

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 | Managing Groundwater to Ensure Ecosystem Function. <i>Ground Water</i> , 2021, 59, 322-333. | 0.7 | 17 |
| 2 | All systems are equal: In defense of undervalued ecosystems. <i>Rangelands</i> , 2020, 42, 159-167. | 0.9 | 4 |
| 3 | 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 |
| 4 | Climate change impacts on vernal pool hydrology and vegetation in northern California. <i>Journal of Hydrology</i> , 2019, 574, 1003-1013. | 2.3 | 10 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Womenâ€™Water Nexus for Sustainable Global Water Resources. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, 01817001. | 1.3 | 3 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Estimating daily global solar radiation by day of the year in six cities located in the YucatÃ¡n Peninsula, Mexico. <i>Journal of Cleaner Production</i> , 2017, 141, 75-82. | 4.6 | 68 |
| 14 | Empirical models for estimating daily global solar radiation in YucatÃ¡n Peninsula, Mexico. <i>Energy Conversion and Management</i> , 2016, 110, 448-456. | 4.4 | 94 |
| 15 | 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 |
| 16 | A water balance approach for reconstructing streamflow using tree-ring proxy records. <i>Journal of Hydrology</i> , 2015, 529, 535-547. | 2.3 | 18 |
| 17 | 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 |
| 18 | Linking Wildlife, Water, and Climate. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1643-1645. | 1.7 | 1 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Streamflow simulation using a water-balance model with annually-resolved inputs. <i>Journal of Hydrology</i> , 2010, 387, 46-53. | 2.3 | 12 |
| 28 | Improving estimates of oil pollution to the sea from land-based sources. <i>Marine Pollution Bulletin</i> , 2010, 60, 990-997. | 2.3 | 7 |
| 29 | Errata for "Evaluation of a Modeling Approach to Assess Nitrogen Assimilative Capacity due to River Restoration" 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 |
| 30 | 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 |
| 31 | A watershed modeling approach to streamflow reconstruction from tree-ring records. <i>Environmental Research Letters</i> , 2008, 3, 029801. | 2.2 | 3 |
| 32 | 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 |
| 33 | A watershed modeling approach to streamflow reconstruction from tree-ring records. <i>Environmental Research Letters</i> , 2008, 3, 024006. | 2.2 | 14 |
| 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 | Fire Effects on Stable Isotopes in a Sierran Forested Watershed. <i>Journal of Environmental Quality</i> , 2007, 36, 91-100. | 1.0 | 43 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Calibration and Evaluation of a Mercury Model for a Western Stream and Constructed Wetland. Water, Air, and Soil Pollution, 2007, 182, 275-290. | 1.1 | 17 |
| 38 | SIMULATED EFFECTS OF ALTERED SPILLWAY RELEASES ON THERMAL STRUCTURE AND KOKANEE GROWTH IN A COLORADO RESERVOIR. Journal of the American Water Resources Association, 2006, 42, 645-658. | 1.0 | 2 |
| 39 | Anthropogenic impacts on mercury concentrations and nitrogen and carbon isotope ratios in fish muscle tissue of the Truckee River watershed, Nevada, USA. Science of the Total Environment, 2005, 347, 282-294. | 3.9 | 27 |
| 40 | Integrated Civil Engineering Curriculum: Five-Year Review. Journal of Professional Issues in Engineering Education and Practice, 2004, 130, 160-165. | 0.9 | 12 |
| 41 | Effects of Climate and Dam Operations on Reservoir Thermal Structure. Journal of Water Resources Planning and Management - ASCE, 2004, 130, 112-122. | 1.3 | 24 |
| 42 | Assessing Ecosystem Effects of Reservoir Operations Using Food Web-Energy Transfer and Water Quality Models. Ecosystems, 2001, 4, 105-125. | 1.6 | 59 |
| 43 | Results of Simulated Temperature Control Device Operations on In-Reservoir and Discharge Water Temperatures Using CE-QUAL-W2. Lake and Reservoir Management, 1999, 15, 87-102. | 0.4 | 41 |
| 44 | Predicting the effects of shade on water temperature in small streams. New Zealand Journal of Marine and Freshwater Research, 1997, 31, 707-721. | 0.8 | 140 |
| 45 | Water Quality Data Management: Survey of Current Trends. Journal of Water Resources Planning and Management - ASCE, 1994, 120, 587-612. | 1.3 | 1 |