

Jillian M Deines

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4444863/publications.pdf>

Version: 2024-02-01

25
papers

1,273
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	An Assessment of Invasion Risk from Assisted Migration. <i>Conservation Biology</i> , 2008, 22, 562-567.	4.7	184
2	Telecoupling in urban water systems: an examination of Beijing's imported water supply. <i>Water International</i> , 2016, 41, 251-270.	1.0	111
3	Mapping three decades of annual irrigation across the US High Plains Aquifer using Landsat and Google Earth Engine. <i>Remote Sensing of Environment</i> , 2019, 233, 111400.	11.0	109
4	Annual Irrigation Dynamics in the U.S. Northern High Plains Derived from Landsat Satellite Data. <i>Geophysical Research Letters</i> , 2017, 44, 9350-9360.	4.0	101
5	Complex water management in modern agriculture: Trends in the water-energy-food nexus over the High Plains Aquifer. <i>Science of the Total Environment</i> , 2016, 566-567, 988-1001.	8.0	96
6	Transitions from irrigated to dryland agriculture in the Ogallala Aquifer: Land use suitability and regional economic impacts. <i>Agricultural Water Management</i> , 2020, 233, 106061.	5.6	69
7	Changes in the drought sensitivity of US maize yields. <i>Nature Food</i> , 2020, 1, 729-735.	14.0	68
8	Climate-mediated hybrid zone movement revealed with genomics, museum collection, and simulation modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2284-E2291.	7.1	60
9	Tradeoffs among Ecosystem Services Associated with Global Tilapia Introductions. <i>Reviews in Fisheries Science and Aquaculture</i> , 2016, 24, 178-191.	9.1	59
10	Quantifying irrigation adaptation strategies in response to stakeholder-driven groundwater management in the US High Plains Aquifer. <i>Environmental Research Letters</i> , 2019, 14, 044014.	5.2	58
11	Mapping twenty years of corn and soybean across the US Midwest using the Landsat archive. <i>Scientific Data</i> , 2020, 7, 307.	5.3	56
12	A million kernels of truth: Insights into scalable satellite maize yield mapping and yield gap analysis from an extensive ground dataset in the US Corn Belt. <i>Remote Sensing of Environment</i> , 2021, 253, 112174.	11.0	54
13	Urban water sustainability: framework and application. <i>Ecology and Society</i> , 2016, 21, .	2.3	42
14	Balancing Open Science and Data Privacy in the Water Sciences. <i>Water Resources Research</i> , 2019, 55, 5202-5211.	4.2	40
15	Satellites reveal a small positive yield effect from conservation tillage across the US Corn Belt. <i>Environmental Research Letters</i> , 2019, 14, 124038.	5.2	39
16	Gene expression in closely related species mirrors local adaptation: consequences for responses to a warming world. <i>Molecular Ecology</i> , 2014, 23, 2686-2698.	3.9	23
17	Addressing Challenges for Mapping Irrigated Fields in Subhumid Temperate Regions by Integrating Remote Sensing and Hydroclimatic Data. <i>Remote Sensing</i> , 2019, 11, 370.	4.0	22
18	Quantifying Streamflow Depletion from Groundwater Pumping: A Practical Review of Past and Emerging Approaches for Water Management. <i>Journal of the American Water Resources Association</i> , 2022, 58, 289-312.	2.4	19

#	ARTICLE	IF	CITATIONS
19	High-Resolution Soybean Yield Mapping Across the US Midwest Using Subfield Harvester Data. Remote Sensing, 2020, 12, 3471.	4.0	16
20	Combining Remote Sensing and Crop Models to Assess the Sustainability of Stakeholder-Driven Groundwater Management in the US High Plains Aquifer. Water Resources Research, 2021, 57, e2020WR027756.	4.2	15
21	Quantifying changes in water use and groundwater availability in a megacity using novel integrated systems modeling. Geophysical Research Letters, 2017, 44, 8359-8368.	4.0	13
22	Traits associated with drought survival in three Australian tropical rainforest seedlings. Australian Journal of Botany, 2011, 59, 621.	0.6	10
23	Quantifying the Impact of Lagged Hydrological Responses on the Effectiveness of Groundwater Conservation. Water Resources Research, 2022, 58, .	4.2	5
24	Changes in Forest Composition in Ohio Between Euro-American Settlement and the Present. American Midland Naturalist, 2016, 176, 247.	0.4	4
25	The NASA Harvest Program on Agriculture and Food Security. , 2022, , 53-80.		0