

Amir Pourabdollah

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

352
citations

840776

11
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality assessment of OpenStreetMap data using trajectory mining. <i>Geo-Spatial Information Science</i> , 2016, 19, 56-68.	5.3	52
2	Towards an Authoritative OpenStreetMap: Conflating OSM and OS OpenData National Maps™ Road Network. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 704-728.	2.9	32
3	Improved Uncertainty Capture for Nonsingleton Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1513-1524.	9.8	30
4	Toward a Framework for Capturing Interpretability of Hierarchical Fuzzy Systems—A Participatory Design Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1160-1172.	9.8	24
5	Alpha-cut representation used for defuzzification in rule-based systems. <i>Fuzzy Sets and Systems</i> , 2020, 399, 110-132.	2.7	22
6	Exploring Entropy Measurements to Identify Multi-Occupancy in Activities of Daily Living. <i>Entropy</i> , 2019, 21, 416.	2.2	19
7	An Entropy-Based Approach for Anomaly Detection in Activities of Daily Living in the Presence of a Visitor. <i>Entropy</i> , 2020, 22, 845.	2.2	17
8	Constrained Interval Type-2 Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1212-1225.	9.8	17
9	Eating and drinking gesture spotting and recognition using a novel adaptive segmentation technique and a gesture discrepancy measure. <i>Expert Systems With Applications</i> , 2020, 140, 112888.	7.6	16
10	Enhanced fuzzy finite state machine for human activity modelling and recognition. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 6077-6091.	4.9	14
11	The contribution of nature to people: Applying concepts of values and properties to rate the management importance of natural elements. <i>Journal of Environmental Management</i> , 2016, 175, 76-86.	7.8	13
12	Changes under the hood - a new type of non-singleton fuzzy logic system. , 2015, , .		11
13	Employing a deep convolutional neural network for human activity recognition based on binary ambient sensor data. , 2020, , .		11
14	Comparative Analysis of Real-Time Fall Detection Using Fuzzy Logic Web Services and Machine Learning. <i>Technologies</i> , 2020, 8, 74.	5.1	10
15	A new dynamic approach for non-singleton fuzzification in noisy time-series prediction. , 2017, , .		8
16	Towards a standard for soil and terrain data exchange: SoTerML. <i>Computers and Geosciences</i> , 2012, 45, 270-283.	4.2	7
17	Real-world utility of non-singleton fuzzy logic systems: A case of environmental management. , 2015, , .		6
18	Exploring Constrained Type-2 Fuzzy Sets. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Human Activities Recognition Based on Neuro-Fuzzy Finite State Machine. <i>Technologies</i> , 2018, 6, 110.	5.1	6
20	Long short-term memory fuzzy finite state machine for human activity modelling. , 2019, , .		5
21	On transitioning from type-1 to interval type-2 fuzzy logic systems. , 2015, , .		4
22	A multi-scale fuzzy entropy measure for anomaly detection in activities of daily living. , 2020, , .		4
23	Employing entropy measures to identify visitors in multi-occupancy environments. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 1093-1106.	4.9	4
24	A cloud-based pervasive application for monitoring oxygen saturation and heart rate using fuzzy-as-a-service. , 2021, , .		3
25	Developing a cloud-based service-oriented architecture for fuzzy logic systems. , 2021, , .		3
26	Developing and Comparing Cloud-based Fuzzy Systems for Monitoring Health Related Signals in Assistive Environments. , 2022, , .		3
27	On the Turing Completeness of the Semantic Web. <i>Theory of Computing Systems</i> , 2015, 56, 291-308.	1.1	2
28	Fuzzy Number Value or Defuzzified Value; Which One Does It Better?. , 2020, , .		2
29	Special issue on human behaviour monitoring, interpretation and understanding. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 5943-5945.	4.9	1
30	Fuzzy Logic As-a-Service for Ambient Intelligence Environments. , 2018, , .		0