

Laurel Saito

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

921
citations

623574

14
h-index

477173

29
g-index

46
all docs

46
docs citations

46
times ranked

1278
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the effects of shade on water temperature in small streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1997, 31, 707-721.	0.8	140
2	Empirical models for estimating daily global solar radiation in Yucatán Peninsula, Mexico. <i>Energy Conversion and Management</i> , 2016, 110, 448-456.	4.4	94
3	Estimating daily global solar radiation by day of the year in six cities located in the Yucatán Peninsula, Mexico. <i>Journal of Cleaner Production</i> , 2017, 141, 75-82.	4.6	68
4	Assessing Ecosystem Effects of Reservoir Operations Using Food Web-Energy Transfer and Water Quality Models. <i>Ecosystems</i> , 2001, 4, 105-125.	1.6	59
5	A new stochastic model of episode peak and duration for eco-hydro-climatic applications. <i>Ecological Modelling</i> , 2008, 211, 383-395.	1.2	52
6	Special Section on Climate Change and Water Resources: Climate Nonstationarity and Water Resources Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012, 138, 385-388.	1.3	44
7	Fire Effects on Stable Isotopes in a Sierran Forested Watershed. <i>Journal of Environmental Quality</i> , 2007, 36, 91-100.	1.0	43
8	Results of Simulated Temperature Control Device Operations on In-Reservoir and Discharge Water Temperatures Using CE-QUAL-W2. <i>Lake and Reservoir Management</i> , 1999, 15, 87-102.	0.4	41
9	Spatial Analysis of a Large Magnitude Erosion Event Following a Sierran Wildfire. <i>Journal of Environmental Quality</i> , 2007, 36, 1105-1111.	1.0	32
10	Anthropogenic impacts on mercury concentrations and nitrogen and carbon isotope ratios in fish muscle tissue of the Truckee River watershed, Nevada, USA. <i>Science of the Total Environment</i> , 2005, 347, 282-294.	3.9	27
11	The influence of irrigation water on the hydrology and lake water budgets of two small arid-climate lakes in Khorezm, Uzbekistan. <i>Journal of Hydrology</i> , 2011, 410, 114-125.	2.3	25
12	Effects of Climate and Dam Operations on Reservoir Thermal Structure. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 112-122.	1.3	24
13	A water balance approach for reconstructing streamflow using tree-ring proxy records. <i>Journal of Hydrology</i> , 2015, 529, 535-547.	2.3	18
14	Calibration and Evaluation of a Mercury Model for a Western Stream and Constructed Wetland. <i>Water, Air, and Soil Pollution</i> , 2007, 182, 275-290.	1.1	17
15	Managing Groundwater to Ensure Ecosystem Function. <i>Ground Water</i> , 2021, 59, 322-333.	0.7	17
16	Assessing the effectiveness of a hybrid-flipped model of learning on fluid mechanics instruction: overall course performance, homework, and far- and near-transfer of learning. <i>European Journal of Engineering Education</i> , 2017, 42, 712-728.	1.5	15
17	A watershed modeling approach to streamflow reconstruction from tree-ring records. <i>Environmental Research Letters</i> , 2008, 3, 024006.	2.2	14
18	Identification of nitrogen sources to four small lakes in the agricultural region of Khorezm, Uzbekistan. <i>Biogeochemistry</i> , 2010, 101, 357-368.	1.7	14

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19	Resilience and resistance of zooplankton communities to drought-induced salinity in freshwater and saline lakes of Central Asia. <i>Journal of Arid Environments</i> , 2017, 144, 1-11.	1.2	14
20	Modeling Contaminant Spills in the Truckee River in the Western United States. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2014, 140, 343-354.	1.3	13
21	A K-Nearest neighbor based stochastic multisite flow and stream temperature generation technique. <i>Environmental Modelling and Software</i> , 2017, 91, 87-94.	1.9	13
22	Integrated Civil Engineering Curriculum: Five-Year Review. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2004, 130, 160-165.	0.9	12
23	Streamflow simulation using a water-balance model with annually-resolved inputs. <i>Journal of Hydrology</i> , 2010, 387, 46-53.	2.3	12
24	Climate change impacts on vernal pool hydrology and vegetation in northern California. <i>Journal of Hydrology</i> , 2019, 574, 1003-1013.	2.3	10
25	Using Semi-Permeable Membrane Devices and Stable Nitrogen Isotopes to Detect Anthropogenic Influences on the Truckee River, USA. <i>Environmental Engineering Science</i> , 2008, 25, 585-600.	0.8	9
26	Ecosystem and Social Construction: an Interdisciplinary Case Study of the Shurkul Lake Landscape in Khorezm, Uzbekistan.. <i>Ecology and Society</i> , 2011, 16, .	1.0	9
27	Hydroecological condition and potential for aquaculture in lakes of the arid region of Khorezm, Uzbekistan. <i>Journal of Arid Environments</i> , 2015, 117, 37-46.	1.2	9
28	Evaluating Head-of-Reservoir Water Temperature for Juvenile Chinook Salmon and Steelhead at Shasta Lake with Modeled Temperature Curtains. <i>North American Journal of Fisheries Management</i> , 2017, 37, 1161-1175.	0.5	9
29	Improving estimates of oil pollution to the sea from land-based sources. <i>Marine Pollution Bulletin</i> , 2010, 60, 990-997.	2.3	7
30	Improving Modeling of Quinoa Growth Under Saline Conditions Using the Enhanced Agricultural Policy Environmental eXtender Model. <i>Agronomy</i> , 2019, 9, 592.	1.3	7
31	Modeling Shasta Reservoir Water-Temperature Response to the 2015 Drought and Response under Future Climate Change. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	1.3	7
32	Road to 2050: Visions for a More Sustainable Future. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012, 138, 1-2.	1.3	6
33	Instrumenting Wildlife Water Developments to Collect Hydrometeorological Data in Remote Western U.S. Catchments. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1161-1170.	0.5	6
34	Quantifying foodweb interactions with simultaneous linear equations: stable isotope models of the Truckee River, USA. <i>Journal of the North American Benthological Society</i> , 2007, 26, 642-662.	3.0	5
35	Demonstration of Integrated Reservoir Operations and Extreme Hydroclimate Modeling of Water Temperatures for Fish Sustainability below Shasta Lake. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	1.3	5
36	The origin of shallow lakes in the Khorezm Province, Uzbekistan, and the history of pesticide use around these lakes. <i>Journal of Paleolimnology</i> , 2018, 59, 201-219.	0.8	5

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37	Short-term survival and potential grazing effects of the New Zealand mudsnail in an uninvaded Western Great Basin watershed. <i>Aquatic Invasions</i> , 2012, 7, 203-209.	0.6	5
38	All systems are equal: In defense of undervalued ecosystems. <i>Rangelands</i> , 2020, 42, 159-167.	0.9	4
39	A watershed modeling approach to streamflow reconstruction from tree-ring records. <i>Environmental Research Letters</i> , 2008, 3, 029801.	2.2	3
40	Womenâ€™Water Nexus for Sustainable Global Water Resources. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, 01817001.	1.3	3
41	SIMULATED EFFECTS OF ALTERED SPILLWAY RELEASES ON THERMAL STRUCTURE AND KOKANEE GROWTH IN A COLORADO RESERVOIR. <i>Journal of the American Water Resources Association</i> , 2006, 42, 645-658.	1.0	2
42	Waterâ€™Quality Data Management: Survey of Current Trends. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1994, 120, 587-612.	1.3	1
43	Linking Wildlife, Water, and Climate. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1643-1645.	1.7	1
44	Errata for â€œEvaluation of a Modeling Approach to Assess Nitrogen Assimilative Capacity due to River Restorationâ€•by Karin Peternel-Staggs, Laurel Saito, and Christian H. Fritsen. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2010, 136, 142-142.	1.3	0
45	Engaging International Perspectives through EWRI for a Global Profession. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012, 138, 588-589.	1.3	0