

Spatio-temporal variation of nitrate sources to Lake Wi

Science of the Total Environment

647, 486-493

DOI: [10.1016/j.scitotenv.2018.07.346](https://doi.org/10.1016/j.scitotenv.2018.07.346)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Response of nitrogen pollution in surface water to land use and social-economic factors in the Weihe River watershed, northwest China. <i>Sustainable Cities and Society</i> , 2019, 50, 101658.	10.4	61
2	An automated, laser-based measurement system for nitrous oxide isotope and isotopomer ratios at nanomolar levels. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1553-1564.	1.5	7
3	Distinguishing point and non-point sources of dissolved nutrients, metals, and legacy contaminants in the Detroit River. <i>Science of the Total Environment</i> , 2019, 681, 1-8.	8.0	11
4	Application of Nitrogen and Oxygen Isotopes for Source and Fate Identification of Nitrate Pollution in Surface Water: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 18.	2.5	65
5	Occurrence of contaminants in drinking water sources and the potential of biochar for water quality improvement: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 549-611.	12.8	143
6	Stable Isotopes of Water and Nitrate for the Identification of Groundwater Flowpaths: A Review. <i>Water (Switzerland)</i> , 2020, 12, 138.	2.7	34
7	Production of the neurotoxin beta-N-methylamino-l-alanine may be triggered by agricultural nutrients: An emerging public health issue. <i>Water Research</i> , 2020, 170, 115335.	11.3	14
8	Combined use of stable nitrogen and oxygen isotopes to constrain the nitrate sources in a karst lake. <i>Agriculture, Ecosystems and Environment</i> , 2020, 303, 107089.	5.3	25
9	Unraveling groundwater functioning and nitrate attenuation in evaporitic karst systems from southern Spain: An isotopic approach. <i>Applied Geochemistry</i> , 2020, 123, 104820.	3.0	9
10	Fate of bioavailable nutrients released to a stream during episodic effluent releases from a municipal wastewater treatment lagoon. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2374-2387.	3.5	3
11	Water quality assessment and pollution source apportionment in a highly regulated river of Northeast China. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 446.	2.7	23
12	Agricultural and urban delivered nitrate pollution input to Mediterranean temporary freshwaters. <i>Agriculture, Ecosystems and Environment</i> , 2020, 294, 106859.	5.3	53
13	Using stable isotopes to identify nitrogen transformations and estimate denitrification in a semi-constructed wetland. <i>Science of the Total Environment</i> , 2020, 720, 137628.	8.0	16
14	A biological and nitrate isotopic assessment framework to understand eutrophication in aquatic ecosystems. <i>Science of the Total Environment</i> , 2020, 715, 136909.	8.0	82
15	Sources and transformations of nitrate constrained by nitrate isotopes and Bayesian model in karst surface water, Guilin, Southwest China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21299-21310.	5.3	20
16	An ecological causal assessment of tributaries draining the Red River Valley, Manitoba. <i>Journal of Great Lakes Research</i> , 2021, 47, 773-787.	1.9	7
17	Sources of nitrogen to stream food webs in tributaries of the Red River Valley, Manitoba. <i>Journal of Great Lakes Research</i> , 2021, 47, 751-760.	1.9	4
18	Contribution of nitrogen sources to streams in mixed-use catchments varies seasonally in a cold temperate region. <i>Science of the Total Environment</i> , 2021, 764, 142824.	8.0	2

#	ARTICLE	IF	CITATIONS
19	Coupled carbon-nitrogen cycling controls the transformation of dissolved inorganic carbon into dissolved organic carbon in karst aquatic systems. <i>Journal of Hydrology</i> , 2021, 592, 125764.	5.4	11
20	Evaluation of stable isotope ratios ($\delta^{15}\text{N}$ and $\delta^{18}\text{O}$) of nitrate in advanced sewage treatment processes: Isotopic signature in four process types. <i>Science of the Total Environment</i> , 2021, 762, 144120.	8.0	7
21	Impact of land uses, drought, flood, wildfire, and cascading events on water quality and microbial communities: A review and analysis. <i>Journal of Hydrology</i> , 2021, 596, 125707.	5.4	70
22	Isotopic niche provides an insight into the ecology of a symbiont during its geographic expansion. <i>Environmental Epigenetics</i> , 2022, 68, 185-197.	1.8	6
23	Global patterns of nitrate isotope composition in rivers and adjacent aquifers reveal reactive nitrogen cascading. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	56
24	Fertilizers and nitrate pollution of surface and ground water: an increasingly pervasive global problem. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	154
25	Determining the origin and fate of nitrate in the Nanyang Basin, Central China, using environmental isotopes and the Bayesian mixing model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48343-48361.	5.3	15
26	Contemporary systematics of vadose zone nitrate capture by speleothem carbonate. <i>Chemical Geology</i> , 2021, 571, 120172.	3.3	2
27	Seasonal variations in stable nitrate isotopes combined with stable water isotopes in a wastewater treatment plant: Implications for nitrogen sources and transformation. <i>Journal of Hydrology</i> , 2021, 599, 126488.	5.4	13
28	Nitrogen removal performance of sulfur autotrophic denitrification under different $\text{S}_2\text{O}_3^{2-}$ additions using isotopic fractionation of nitrogen and oxygen. <i>Science of the Total Environment</i> , 2021, 794, 148794.	8.0	1
29	Tracing nitrate sources with dual isotopes and hydrochemical characteristics during wet season in Lake Caohai, Guizhou Province. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2020, 32, 989-998.	0.8	2
30	Determining Nitrate Pollution Sources in the Kabul Plain Aquifer (Afghanistan) Using Stable Isotopes and Bayesian Stable Isotope Mixing Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
31	Determining nitrate pollution sources in the Kabul Plain aquifer (Afghanistan) using stable isotopes and Bayesian stable isotope mixing model. <i>Science of the Total Environment</i> , 2022, 823, 153749.	8.0	32
32	Isotopic source identification of nitrogen pollution in the Pi River in Chengdu. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1609-1620.	2.9	3
33	Migration, transformation and nitrate source in the Lihu Underground River based on dual stable isotopes of $\delta^{15}\text{N}-\text{NO}_3^-$ and $\delta^{18}\text{O}-\text{NO}_3^-$. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	0
34	Responses of Net Anthropogenic N Inputs and Export Fluxes in the Megacity of Chengdu, China. <i>Water (Switzerland)</i> , 2021, 13, 3543.	2.7	2
35	Sources and transformations of nitrogen in an agricultural watershed on the Jiangnan Plain, China: an integration of $\delta^{15}\text{N}$ in NH_4^+ , $\delta^{15}\text{N}$ in NO_3^- , $\delta^{18}\text{O}$ in NO_3^- and a Bayesian isotope mixing model. <i>Applied Geochemistry</i> , 2022, 142, 105329.	3.0	14
36	Effect of rainfall-runoff process on sources and transformations of nitrate using a combined approach of dual isotopes, hydrochemical and Bayesian model in the Dagang River basin. <i>Science of the Total Environment</i> , 2022, 837, 155674.	8.0	14

#	ARTICLE	IF	CITATIONS
37	Influence of algal organic matter on metal accumulation in adjacent sediments of aquaculture from a tropical coast region. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69717-69730.	5.3	1
38	Nitrate pollution source apportionment, uncertainty and sensitivity analysis across a rural-urban river network based on $\delta^{15}\text{N}/\delta^{18}\text{O}-\text{NO}_3^-$ isotopes and SIAR modeling. <i>Journal of Hazardous Materials</i> , 2022, 438, 129480.	12.4	36
39	Sources and health risks of nitrate pollution in surface water in the Weihe River watershed, China. <i>Journal of Mountain Science</i> , 2022, 19, 2226-2240.	2.0	3
41	Identification of nitrogen pollution sources and transport transformation processes in groundwater of different landforms using C, H, N, and O isotope techniques: an example from the lower Weihe River. <i>Environmental Science and Pollution Research</i> , 2023, 30, 29442-29457.	5.3	1
42	Determination of nitrate sources in a karst plateau reservoir based on nitrogen and oxygen isotopes. <i>Isotopes in Environmental and Health Studies</i> , 0, , 1-19.	1.0	0
43	National-scale investigation of dual nitrate isotopes and chloride ion in South Korea: Nitrate source apportionment for stream water. <i>Environmental Research</i> , 2023, 228, 115873.	7.5	2
44	Identifying nitrate sources and transformations in an agricultural watershed in Northeast China: Insights from multiple isotopes. <i>Journal of Environmental Management</i> , 2023, 340, 118023.	7.8	5
45	Using dual stable isotopes method for nitrate sources identification in Cao-E River Basin, Eastern China. <i>Frontiers in Environmental Science</i> , 0, 11, .	3.3	0
46	Spatio-temporal analysis of the sources and transformations of anthropogenic nitrogen in a highly degraded coastal basin in Southeast China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 86202-86217.	5.3	0
47	Catchment concentration–discharge relationships across temporal scales: A review. <i>Wiley Interdisciplinary Reviews: Water</i> , 0, , .	6.5	0
48	Impacts of a century of land-use change on the eutrophication of large, shallow, prairie Lake Manitoba in relation to adjacent Lake Winnipeg (Manitoba, Canada). <i>Freshwater Biology</i> , 2024, 69, 47-63.	2.4	0
49	Quantifying and assessing nitrogen sources and transport in a megacity water supply watershed: Insights for effective non-point source pollution management with mixSIAR and SWAT models. <i>Agricultural Water Management</i> , 2024, 291, 108621.	5.6	0
50	Effect of rainfall–runoff process on sources and transformation of nitrate at the urban catchment scale. <i>Urban Climate</i> , 2024, 53, 101805.	5.7	0
51	Carbon sequestration and decreased CO ₂ emission caused by biological carbon pump effect: Insights from diel hydrochemical variations in subtropical karst reservoirs. <i>Journal of Hydrology</i> , 2024, 632, 130909.	5.4	0
52	Isotopes Reveal the Moderating Role of Ammonium on Global Riverine Water Nitrogen Cycling. <i>ACS ES&T Water</i> , 2024, 4, 1451-1459.	4.6	0
53	Identification of groundwater nitrate sources in an urban aquifer (Alborz Province, Iran) using a multi-parameter approach. <i>Environmental Geochemistry and Health</i> , 2024, 46, .	3.4	0
54	Sources and transformations of riverine nitrogen across a coastal-plain river network of eastern China: New insights from multiple stable isotopes. <i>Science of the Total Environment</i> , 2024, 924, 171671.	8.0	0