

David J Yu

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,152
citations

448610

19
h-index

445137

33
g-index

43
all docs

43
docs citations

43
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	Sociohydrology: Scientific Challenges in Addressing the Sustainable Development Goals. <i>Water Resources Research</i> , 2019, 55, 6327-6355.	1.7	226
2	Explaining success and failure in the commons: the configural nature of Ostrom's institutional design principles. <i>International Journal of the Commons</i> , 2016, 10, 417.	0.6	125
3	Incorporating institutions and collective action into a sociohydrological model of flood resilience. <i>Water Resources Research</i> , 2017, 53, 1336-1353.	1.7	77
4	Expanding the Scope and Foundation of Sociohydrology as the Science of Coupled Human-Water Systems. <i>Water Resources Research</i> , 2019, 55, 874-887.	1.7	53
5	Wildfire caused widespread drinking water distribution network contamination. <i>AWWA Water Science</i> , 2020, 2, e1183.	1.0	53
6	Capacity Building for an Infrastructure System in Case of Disaster Using the System's Associated Social and Technical Components. <i>Journal of Management in Engineering - ASCE</i> , 2019, 35, .	2.6	46
7	Comparative water law, policies, and administration in Asia: Evidence from 17 countries. <i>Water Resources Research</i> , 2013, 49, 5307-5316.	1.7	39
8	Toward General Principles for Resilience Engineering. <i>Risk Analysis</i> , 2020, 40, 1509-1537.	1.5	39
9	The humanitarian flying warehouse. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 136, 101901.	3.7	37
10	Effect of infrastructure design on commons dilemmas in social-ecological system dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13207-13212.	3.3	36
11	Engineering meets institutions: an interdisciplinary approach to the management of resilience. <i>Environment Systems and Decisions</i> , 2018, 38, 306-317.	1.9	35
12	Robust-yet-fragile nature of partly engineered social-ecological systems: a case study of coastal Bangladesh. <i>Ecology and Society</i> , 2017, 22, .	1.0	34
13	Sustainability, resilience, adaptation, and transformation: tensions and plural approaches. <i>Ecology and Society</i> , 2020, 25, .	1.0	27
14	Learning for resilience-based management: Generating hypotheses from a behavioral study. <i>Global Environmental Change</i> , 2016, 37, 69-78.	3.6	26
15	Socio-hydrologic modeling of the dynamics of cooperation in the transboundary Lancang-Mekong River. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1883-1903.	1.9	26
16	Effects of Flood Control Strategies on Flood Resilience Under Sociohydrological Disturbances. <i>Water Resources Research</i> , 2018, 54, 2661-2680.	1.7	25
17	Interconnected governance and social barriers impeding the restoration process of Lake Urmia. <i>Journal of Hydrology</i> , 2021, 598, 126489.	2.3	23
18	Adapting reservoir operations to the nexus across water supply, power generation, and environment systems: An explanatory tool for policy makers. <i>Journal of Hydrology</i> , 2019, 574, 257-275.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Transformation of resource management institutions under globalization: the case of songgye community forests in South Korea.. <i>Ecology and Society</i> , 2014, 19, .	1.0	20
20	Challenges and opportunities in coding the commons: problems, procedures, and potential solutions in large-N comparative case studies. <i>International Journal of the Commons</i> , 2016, 10, 440.	0.6	20
21	An iterative approach to case study analysis: insights from qualitative analysis of quantitative inconsistencies. <i>International Journal of the Commons</i> , 2016, 10, 467.	0.6	18
22	Socio-hydrology: an interplay of design and self-organization in a multilevel world. <i>Ecology and Society</i> , 2020, 25, .	1.0	17
23	Water safety attitudes, risk perception, experiences, and education for households impacted by the 2018 Camp Fire, California. <i>Natural Hazards</i> , 2021, 108, 947-975.	1.6	17
24	Turning the tide: informal institutional change in water reuse. <i>Water Policy</i> , 2010, 12, 121-134.	0.7	13
25	Insights from socio-hydrological modeling to design sustainable wastewater reuse strategies for agriculture at the watershed scale. <i>Agricultural Water Management</i> , 2020, 231, 105983.	2.4	13
26	Understanding Urban Flood Resilience in the Anthropocene: A Social-“Ecological”-Technological Systems (SETS) Learning Framework. <i>Annals of the American Association of Geographers</i> , 2021, 111, 837-857.	1.5	13
27	The effect of information in a behavioral irrigation experiment. <i>Water Resources and Economics</i> , 2015, 12, 14-26.	0.9	11
28	Interplays of Sustainability, Resilience, Adaptation and Transformation. <i>World Sustainability Series</i> , 2018, , 3-25.	0.3	11
29	Desiccation of a saline lake as a lock-in phenomenon: A socio-hydrological perspective. <i>Science of the Total Environment</i> , 2022, 811, 152347.	3.9	11
30	Social roles and performance of social-ecological systems: evidence from behavioral lab experiments. <i>Ecology and Society</i> , 2015, 20, .	1.0	9
31	How do resource mobility and group size affect institutional arrangements for rule enforcement? A qualitative comparative analysis of fishing groups in South Korea. <i>Ecological Economics</i> , 2020, 174, 106657.	2.9	9
32	Exploring the role of worker income and workplace characteristics on the journey to work. <i>International Journal of Sustainable Transportation</i> , 2019, 13, 553-566.	2.1	7
33	Efficiency-fairness trade-offs in evacuation management of urban floods: The effects of the shelter capacity and zone prioritization. <i>PLoS ONE</i> , 2021, 16, e0253395.	1.1	5
34	Management of Resilience in Civil Infrastructure Systems: An Interdisciplinary Approach. <i>Journal of Management in Engineering - ASCE</i> , 2021, 37, .	2.6	4
35	A socio-hydrological framework for understanding conflict and cooperation with respect to transboundary rivers. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2131-2146.	1.9	4
36	Understanding the effects of institutional diversity on irrigation systems dynamics. <i>Ecological Economics</i> , 2022, 191, 107221.	2.9	1

#	ARTICLE	IF	CITATIONS
37	Joint effects of voluntary participation and group selection on the evolution of altruistic punishment. PLoS ONE, 2022, 17, e0268019.	1.1	0