# Composition, sources, and bioavailability of nitrogen in freshwater to estuarine waters

Water Research

137, 344-354

DOI: 10.1016/j.watres.2018.02.042

Citation Report

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Monte Carlo-based integrated model to optimize the cost and pollution reduction in wastewater treatment processes in a typical comprehensive industrial park in China. Science of the Total Environment, 2019, 647, 1-10. | 3.9 | 34 |
| 2 | Modeling Runoff and Nitrogen Loads From a Watershed at Different Levels of Impervious Surface Coverage and Connectivity to Storm Water Control Measures. Water Resources Research, 2019, 55, 2690-2707. | 1.7 | 27 |
| 3 | A strategy of high-efficient nitrogen removal by an ammonia-oxidizing bacterium consortium. Bioresource Technology, 2019, 275, 216-224. | 4.8 | 18 |
| 4 | Using the pollutant load concept to assess water quality in an urban river: the case of CarahÃ¡ River (Lages, Brazil). Revista Ambiente & Ãgua, 2019, 14, 1. | 0.1 | 1 |
| 5 | Changing riverine organic C:N ratios along the Pearl River: Implications for estuarine and coastal carbon cycles. Science of the Total Environment, 2020, 709, 136052. | 3.9 | 31 |
| 6 | Quantitative identification of nitrate sources in a coastal peri-urban watershed using hydrogeochemical indicators and dual isotopes together with the statistical approaches. Chemosphere, 2020, 243, 125364. | 4.2 | 56 |
| 7 | Investigating sources and transformations of nitrogen using dual stable isotopes for Lake Okeechobee restoration in Florida. Ecological Engineering, 2020, 155, 105947. | 1.6 | 3 |
| 8 | Organic nitrogen steadily increasing in Norwegian rivers draining to the Skagerrak coast. Scientific Reports, 2020, 10, 18451. | 1.6 | 9 |
| 9 | Assessment of nutrient contamination in the waters of the El Fuerte River, southern Gulf of California, Mexico. Environmental Monitoring and Assessment, 2020, 192, 417. | 1.3 | 6 |
| 10 | Restoring wetlands outside of the seawalls and to provide clean water habitat. Science of the Total Environment, 2020, 721, 137788. | 3.9 | 8 |
| 11 | Compositions and spatio-temporal distributions of different nitrogen species and lability of dissolved organic nitrogen from the Dafengjiang River to the Sanniang Bay, China. Marine Pollution Bulletin, 2020, 156, 111205. | 2.3 | 9 |
| 12 | Geochemical and isotopic study of abiotic nitrite reduction coupled to biologically produced Fe(II) oxidation in marine environments. Chemosphere, 2020, 260, 127554. | 4.2 | 9 |
| 13 | Composition of nitrogen in urban residential stormwater runoff: Concentrations, loads, and source characterization of nitrate and organic nitrogen. PLoS ONE, 2020, 15, e0229715. | 1.1 | 50 |
| 14 | Mechanisms of nitrate accumulation in highly urbanized rivers: Evidence from multi-isotopes in the Pearl River Delta, China. Journal of Hydrology, 2020, 587, 124924. | 2.3 | 42 |
| 15 | Wet season nitrogen export from a residential stormwater pond. PLoS ONE, 2020, 15, e0230908. | 1.1 | 10 |
| 16 | Residential catchments to coastal waters: Forms, fluxes, and mechanisms of phosphorus transport. Science of the Total Environment, 2021, 765, 142767. | 3.9 | 11 |
| 17 | Inorganic Nitrogen Production and Removal along the Sediment Gradient of a Stormwater Infiltration Basin. Water (Switzerland), 2021, 13, 320. | 1.2 | 4 |
| 18 | Photo-ammonification in surface water samples: Mechanism and influencing factors. Science of the Total Environment, 2021, 759, 143547. | 3.9 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Solar-driven, self-sustainable electrolysis for treating eutrophic river water: Intensified nutrient removal and reshaped microbial communities. Science of the Total Environment, 2021, 764, 144293. | 3.9 | 6 |
| 20 | Evidence of Phosphate Mining and Agriculture Influence on Concentrations, Forms, and Ratios of Nitrogen and Phosphorus in a Florida River. Water (Switzerland), 2021, 13, 1064. | 1.2 | 4 |
| 21 | Treatment of wastewater containing high concentrations of ammonia nitrogen using ion exchange resins. Asia-Pacific Journal of Chemical Engineering, 2022, 17, e2679. | 0.8 | 1 |
| 22 | 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 |
| 23 | Cultivation of microalgae in palm oil mill effluent (POME) for astaxanthin production and simultaneous phycoremediation. Journal of Environmental Chemical Engineering, 2021, 9, 105375. | 3.3 | 43 |
| 24 | Dual-isotope-based source apportionment of nitrate in 30 rivers draining into the Bohai Sea, north China. Environmental Pollution, 2021, 283, 117112. | 3.7 | 22 |
| 25 | Low-level saltwater intrusion alters soil diazotrophic community structure in a subtropical estuarine wetland. Applied Soil Ecology, 2021, 164, 103959. | 2.1 | 3 |
| 26 | Transport and sources of nitrogen in stormwater runoff at the urban catchment scale. Science of the Total Environment, 2022, 806, 150281. | 3.9 | 9 |
| 27 | Microbial dynamics and activity of denitrifying anaerobic methane oxidizers in China's estuarine and coastal wetlands. Science of the Total Environment, 2022, 806, 150425. | 3.9 | 24 |
| 28 | Control of N Concentrations in Cape Cod Estuaries by Nitrogen Loads, Season, and Down-Estuary Transit: Assessment by Conventional and Effect-Size Statistics. Estuaries and Coasts, 2021, 44, 1294-1309. | 1.0 | 4 |
| 29 | Contribution of nitrogen sources to streams in mixed-use watershed varies seasonally in a temperate region. Environmental Science and Pollution Research, 2022, 29, 20357-20369. | 2.7 | 1 |
| 30 | Factor affecting nitrate in a mixed land-use watershed of southern China based on dual nitrate isotopes, sources or transformations?. Journal of Hydrology, 2022, 604, 127220. | 2.3 | 23 |
| 31 | Transcriptomic analysis dissects the regulatory strategy of toxic cyanobacterium Microcystis aeruginosa under differential nitrogen forms. Journal of Hazardous Materials, 2022, 428, 128276. | 6.5 | 14 |
| 32 | Marine Colloids Promote the Adaptation of Diatoms to Nitrate Contamination by Directional Electron Transfer. Environmental Science & Technology, 2022, 56, 5694-5705. | 4.6 | 9 |
| 33 | Multiple Lenses of N-Isotopes Reveal Active Dissolved Organic Nitrogen Cycling in a Subtropical Estuary and Marginal Sea. Frontiers in Marine Science, 2022, 9, . | 1.2 | 3 |
| 34 | Molecular characterization of dissolved organic nitrogen and phosphorus in agricultural runoff and surface waters. Water Research, 2022, 219, 118533. | 5.3 | 27 |
| 35 | Submarine groundwater-derived inorganic and organic nutrients vs. mariculture discharge and river contributions in a typical mariculture bay. Journal of Hydrology, 2022, 613, 128342. | 2.3 | 10 |
| 36 | Sources and health risks of nitrate pollution in surface water in the Weihe River watershed, China. Journal of Mountain Science, 2022, 19, 2226-2240. | 0.8 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Seasonal Total Nitrogen and Phosphorus Variation, Speciation, and Composition in the Maowei Sea Affected by Riverine Flux Input, South China Sea. Water (Switzerland), 2022, 14, 2584. | 1.2 | 6 |
| 38 | Identification of nitrogen sources and cycling along freshwater river to estuarine water continuum using multiple stable isotopes. Science of the Total Environment, 2022, 851, 158136. | 3.9 | 10 |
| 40 | Innovative approach to reveal source contribution of dissolved organic matter in a complex river watershed using end-member mixing analysis based on spectroscopic proxies and multi-isotopes. Water Research, 2023, 230, 119470. | 5.3 | 12 |
| 41 | Shifts in the sources and fates of nitrate in shallow groundwater caused by agricultural intensification intensity: Revealed by hydrochemistry, stable isotopic composition and source contribution. Agriculture, Ecosystems and Environment, 2023, 345, 108337. | 2.5 | 6 |
| 42 | Nitrogen in soil, manure and sewage has become a major challenge in controlling nitrate pollution in groundwater around plateau lakes, Southwest China. Journal of Hydrology, 2023, 620, 129541. | 2.3 | 2 |
| 46 | Freshwater organic matter: Characteristics and reactivity. , 2023, , . | | 0 |