

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