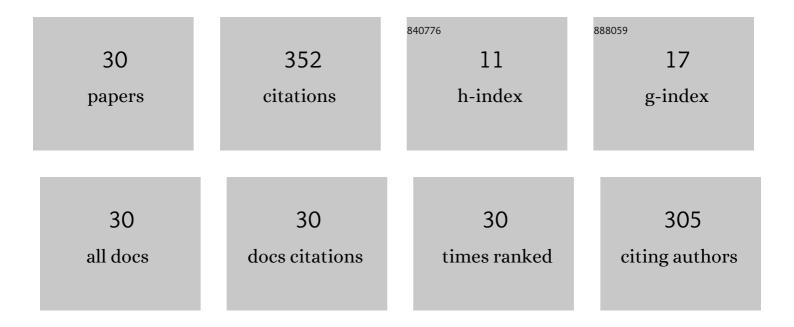
Amir Pourabdollah

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Employing entropy measures to identify visitors in multi-occupancy environments. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 1093-1106.	4.9	4
2	Developing and Comparing Cloud-based Fuzzy Systems for Monitoring Health Related Signals in Assistive Environments. , 2022, , .		3
3	Constrained Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2021, 29, 1212-1225.	9.8	17
4	Toward a Framework for Capturing Interpretability of Hierarchical Fuzzy Systems—A Participatory Design Approach. IEEE Transactions on Fuzzy Systems, 2021, 29, 1160-1172.	9.8	24
5	A cloud-based pervasive application for monitoring oxygen saturation and heart rate using fuzzy-as-a-service. , 2021, , .		3
6	Developing a cloud-based service-oriented architecture for fuzzy logic systems. , 2021, , .		3
7	Eating and drinking gesture spotting and recognition using a novel adaptive segmentation technique and a gesture discrepancy measure. Expert Systems With Applications, 2020, 140, 112888.	7.6	16
8	Special issue on human behaviour monitoring, interpretation and understanding. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 5943-5945.	4.9	1
9	Fuzzy Number Value or Defuzzified Value; Which One Does It Better?. , 2020, , .		2
10	An Entropy-Based Approach for Anomaly Detection in Activities of Daily Living in the Presence of a Visitor. Entropy, 2020, 22, 845.	2.2	17
11	Comparative Analysis of Real-Time Fall Detection Using Fuzzy Logic Web Services and Machine Learning. Technologies, 2020, 8, 74.	5.1	10
12	Enhanced fuzzy finite state machine for human activity modelling and recognition. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 6077-6091.	4.9	14
13	Alpha-cut representation used for defuzzification in rule-based systems. Fuzzy Sets and Systems, 2020, 399, 110-132.	2.7	22
14	A multi-scale fuzzy entropy measure for anomaly detection in activities of daily living. , 2020, , .		4
15	Employing a deep convolutional neural network for human activity recognition based on binary ambient sensor data. , 2020, , .		11
16	Long short-term memory fuzzy finite state machine for human activity modelling. , 2019, , .		5
17	Exploring Entropy Measurements to Identify Multi-Occupancy in Activities of Daily Living. Entropy, 2019, 21, 416.	2.2	19

18 Exploring Constrained Type-2 Fuzzy Sets. , 2018, , .

#	Article	IF	CITATIONS
19	Fuzzy Logic As-a-Service for Ambient Intelligence Environments. , 2018, , .		Ο
20	Human Activities Recognition Based on Neuro-Fuzzy Finite State Machine. Technologies, 2018, 6, 110.	5.1	6
21	A new dynamic approach for non-singleton fuzzification in noisy time-series prediction. , 2017, , .		8
22	Improved Uncertainty Capture for Nonsingleton Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1513-1524.	9.8	30
23	Quality assessment of OpenStreetMap data using trajectory mining. Geo-Spatial Information Science, 2016, 19, 56-68.	5.3	52
24	The contribution of nature to people: Applying concepts of values and properties to rate the management importance of natural elements. Journal of Environmental Management, 2016, 175, 76-86.	7.8	13
25	Changes under the hood - a new type of non-singleton fuzzy logic system. , 2015, , .		11
26	On transitioning from type-1 to interval type-2 fuzzy logic systems. , 2015, , .		4
27	Real-world utility of non-singleton fuzzy logic systems: A case of environmental management. , 2015, , .		6
28	On the Turing Completeness of the Semantic Web. Theory of Computing Systems, 2015, 56, 291-308.	1.1	2
29	Towards an Authoritative OpenStreetMap: Conflating OSM and OS OpenData National Maps' Road Network. ISPRS International Journal of Geo-Information, 2013, 2, 704-728.	2.9	32
30	Towards a standard for soil and terrain data exchange: SoTerML. Computers and Geosciences, 2012, 45, 270-283.	4.2	7