen Assimilation Genes. Plants, 2022, 11, 11.	1.6	20
1270	Nitrogenous fertilizers: impact on environment sustainability, mitigation strategies, and challenges. International Journal of Environmental Science and Technology, 2022, 19, 11649-11672.	1.8	27
1271	Nitrate Removal by Zero-Valent Metals: A Comprehensive Review. Sustainability, 2022, 14, 4500.	1.6	16
1272	Nutrient release flux in Baiyangdian Lake with high disturbance. Chinese Journal of Analytical Chemistry, 2022, 50, 100095.	0.9	3
1273	Behavioural Responses and Mortality of Mozambique Tilapia Oreochromis mossambicus to Three Commonly Used Macadamia Plantation Pesticides. Water (Switzerland), 2022, 14, 1257.	1.2	1
1274	Assessing the impacts of urbanization on stream ecosystem functioning through investigating litter decomposition and nutrient uptake in a forest and a hyper-eutrophic urban stream. Ecological Indicators, 2022, 138, 108859.	2.6	4
1275	Effects of acute ammonia nitrogen exposure on metabolic and immunological responses in the Hong Kong oyster Crassostrea hongkongensis. Ecotoxicology and Environmental Safety, 2022, 237, 113518.	2.9	13
1297	Nitrate adsorption onto surface-modified red mud in batch and fixed-bed column systems: equilibrium, kinetic, and thermodynamic studies. Environmental Science and Pollution Research, 2022, 29, 48438-48452.	2.7	14
1298	Succinic Acid-Assisted Modification of a Natural Zeolite and Preparation of its Porous Pellet for Enhanced Removal of Ammonium in Wastewater Via Fixed-Bed Continuous Flow Column. SSRN Electronic Journal, 0, , .	0.4	0
1299	Assessment of surface water quality of the bois river ($Goi\tilde{A}_i$ s, $Brazil$) using an integrated physicochemical, microbiological and ecotoxicological approach. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, , 1-8.	0.9	0
1300	Nitrite Cycling in Warming Arctic and Subarctic Waters. Geophysical Research Letters, 2022, 49, .	1.5	3
1301	Groundwater-surface water interactions at wetland interface: Advancement in catchment system modeling. Environmental Modelling and Software, 2022, 152, 105407.	1.9	9
1302	Effects of modelling studies on controlled drainage in agricultural land on reduction of outflow and nitrate losses–a meta-analysis. PLoS ONE, 2022, 17, e0267736.	1.1	0

#	Article	IF	CITATIONS
1303	Purification of polluted surface water by sponge moving bed membrane bioreactor with short hydraulic retention time operation. Water and Environment Journal, 2022, 36, 633-643.	1.0	1
1304	Determination of particle-bound nutrients and micropollutants concentrations and loads in small rivers – A novel sampling method. Limnologica, 2023, 98, 125991.	0.7	1
1305	Carryover effects of chronic exposure to ammonium during the larval stage on post-metamorphic frogs. Aquatic Toxicology, 2022, 248, 106196.	1.9	5
1306	The grey water footprint of milk due to nitrate leaching from dairy farms in Canterbury, New Zealand. Australasian Journal of Environmental Management, 2022, 29, 177-199.	0.6	6
1307	Secondary Coordination Sphere Influences the Formation of Fe(III)-O or Fe(III)-OH in Nitrite Reduction: A Synthetic and Computational Study. Inorganic Chemistry, 2022, 61, 8182-8192.	1.9	8
1308	Avenues of sustainable pollutant bioremediation using microbial biofilms. , 2022, , 121-153.		1
1309	Downpour Dynamics: Outsized Impacts of Storm Events on Unprocessed Atmospheric Nitrate Export in an Urban Watershed. SSRN Electronic Journal, 0, , .	0.4	0
1310	Shifts in the bacterial community caused by combined pollutant loads in the North Canal River, China. Journal of Environmental Sciences, 2023, 127, 541-551.	3.2	6
1311	Virtuous Cycle: An Idea of Water Resources Management and Top-Level Planning. Water (Switzerland), 2022, 14, 1738.	1.2	0
1312	Surface Modification Strategy for Enhanced NO2 Capture in Metal–Organic Frameworks. Molecules, 2022, 27, 3448.	1.7	5
1313	Habitat selection of smooth-coated otters (Lutrogale perspicillata) in the peri-coastal, urbanised landscape of Goa, India. Mammal Research, 2022, 67, 299-309.	0.6	3
1314	Sustainable Synthesis of Carbon Quantum Dots with Tailored Surface Functional Groups from Pomelo Peel Waste for Inhibiting Scale. ChemistrySelect, 2022, 7, .	0.7	2
1315	Farmâ€scale models in fish aquaculture – An overview of methods and applications. Reviews in Aquaculture, 2022, 14, 2122-2157.	4.6	13
1316	Succinic acid-assisted modification of a natural zeolite and preparation of its porous pellet for enhanced removal of ammonium in wastewater via fixed-bed continuous flow column. Journal of Water Process Engineering, 2022, 48, 102906.	2.6	4
1317	In-situ rapid monitoring of nitrate in urban water bodies using Fourier transform infrared attenuated total reflectance spectroscopy (FTIR-ATR) coupled with deconvolution algorithm. Journal of Environmental Management, 2022, 317, 115452.	3.8	7
1318	Multi-functional metal–organic frameworks for detection and removal of water pollutions. Chemical Communications, 2022, 58, 7890-7908.	2.2	25
1319	Unraveling a correlation between environmental contaminants and human health., 2022,, 27-40.		0
1320	Nutrients dynamics in water and sediment of the Bonny Estuary, Niger Delta, Nigeria. Environmental Monitoring and Assessment, 2022, 194, .	1.3	O

#	ARTICLE	IF	CITATIONS
1321	The effect of ENSO on common bean production in Colombia: a time series approach. Food Security, 0 , 0 .	2.4	O
1322	Electrocatalytic Reduction of Nitrogen Oxyanions with a Redox-Active Cobalt Macrocycle Complex. Inorganic Chemistry, 2022, 61, 9034-9039.	1.9	8
1323	EvaluaciÃ ³ n de la calidad de aguas superficiales en espacios recreacionales, una propuesta integradora de marcadores quÃmicos y microbiolÃ ³ gicos. Revista De La Facultad De Ciencias Medicas De Cordoba, 2022, 79, 210-214.	0.1	0
1324	Scaling inhibition by sol-gel phosphosilicate hybrid films: Influence of doping Cu2+ and Zn2+ cations. Surface and Coatings Technology, 2022, 443, 128597.	2.2	2
1325	Ammonium enrichment and recovery from synthetic and real industrial wastewater by amine-modified thin film composite forward osmosis membranes. Separation and Purification Technology, 2022, 297, 121534.	3.9	20
1326	Electrooxidation of ammonia on A-site deficient perovskite oxide La0.9Ni0.6Cu0.35Fe0.05O3-δfor wastewater treatment. Separation and Purification Technology, 2022, 297, 121451.	3.9	13
1327	Isotopes Don't Lie, differentiating organic from conventional banana (Musa AAA, Cavendish subgroup) fruits using C and N stable isotopes. Food Chemistry, 2022, 394, 133491.	4.2	10
1328	Feasibility of waste-free use of microalgae in aquaculture. Journal of Applied Phycology, 2022, 34, 2297-2313.	1.5	3
1329	Effects of Environmental Concentrations of Total Phosphorus on the Plankton Community Structure and Function in a Microcosm Study. International Journal of Environmental Research and Public Health, 2022, 19, 8412.	1,2	3
1330	Nutrient limitation of primary production in rivers along a land use gradient in the Lake Biwa Basin, Shiga Prefecture, Japan. Aquatic Ecology, 2022, 56, 1177-1203.	0.7	1
1331	Effects of return flows on stream water quality and availability in the Upper Colorado, Delaware, and Illinois River Basins., 2022, 1, e0000030.		1
1332	Advances in Barley Breeding for Improving Nitrogen Use Efficiency. Agronomy, 2022, 12, 1682.	1.3	4
1333	C, N, and P Mass Balances in the Bottom Seawater–Surface Sediment Interface in the Reducing Environment due to Anoxic Water of Gamak Bay, Korea. Water (Switzerland), 2022, 14, 2244.	1.2	1
1334	Mixing processes in a reservoir corresponding to different water level operations caused spatial differences during two phytoplankton bloom events. Journal of Hydrology, 2022, 612, 128139.	2.3	16
1335	FO–MD integrated process for nitrate removal from contaminated groundwater using seawater as draw solution to supply clean water for rural communities. Separation and Purification Technology, 2022, 298, 121621.	3.9	7
1336	A hydrogel-based chemosensor applied in conjunction with a Griess assay for real-time colorimetric detection of nitrite in the environment. Sensors and Actuators B: Chemical, 2022, 369, 132298.	4.0	13
1337	Dual isotopes of nitrite in the Amundsen Sea in summer. Science of the Total Environment, 2022, 843, 157055.	3.9	2
1338	Nitrogen efficiency indexes association with nitrogen recovery, utilization, and use efficiency in spring barley at various nitrogen application rates. Agronomy Journal, 2022, 114, 2290-2309.	0.9	4

#	Article	IF	CITATIONS
1339	Adsorption of nitrate from interflow by the Mg/Fe calcined layered double hydroxides. Water Science and Technology, 2022, 86, 511-529.	1.2	2
1340	Environmental, Biological, and Fishing Factors Influencing Fish Mortality and Development of the Cachirra event, NavÃo Quebrao Lagoon. Tecnura, 2022, 26, 17-41.	0.1	0
1341	The Abundance and Potential Activity of Nitrifying, Denitrifying, and Nitrate-ammonifying Bacteria in the Vanamae Shrimp Culture in Karawang. IOP Conference Series: Earth and Environmental Science, 2022, 1062, 012011.	0.2	0
1342	Evaluation of Microalgal Bacterial Dynamics in Pig-Farming Biogas Digestate under Impacts of Light Intensity and Nutrient Using Physicochemical Parameters. Water (Switzerland), 2022, 14, 2275.	1.2	0
1343	Transformation of nitrogen compounds in a regenerated urban drainage stream in New Zealand. New Zealand Journal of Marine and Freshwater Research, 2024, 58, 28-45.	0.8	0
1344	Single-chamber microbial electrosynthesis reactor for nitrate reduction from waters with a low-electron donors' concentration: from design and set-up to the optimal operating potential. Frontiers in Environmental Science, 0, 10, .	1.5	2
1345	Water supply processes are responsible for significant nitrogen fluxes across the United States. Global Biogeochemical Cycles, 0, , .	1.9	3
1347	Real-Time Underway Mapping of Nutrient Concentrations of Surface Seawater Using an Autonomous Flow Analyzer. Analytical Chemistry, 2022, 94, 11307-11314.	3.2	6
1348	Exposure to nitrate induces alterations in blood parameter responses, liver immunity, and lipid metabolism in juvenile turbot (Scophthalmus maximus). Aquatic Toxicology, 2022, 251, 106280.	1.9	6
1349	Removal of Nitrogenous Compounds from Municipal Wastewater Using a Bacterial Consortium: an Opportunity for More Sustainable Water Treatments. Water, Air, and Soil Pollution, 2022, 233, .	1.1	3
1350	Biogeochemical Processes of Dissolved Nitrogen in the Backwater Zone of a Tributary in Three Gorges Reservoir, China: Implications from the Hydrologic Processes and Isotopic Tracing. ACS Earth and Space Chemistry, 2022, 6, 2104-2113.	1.2	2
1351	Regulating the Pore Microenvironment of Microporous Metal–Organic Frameworks for Efficient Adsorption of Low-Concentration Ammonia. ACS Sustainable Chemistry and Engineering, 2022, 10, 10945-10954.	3.2	7
1352	Nitrate-Induced Toxicity and Potential Attenuation of Behavioural and Stress Biomarkers in Tubifex tubifex. International Journal of Environmental Research, 2022, 16 , .	1.1	2
1353	Factors influencing cyanobacteria blooms: review of the historical monitoring data to assess management options for Lake Horowhenua. New Zealand Journal of Marine and Freshwater Research, 2024, 58, 1-27.	0.8	5
1354	Eutrophication thresholds associated with protection of biological integrity in California wadeable streams. Ecological Indicators, 2022, 142, 109180.	2.6	8
1355	An aerobic denitrifier Pseudomonas stutzeri Y23 from an oil reservoir and its heterotrophic denitrification performance in laboratory-scale sequencing batch reactors. International Biodeterioration and Biodegradation, 2022, 174, 105471.	1.9	6
1356	Denitrification kinetics during aquifer storage and recovery of drainage water from agricultural land. Science of the Total Environment, 2022, 849, 157791.	3.9	1
1357	Multi-isotope tracing nitrate dynamics and sources during thermal stratification in a deep reservoir. Chemosphere, 2022, 307, 135816.	4.2	5

#	Article	IF	CITATIONS
1358	Surface modification of thin film composite forward osmosis membrane using tris(2-aminoethyl)amine for enhanced ammonium recovery. Desalination, 2022, 541, 116002.	4.0	10
1359	Utilizing woody materials for fungal-based management of soil nitrogen pools. Applied Soil Ecology, 2023, 181, 104663.	2.1	2
1360	Simultaneous Removal of Nitrogen and Arsenite by Heterotrophic Nitrification and Aerobic Denitrification Bacterium Hydrogenophaga Sp. H7. SSRN Electronic Journal, 0, , .	0.4	0
1361	Fish Diversity and Abundance Patterns in Small Watercourses of the Central European Plain Ecoregion in Relation to Environmental Factors. Water (Switzerland), 2022, 14, 2697.	1.2	3
1362	The crystalline behavior of poly(_L â€lactide) induced by nucleating agents with amide structure: The effect of benzamide molecule symmetry. Journal of Polymer Science, 2023, 61, 67-82.	2.0	2
1363	The Integrated system for Natural Capital Accounting (INCA) in Europe: twelve lessons learned from empirical ecosystem service accounting. One Ecosystem, 0, 7, .	0.0	3
1364	Influence of Pig Slurry Application Techniques on Soil CO2, N2O, and NH3 Emissions. Sustainability, 2022, 14, 11107.	1.6	0
1365	Application of Activated Seashells and Sand Armor for Disrupting N and P Release from River Sediments. Water (Switzerland), 2022, 14, 2875.	1.2	0
1366	Anthropogenic contaminants in glacial environments II: Release and downstream consequences. Progress in Physical Geography, 2022, 46, 790-808.	1.4	6
1367	Differential sensitivity of offspring from four species of goodeine freshwater fish to acute exposure to nitrates. Frontiers in Ecology and Evolution, $0,10,10$	1.1	2
1368	Lewis acid-assisted reduction of nitrite to nitric and nitrous oxides via the elusive nitrite radical dianion. Nature Chemistry, 2022, 14, 1265-1269.	6.6	6
1369	Nitrate enrichment does not affect enteropathogenic <i>Escherichia coli</i> in aquatic microcosms but may affect other strains present in aquatic habitats. Peerl, 0, 10, e13914.	0.9	0
1370	Recent advances in microfluidic sensors for nutrients detection in water. TrAC - Trends in Analytical Chemistry, 2023, 158, 116790.	5.8	9
1371	Temperature and livestock grazing trigger transcriptome responses in bumblebees along an elevational gradient. IScience, 2022, 25, 105175.	1.9	1
1372	Eutrophication and Oligotrophication. , 2024, , 442-478.		2
1373	A highâ€resolution monitoring station for the in situ assessment of nitrateâ€related redox processes at an agricultural site. Journal of Environmental Quality, 2023, 52, 188-198.	1.0	1
1374	From planetary to regional boundaries for agricultural nitrogen pollution. Nature, 2022, 610, 507-512.	13.7	78
1375	Seasonal Variation and Driving Factors of Nitrate in Rivers of Miyun Reservoir Watershed, North China. Water (Switzerland), 2022, 14, 3124.	1.2	0

#	Article	IF	CITATIONS
1376	A Review of Groundwater Contamination in West Bank, Palestine: Quality, Sources, Risks, and Management. Water (Switzerland), 2022, 14, 3417.	1.2	5
1377	Nitrate and sodium nitroprusside alter the development of Asian black-spined toads' embryos by inducing nitric oxide production. Environmental Science and Pollution Research, 2023, 30, 23060-23069.	2.7	1
1378	A Highly Efficient Polystyrene-Based Cationic Resin to Reduce Bacterial Contaminations in Water. Polymers, 2022, 14, 4690.	2.0	3
1379	Ecosystem complexity explains the scale-dependence of ammonia toxicity on macroinvertebrates. Water Research, 2022, 226, 119266.	5.3	8
1380	Improving the sustainable management of mining tailings through microbially induced calcite precipitation: A review. Minerals Engineering, 2022, 189, 107855.	1.8	13
1381	MIGRATION OF BIOGENIC ELEMENTS FROM BOTTOM SEDIMENTS AS AN ADDITIONAL INTERNAL LOAD OF NUTRIENTS ON THE WATER BODIES OF THE URBAN AREA. Gìdrologìâ, Gìdrohìmìâ ì Gìdroekolog57-67.	gÃeâ, 20	22,,
1382	Early warning of red tides using bacterial and eukaryotic communities in nearshore waters. Environmental Research, 2023, 216, 114711.	3.7	1
1383	Electrocoagulation followed by sound agitation for removal of nitrogen and carbon-based pollutants from industrial wastewater. Water Science and Technology, 0, , .	1.2	O
1384	Polymer immobilized TiO2 microparticles for photocatalytic degradation of caffeine. Materials Today: Proceedings, 2022, 71, 119-123.	0.9	3
1385	Understanding and approaches towards circular bioâ€economy of wastewater reuse in fisheries and aquaculture in India: An overview. Reviews in Aquaculture, 2023, 15, 1100-1114.	4.6	9
1386	Nitrogen loads in urban surface runoff from a major, cold-region North American city in 1991–2021. Journal of Cleaner Production, 2023, 382, 135411.	4.6	2
1387	New insights into the mechanism of ammonia toxicity: Focus on Cactus. Ecotoxicology and Environmental Safety, 2023, 249, 114357.	2.9	0
1388	A comprehensive review on mixotrophic denitrification processes for biological nitrogen removal. Chemosphere, 2023, 313, 137474.	4.2	22
1389	Acute low-dose phosphate disrupts glycerophospholipid metabolism and induces stress in juvenile turbot (Scophthalmus maximus). Science of the Total Environment, 2023, 861, 160430.	3.9	4
1390	Characteristics of bacterial communities in a rural river water restored by ecological floating beds with Oenathe javanica. Ecological Engineering, 2023, 187, 106823.	1.6	3
1391	Ammonium effects on oxidative stress, telomere length, and locomotion across life stages of an anuran from habitats with contrasting land-use histories. Science of the Total Environment, 2023, 862, 160924.	3.9	3
1392	Peculiarities of the Dynamics of Some Elements of Hydrochemical Regime in Small Water Bodies of Urban Territories: Nutrients and Organic Matter. Hydrobiological Journal, 2022, 58, 81-103.	0.2	1
1393	Domesticating a Halotolerant Bacterium of Vibrio sp. LY1024 with Heterotrophic Nitrification–Aerobic Denitrification Property for Efficient Nitrogen Removal in Mariculture Wastewater Treatment. Coatings, 2022, 12, 1786.	1.2	3

#	Article	IF	CITATIONS
1394	Recent progress in electrochemical C–N coupling reactions. EScience, 2023, 3, 100086.	25.0	23
1395	Graphitic-C3N4/chitosan-doped NiO nanostructure to treat the polluted water and their bactericidal with in silico molecular docking analysis. International Journal of Biological Macromolecules, 2023, 227, 962-973.	3.6	8
1397	Assessment of the Impacts of Phyto-Remediation on Water Quality of the Litani River by Means of Two Wetland Plants (Sparganium erectum and Phragmites australis). Water (Switzerland), 2023, 15, 4.	1.2	1
1398	Structural parameters of biofilm and bacterioplankton are better indicators of urbanization than photosynthetic functional parameters in low-order streams. Hydrobiologia, 0, , .	1.0	1
1399	A Review of the Emerging Risks of Acute Ammonia Nitrogen Toxicity to Aquatic Decapod Crustaceans. Water (Switzerland), 2023, 15, 27.	1.2	8
1400	Susceptibility status of the malaria vector, <i>Anopheles arabiensis</i> to insecticides used in vector-borne diseases control in areas with heterogeneous sources of pollutants in South-East Tanzania. Transactions of the Royal Society of South Africa, 2022, 77, 195-205.	0.8	1
1401	Robust off-grid analyser for autonomous remote in-situ monitoring of nitrate and nitrite in water. Talanta Open, 2023, 7, 100173.	1.7	4
1402	Spectral Induced Polarization (SIP) of Denitrificationâ€Driven Microbial Activity in Column Experiments Packed With Calcareous Aquifer Sediments. Journal of Geophysical Research G: Biogeosciences, 2023, 128, .	1.3	4
1403	Innovative photoelectrocatalytic water remediation system for ammonia abatement. Catalysis Today, 2023, 413-415, 113996.	2.2	1
1404	Endogenous mechanism of microbial functional gene and exogenous nitrogen removal factors driven by sustainable iron-nitrogen cycling. Journal of Cleaner Production, 2023, 391, 136043.	4.6	5
1405	Groundwater quality and community health risk in Lalitpur Metropolitan City, Nepal $\hat{a} \in \hat{a}$ a geospatial analysis. Geocarto International, 2023, 38, .	1.7	5
1406	Model-based Analysis of Nitrogen Dynamics in the Tigris River in Baghdad City. Journal of Water Management Modeling, 0, , .	0.0	0
1407	Nitrate and Phosphorus Transport in a Galician River (NW Iberian Peninsula): Insights From Fourteen Years of Monitoring. Spanish Journal of Soil Science, 0, 13, .	0.0	0
1408	The IL17 signaling pathway: A potential signaling pathway mediating gill hyperplasia and inflammation under ammonia nitrogen stress was identified by multi-omics analysis. Science of the Total Environment, 2023, 867, 161581.	3.9	10
1409	Heavy Metal Estimation and Quality Assurance Parameters for Water Resources in the Northern Region of Pakistan. Water (Switzerland), 2023, 15, 77.	1.2	3
1411	Microalgae-Based Biotechnology as Alternative Biofertilizers for Soil Enhancement and Carbon Footprint Reduction: Advantages and Implications. Marine Drugs, 2023, 21, 93.	2.2	21
1412	Soil nutrient dynamics under mountainous landscape: issues and challenges., 2023,, 131-149.		0
1413	Dose-dependent Plant-promoting Effect of Macroalgae Stypopodium schimperi Extracts in Solanum lycopersicum and Detection of Phloroglucinol Composition. Journal of Soil Science and Plant Nutrition, 0, , .	1.7	0

#	Article	IF	CITATIONS
1414	Intelligent soft computational models integrated for the prediction of potentially toxic elements and groundwater quality indicators: a case study. Journal of Sedimentary Environments, 2023, 8, 57-79.	0.7	11
1415	The daily locomotor activity profile of Zebrafish <i>Danio rerio</i> is affected when exposed to polluted water from Lerma River (Guanajuato, Mexico). Biological Rhythm Research, 2023, 54, 385-398.	0.4	O
1416	Transcriptomics reveals the effect of ammonia nitrogen concentration on Pseudomonas stutzeri F2 assimilation and the analysis of amtB function. Synthetic and Systems Biotechnology, 2023, 8, 262-272.	1.8	4
1417	Real-time underway measurement of ammonium in coastal and estuarine waters using an automated flow analyzer with hollow fiber membrane contactor. Science of the Total Environment, 2023, 880, 163281.	3.9	4
1418	Assessment of water quality and its effect on prawn abundance in three tributaries of Shiwalik rivers: Chenab and Ravi of Jammu, India—a case study. Applied Water Science, 2023, 13, .	2.8	3
1419	Removal of Nutrients from Water Using Biosurfactant Micellar-Enhanced Ultrafiltration. Molecules, 2023, 28, 1559.	1.7	2
1420	Potential of Sentinel Images to Evaluate Physicochemical Parameters Concentrations in Water Bodies—Application in a Wetlands System in Northern Colombia. Water (Switzerland), 2023, 15, 789.	1.2	4
1421	Patterns of nitrate retention in agriculturally influenced streams and rivers. Biogeochemistry, 2023, 163, 155-183.	1.7	3
1423	Sorption capacities of various activated carbons towards nitrates: effects of nitrate concentration, pH, time and co-existing ions. International Journal of Environmental Science and Technology, 2023, 20, 13033-13044.	1.8	1
1424	Agricultural Soil Degradation in Estonia, Latvia and Lithuania. Handbook of Environmental Chemistry, 2023, , .	0.2	0
1425	Simultaneous removal of nitrogen and arsenite by heterotrophic nitrification and aerobic denitrification bacterium Hydrogenophaga sp. H7. Frontiers in Microbiology, 0, 13, .	1.5	1
1426	Bacterial aerobic methane cycling by the marine sponge-associated microbiome. Microbiome, 2023, 11, .	4.9	3
1427	Impacts of extreme climate on nitrogen loss in different forms and pollution risk with the copula model. Journal of Hydrology, 2023, 620, 129412.	2.3	1
1428	Struvite recovery efficiency using flocculation in batch and continuous settling systems for ammonia removal of mining wastewater. Water Environment Research, 2023, 95, .	1.3	0
1429	Recent Progress in Microalgae-Based Technologies for Industrial Wastewater Treatment. Fermentation, 2023, 9, 311.	1.4	12
1430	Performance investigation of a novel design of vertical micro-screen drum filter for a recirculating aquaculture system (RAS). Aquaculture International, 0, , .	1.1	0
1431	Lethal and Sublethal Toxicity of Un-lonized Ammonia to Early-Life Stages of <i>Danio rerio</i> . Zebrafish, 2023, 20, 67-76.	0.5	0
1432	Nitrate pollution and expansion of free-floating plants in 3 lower Wisconsin River oxbow lakes. Lake and Reservoir Management, 2023, 39, 88-100.	0.4	1

#	Article	IF	CITATIONS
1433	Cationic Polystyrene-Based Hydrogels: Low-Cost and Regenerable Adsorbents to Electrostatically Remove Nitrites from Water. Toxics, 2023, 11, 312.	1.6	3
1434	Relationship between denitrification and anammox rates and N ₂ production with substrate consumption and pH in a riparian zone. Environmental Technology (United Kingdom), 0, , 1-10.	1.2	0
1435	Nitrate chemistry in the northeast US $\hat{a}\in$ Part 2: Oxygen isotopes reveal differences in particulate and gas-phase formation. Atmospheric Chemistry and Physics, 2023, 23, 4203-4219.	1.9	3
1436	Effects of Ammonia on Juvenile Sunray Surf Clam (Mactra chinensis Philippi) in Laboratory Tests. Pollutants, 2023, 3, 232-242.	1.0	1
1437	Distribution characteristics and potential release risk of nitrogen in sediments in Lake Daihai, China. Environmental Science and Pollution Research, 0, , .	2.7	0
1442	Organic Approaches in Temperate Nuts. , 2023, , 269-284.		0
1455	Microbial-Based Systems and Single-Cell Ingredients: Exploring Their Role in Sustainable Aquaculture Production. , 2023, , 209-249.		0
1464	The Scientific Importance of Atmospheric Reactive Gases and Aerosols and the Particular Case of the Mediterranean Region., 2023,, 29-60.		2
1465	History of Mediterranean Aerosol Observations. , 2023, , 145-252.		2
1488	Anthropogenic Impacts as Determinants of Tropical Lake Morphology: Inferences for Strategic Conservation of Lake Wetland Biodiversity. , 0, , .		0
1492	Assessment of Nitrate Fluxes in Intensive Aquaculture Region in Godavari Delta Using Spatial Interpolation Kriging. Lecture Notes in Civil Engineering, 2024, , 173-181.	0.3	0
1497	Physio-chemical preparation of slow-release potassium fertilizers. AIP Conference Proceedings, 2023, , .	0.3	0
1529	Nitrogen deposition and its impacts on forest ecosystems. , 2024, , 1-13.		0
1530	The Role of Microalgae in the Mitigation of the Impact of Chemical Pollution in Freshwater Habitat. , 2023, , 171-182.		0
1540	Bioaccumulation of Fluoride Toxicity in Plants and Its Effects on Plants and Techniques for Its Removal. Water Science and Technology Library, 2023, , 271-290.	0.2	0
1570	What Are Pollutants, Contaminants, and Chemicals of Emerging Concerns (CECs)., 2024, , 11-19.		0
1571	Ecotoxicological Endpoints and Experimental Design. , 2024, , 99-114.		0