

# Shane A White

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

267  
citations

1040018

9  
h-index

940516

16  
g-index

16  
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16  
docs citations

16  
times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global carbon dioxide efflux from rivers enhanced by high nocturnal emissions. <i>Nature Geoscience</i> , 2021, 14, 289-294.	12.9	76
2	Significant nitrate attenuation in a mangrove-fringed estuary during a flood-chase experiment. <i>Environmental Pollution</i> , 2019, 253, 1000-1008.	7.5	35
3	Nitrate loads in sub-tropical headwater streams driven by intensive horticulture. <i>Environmental Pollution</i> , 2018, 243, 1036-1046.	7.5	30
4	Nutrient and Trace Metal Fluxes into Estuarine Sediments Linked to Historical and Expanding Agricultural Activity (Hearnes Lake, Australia). <i>Estuaries and Coasts</i> , 2019, 42, 944-957.	2.2	26
5	Elevated dissolved heavy metal discharge following rainfall downstream of intensive horticulture. <i>Applied Geochemistry</i> , 2020, 113, 104490.	3.0	15
6	Hydrological, geochemical and land use drivers of greenhouse gas dynamics in eleven sub-tropical streams. <i>Aquatic Sciences</i> , 2021, 83, 1.	1.5	14
7	Anthropogenic nitrate attenuation versus nitrous oxide release from a woodchip bioreactor. <i>Environmental Pollution</i> , 2022, 300, 118814.	7.5	13
8	Pesticide occurrence in an agriculturally intensive and ecologically important coastal aquatic system in Australia. <i>Marine Pollution Bulletin</i> , 2022, 180, 113675.	5.0	11
9	Contrasting Radium-Derived Groundwater Exchange and Nutrient Lateral Fluxes in a Natural Mangrove Versus an Artificial Canal. <i>Estuaries and Coasts</i> , 2021, 44, 123-136.	2.2	10
10	Land use and episodic rainfall as drivers of nitrogen exports in subtropical rivers: Insights from $\delta^{15}\text{N-NO}_3^-$ , $\delta^{18}\text{O-NO}_3^-$ and $^{222}\text{Rn}$ . <i>Science of the Total Environment</i> , 2021, 758, 143669.	8.0	9
11	Modeling Catchment-Scale Nitrogen Losses Across a Land-Use Gradient in the Subtropics. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	8
12	Large aquatic nitrous oxide emissions downstream of intensive horticulture driven by rain events. <i>Journal of Hydrology</i> , 2021, 596, 126066.	5.4	8
13	Assessing pesticide, trace metal, and arsenic contamination in soils and dam sediments in a rapidly expanding horticultural area in Australia. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3189-3211.	3.4	4
14	Cryptic night-time trace metal and metalloid contamination in an intensively cultivated coastal catchment. <i>Environmental Pollution</i> , 2021, 276, 116685.	7.5	3
15	Natural attenuation of large anthropogenic nitrate loads in a subtropical stream revealed by $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ . <i>Journal of Hydrology</i> , 2021, 598, 126077.	5.4	3
16	Nitrous oxide hot moments and cold spots in a subtropical estuary: Floods and mangroves. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107656.	2.1	2