

# Mounir Ben Ayed

## List of Publications by Year in descending order

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33  
papers

466  
citations

840776

11  
h-index

752698

20  
g-index

33  
all docs

33  
docs citations

33  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Agent-Based Intelligent Decision Support Systems: A Systematic Review. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 20-34.	3.8	10
2	Interval Type-2 Beta Fuzzy Near Sets Approach to Content-Based Image Retrieval. IEEE Transactions on Fuzzy Systems, 2022, 30, 805-817.	9.8	7
3	Do individual characteristics influence the beta-elliptic modeling errors during ellipse drawing movements?. Computer Methods in Biomechanics and Biomedical Engineering, 2022, 25, 783-793.	1.6	4
4	PSO-Based Adaptive Hierarchical Interval Type-2 Fuzzy Knowledge Representation System (PSO-AHIT2FKRS) for Travel Route Guidance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 804-818.	8.0	16
5	A novel biometric system for signature verification based on score level fusion approach. Multimedia Tools and Applications, 2022, 81, 7817-7845.	3.9	11
6	Performance of NoSQL Graph Implementations of Star vs. Snowflake Schemas. IEEE Access, 2022, 10, 48603-48614.	4.2	7
7	A resilient Trust Management framework towards trust related attacks in the Social Internet of Things. Computer Communications, 2022, 191, 92-107.	5.1	13
8	Deep bidirectional long short-term memory for online multilingual writer identification based on an extended Beta-elliptic model and fuzzy elementary perceptual codes. Multimedia Tools and Applications, 2021, 80, 14075-14100.	3.9	10
9	ASAR 2021 Online Arabic Writer Identification Competition. Lecture Notes in Computer Science, 2021, , 353-365.	1.3	3
10	A Multi-Agent system for road traffic decision making based on Hierarchical Interval Type-2 Fuzzy Knowledge Representation System. , 2021, , .		2
11	Towards a novel biometric system for forensic document examination. Computers and Security, 2020, 97, 101973.	6.0	15
12	Intelligent health monitoring system modeling based on machine learning and agent technology. Multiagent and Grid Systems, 2020, 16, 207-226.	0.9	7
13	Deep learning for internet of things in fog computing: Survey and Open Issues. , 2020, , .		10
14	Survey on Visualization and Visual Analytics pipeline-based models: Conceptual aspects, comparative studies and challenges. Computer Science Review, 2020, 36, 100245.	15.3	4
15	Multi-agent based intuitionistic fuzzy logic healthcare decision support system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 2697-2712.	1.4	7
16	Morphological Convolutional Neural Network Architecture for Digit Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2876-2885.	11.3	58
17	Deep Bidirectional Long Short-Term Memory for Online Arabic Writer Identification Based on Beta-Elliptic Model. , 2019, , .		9
18	A Predictive Visual Analytics Evaluation Approach Based on Adaptive Neuro-Fuzzy Inference System. Computer Journal, 2019, 62, 977-1000.	2.4	3

#	ARTICLE	IF	CITATIONS
19	Information and communication technologies for the improvement of the irrigation scheduling. International Journal of Sensor Networks, 2019, 30, 69.	0.4	0
20	Fuzzy logic-based evaluation of visualizations generated by intelligent decision support systems. Information Visualization, 2018, 17, 3-21.	1.9	5
21	Multi-agent modelling of decision support systems based on visual data mining. Multiagent and Grid Systems, 2017, 13, 31-45.	0.9	13
22	Agent Technology Based Modelization Systems for Healthcare. IETE Journal of Research, 2017, 63, 630-642.	2.6	3
23	Hierarchical interval type-2 beta fuzzy knowledge representation system for path preference planning. , 2017, , .		2
24	An enhanced healthcare system in mobile cloud computing environment. Vietnam Journal of Computer Science, 2016, 3, 267-277.	1.2	55
25	Enhanced visual data mining process for dynamic decision-making. Knowledge-Based Systems, 2016, 112, 166-181.	7.1	23
26	A quality model for the evaluation of decision support systems based on a knowledge discovery from data process. Journal of Decision Systems, 2016, 25, 95-117.	3.2	7
27	Interactive visual knowledge discovery from data-based temporal decision support system. Information Visualization, 2016, 15, 31-50.	1.9	15
28	Towards an intelligent evaluation method of medical data visualizations. , 2015, , .		5
29	Combination of cognitive and HCI modeling for the design of KDD-based DSS used in dynamic situations. Decision Support Systems, 2015, 78, 51-64.	5.9	18
30	A Multi Agent System for Hospital Organization. International Journal of Machine Learning and Computing, 2015, 5, 51-56.	0.6	23
31	A human-centred design approach for developing dynamic decision support system based on knowledge discovery in databases. Journal of Decision Systems, 2013, 22, 69-96.	3.2	41
32	An agent-based Knowledge Discovery from Databases applied in healthcare domain. , 2013, , .		5
33	A user-centered approach for the design and implementation of KDD-based DSS: A case study in the healthcare domain. Decision Support Systems, 2010, 50, 64-78.	5.9	55