

# Anthony J Tesoriero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9419293/publications.pdf>

Version: 2024-02-01

23  
papers

1,522  
citations

331670

21  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of redox gradients on nitrate transport from the landscape to groundwater and streams. <i>Science of the Total Environment</i> , 2021, 800, 150200.	8.0	6
2	Factors Affecting Nitrate Concentrations in Stream Base Flow. <i>Environmental Science &amp; Technology</i> , 2021, 55, 902-911.	10.0	27
3	Monitoring the riverine pulse: Applying high-frequency nitrate data to advance integrative understanding of biogeochemical and hydrological processes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1348.	6.5	78
4	Using Age Tracers and Decadal Sampling to Discern Trends in Nitrate, Arsenic, and Uranium in Groundwater Beneath Irrigated Cropland. <i>Environmental Science &amp; Technology</i> , 2019, 53, 14152-14164.	10.0	10
5	Regional Variability of Nitrate Fluxes in the Unsaturated Zone and Groundwater, Wisconsin, USA. <i>Water Resources Research</i> , 2018, 54, 301-322.	4.2	38
6	Predicting redox-sensitive contaminant concentrations in groundwater using random forest classification. <i>Water Resources Research</i> , 2017, 53, 7316-7331.	4.2	84
7	Estimating Discharge and Nonpoint Source Nitrate Loading to Streams From Three End-Member Pathways Using High-Frequency Water Quality Data. <i>Water Resources Research</i> , 2017, 53, 10201-10216.	4.2	48
8	Quantifying watershed-scale groundwater loading and in-stream fate of nitrate using high-frequency water quality data. <i>Water Resources Research</i> , 2016, 52, 330-347.	4.2	63
9	Predicting Redox Conditions in Groundwater at a Regional Scale. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9657-9664.	10.0	46
10	Low Transient Storage and Uptake Efficiencies in Seven Agricultural Streams: Implications for Nutrient Demand. <i>Journal of Environmental Quality</i> , 2014, 43, 1980-1990.	2.0	27
11	Nitrogen speciation and trends, and prediction of denitrification extent, in shallow US groundwater. <i>Journal of Hydrology</i> , 2014, 509, 343-353.	5.4	41
12	Vulnerability of Streams to Legacy Nitrate Sources. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3623-3629.	10.0	130
13	Nitrogen Contamination of Surficial Aquifers—A Growing Legacy. <i>Environmental Science &amp; Technology</i> , 2011, 45, 839-844.	10.0	165
14	$O_2$ reduction and denitrification rates in shallow aquifers. <i>Water Resources Research</i> , 2011, 47, .	4.2	98
15	The Influence of Nutrients and Physical Habitat in Regulating Algal Biomass in Agricultural Streams. <i>Environmental Management</i> , 2010, 45, 603-615.	2.7	51
16	Trends and Transformation of Nutrients and Pesticides in a Coastal Plain Aquifer System, United States. <i>Journal of Environmental Quality</i> , 2010, 39, 154-167.	2.0	27
17	Identifying Pathways and Processes Affecting Nitrate and Orthophosphate Inputs to Streams in Agricultural Watersheds. <i>Journal of Environmental Quality</i> , 2009, 38, 1892-1900.	2.0	82
18	Whole-Stream Response to Nitrate Loading in Three Streams Draining Agricultural Landscapes. <i>Journal of Environmental Quality</i> , 2008, 37, 1133-1144.	2.0	69

#	ARTICLE	IF	CITATIONS
19	Linking ground-water age and chemistry data along flow paths: Implications for trends and transformations of nitrate and pesticides. <i>Journal of Contaminant Hydrology</i> , 2007, 94, 139-155.	3.3	74
20	Nitrogen transport and transformations in a coastal plain watershed: Influence of geomorphology on flow paths and residence times. <i>Water Resources Research</i> , 2005, 41, .	4.2	59
21	Geochemistry of shallow ground water in coastal plain environments in the southeastern United States: implications for aquifer susceptibility. <i>Applied Geochemistry</i> , 2004, 19, 1471-1482.	3.0	35
22	Fate and Origin of 1,2-Dichloropropane in an Unconfined Shallow Aquifer. <i>Environmental Science &amp; Technology</i> , 2001, 35, 455-461.	10.0	32
23	Mechanism and rate of denitrification in an agricultural watershed: Electron and mass balance along groundwater flow paths. <i>Water Resources Research</i> , 2000, 36, 1545-1559.	4.2	201