

Joshua M Peschel

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

480
citations

1162367

8
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating water resources and power generation: The energy-water nexus in Illinois. <i>Applied Energy</i> , 2016, 162, 363-371.	5.1	165
2	Design and field evaluation of a ground robot for high-throughput phenotyping of energy sorghum. <i>Precision Agriculture</i> , 2019, 20, 697-722.	3.1	69
3	The Green Experiment: Cities, Green Stormwater Infrastructure, and Sustainability. <i>Sustainability</i> , 2017, 9, 105.	1.6	68
4	Experimental Validation of Linear and Nonlinear MPC on an Articulated Unmanned Ground Vehicle. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 2023-2030.	3.7	65
5	Review of Human-Machine Interfaces for Small Unmanned Systems With Robotic Manipulators. <i>IEEE Transactions on Human-Machine Systems</i> , 2020, 50, 131-143.	2.5	30
6	A self-learning disturbance observer for nonlinear systems in feedback-error learning scheme. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 62, 276-285.	4.3	22
7	INFLUENCES OF SOIL DATASET RESOLUTION ON HYDROLOGIC MODELING. <i>Journal of the American Water Resources Association</i> , 2006, 42, 1371-1389.	1.0	21
8	Robot-Assisted Measurement for Hydrologic Understanding in Data Sparse Regions. <i>Water (Switzerland)</i> , 2017, 9, 494.	1.2	10
9	A process-based approach to attribution of historical streamflow decline in a data-scarce and human-dominated watershed. <i>Hydrological Processes</i> , 2020, 34, 1981-1995.	1.1	9
10	At the Intersection of Industry, Academia, and Government: How Do We Facilitate Productive Precision Livestock Farming in Practice?. <i>Animals</i> , 2019, 9, 635.	1.0	6
11	Exploratory results for a mission specialist interface in micro unmanned aerial systems. , 2012, , .		4
12	The Effects of Interface Views on Performing Aerial Telem Manipulation Tasks Using Small UAVs. <i>International Journal of Social Robotics</i> , 2022, 14, 213-228.	3.1	3
13	Dietary zinc concentration and lipopolysaccharide injection affect circulating trace minerals, acute phase protein response, and behavior as evaluated by an ear-tag-based accelerometer in beef steers. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
14	A GIS-based tool for bioaccumulation risk analysis and its application to study polychlorinated biphenyls in the Great Lakes. <i>AIMS Environmental Science</i> , 2018, 5, 1-23.	0.7	2
15	Visual Sensor Placement Optimization with 3D Animation for Cattle Health Monitoring in a Confined Operation. <i>Animals</i> , 2022, 12, 1181.	1.0	2
16	Long-duration transit and food and water deprivation alter behavioral activities and aggressive interactions at the feed bunk in beef feedlot steers. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	1
17	Design and Field Evaluation of a Mission Specialist Interface for Small Unmanned Aerial Systems. <i>International Journal of Social Robotics</i> , 0, , .	3.1	0