

# Zachary D Tessler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7533995/publications.pdf>

Version: 2024-02-01

14  
papers

2,094  
citations

686830

13  
h-index

1058022

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

3901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global water resources affected by human interventions and climate change. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3251-3256.	3.3	971
2	Multimodel projections and uncertainties of irrigation water demand under climate change. Geophysical Research Letters, 2013, 40, 4626-4632.	1.5	302
3	Multisectoral climate impact hotspots in a warming world. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3233-3238.	3.3	149
4	Development and Evaluation of a Multi-Year Fractional Surface Water Data Set Derived from Active/Passive Microwave Remote Sensing Data. Remote Sensing, 2015, 7, 16688-16732.	1.8	129
5	Ecosystem-based water security and the Sustainable Development Goals (SDGs). Ecohydrology and Hydrobiology, 2018, 18, 317-333.	1.0	102
6	Population dynamics, delta vulnerability and environmental change: comparison of the Mekong, Gangesâ€“Brahmaputra and Amazon delta regions. Sustainability Science, 2016, 11, 539-554.	2.5	93
7	A model of water and sediment balance as determinants of relative sea level rise in contemporary and future deltas. Geomorphology, 2018, 305, 209-220.	1.1	90
8	A review of vulnerability indicators for deltaic socialâ€“ecological systems. Sustainability Science, 2016, 11, 575-590.	2.5	61
9	Unravelling the association between the impact of natural hazards and household poverty: evidence from the Indian Sundarban delta. Sustainability Science, 2017, 12, 453-464.	2.5	50
10	A neural network based general reservoir operation scheme. Stochastic Environmental Research and Risk Assessment, 2016, 30, 1151-1166.	1.9	44
11	Catalyzing action towards the sustainability of deltas. Current Opinion in Environmental Sustainability, 2016, 19, 182-194.	3.1	37
12	A global empirical typology of anthropogenic drivers of environmental change in deltas. Sustainability Science, 2016, 11, 525-537.	2.5	32
13	Transport and Dynamics of the Panay Sill Overflow in the Philippine Seas*. Journal of Physical Oceanography, 2010, 40, 2679-2695.	0.7	21
14	Early Stage Soliton Observations in the Sulu Sea*. Journal of Physical Oceanography, 2012, 42, 1327-1336.	0.7	13