

Mounir Ben Ayed

List of Publications by Year in descending order

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Version: 2024-02-01

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	Morphological Convolutional Neural Network Architecture for Digit Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2876-2885.	11.3	58
2	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
3	An enhanced healthcare system in mobile cloud computing environment. Vietnam Journal of Computer Science, 2016, 3, 267-277.	1.2	55
4	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
5	Enhanced visual data mining process for dynamic decision-making. Knowledge-Based Systems, 2016, 112, 166-181.	7.1	23
6	A Multi Agent System for Hospital Organization. International Journal of Machine Learning and Computing, 2015, 5, 51-56.	0.6	23
7	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
8	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
9	Interactive visual knowledge discovery from data-based temporal decision support system. Information Visualization, 2016, 15, 31-50.	1.9	15
10	Towards a novel biometric system for forensic document examination. Computers and Security, 2020, 97, 101973.	6.0	15
11	Multi-agent modelling of decision support systems based on visual data mining. Multiagent and Grid Systems, 2017, 13, 31-45.	0.9	13
12	A resilient Trust Management framework towards trust related attacks in the Social Internet of Things. Computer Communications, 2022, 191, 92-107.	5.1	13
13	A novel biometric system for signature verification based on score level fusion approach. Multimedia Tools and Applications, 2022, 81, 7817-7845.	3.9	11
14	Agent-Based Intelligent Decision Support Systems: A Systematic Review. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 20-34.	3.8	10
15	Deep learning for internet of things in fog computing: Survey and Open Issues. , 2020, , .		10
16	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
17	Deep Bidirectional Long Short-Term Memory for Online Arabic Writer Identification Based on Beta-Elliptic Model. , 2019, , .		9
18	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

#	ARTICLE	IF	CITATIONS
19	Multi-agent based intuitionistic fuzzy logic healthcare decision support system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 2697-2712.	1.4	7
20	Intelligent health monitoring system modeling based on machine learning and agent technology. Multiagent and Grid Systems, 2020, 16, 207-226.	0.9	7
21	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
22	Performance of NoSQL Graph Implementations of Star vs. Snowflake Schemas. IEEE Access, 2022, 10, 48603-48614.	4.2	7
23	An agent-based Knowledge Discovery from Databases applied in healthcare domain. , 2013, , .		5
24	Towards an intelligent evaluation method of medical data visualizations. , 2015, , .		5
25	Fuzzy logic-based evaluation of visualizations generated by intelligent decision support systems. Information Visualization, 2018, 17, 3-21.	1.9	5
26	Survey on Visualization and Visual Analytics pipeline-based models: Conceptual aspects, comparative studies and challenges. Computer Science Review, 2020, 36, 100245.	15.3	4
27	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
28	Agent Technology Based Modelization Systems for Healthcare. IETE Journal of Research, 2017, 63, 630-642.	2.6	3
29	A Predictive Visual Analytics Evaluation Approach Based on Adaptive Neuro-Fuzzy Inference System. Computer Journal, 2019, 62, 977-1000.	2.4	3
30	ASAR 2021 Online Arabic Writer Identification Competition. Lecture Notes in Computer Science, 2021, , 353-365.	1.3	3
31	Hierarchical interval type-2 beta fuzzy knowledge representation system for path preference planning. , 2017, , .		2
32	A Multi-Agent system for road traffic decision making based on Hierarchical Interval Type-2 Fuzzy Knowledge Representation System. , 2021, , .		2
33	Information and communication technologies for the improvement of the irrigation scheduling. International Journal of Sensor Networks, 2019, 30, 69.	0.4	0