El Habib Nfaoui

List of Publications by Year
in descending order

81 papers	555 citations	933447 10 h-index	839539 18 g-index
89 all docs	89 docs citations	89 times ranked	368 citing authors

#	Article	IF	Citations
1	Deep associative learning approach for bio-medical sentiment analysis utilizing unsupervised representation from large-scale patients' narratives. Personal and Ubiquitous Computing, 2023, 27, 2055-2069.	2.8	5
2	Affective Concept-Based Encoding of Patient Narratives via Sentic Computing and Neural Networks. Cognitive Computation, 2022, 14, 274-299.	5.2	4
3	Cross-Platform Reputation Generation System Based on Aspect-Based Sentiment Analysis. IEEE Access, 2022, 10, 2515-2531.	4.2	6
4	Academic Aggregated Search Approach Based on BERT Language Model. , 2022, , .		2
5	IoT Based Smart Agriculture Monitoring System with Predictive Analysis. , 2022, , .		3
6	Deep Learning for Vulnerability and Attack Detection on Web Applications: A Systematic Literature Review. Future Internet, 2022, 14, 118.	3.8	7
7	Sensors Deployment in IoT Environment. Lecture Notes in Networks and Systems, 2022, , 276-283.	0.7	3
8	Query Processing in IoT Based on Spatial and Temporal Information. Lecture Notes in Networks and Systems, 2022, , 269-276.	0.7	2
9	MINING ONLINE REVIEWS TO SUPPORT CUSTOMERS' DECISION-MAKING PROCESS IN E-COMMERCE PLATFORMS: A NARRATIVE LITERATURE REVIEW. Journal of Organizational Computing and Electronic Commerce, 2022, 32, 69-97.	1.8	2
10	Do Patients Tend to Find Positive or Negative Feedback on Social Networks? A Study of The Main Aspects of Modelling Patient Understanding Based on Emotional Variants. , 2022, , .		0
11	Relevant node discovery and selection approach for the Internet of Things based on neural networks and ant colony optimization. Pervasive and Mobile Computing, 2021, 70, 101311.	3.3	17
12	Combining Context-Aware Embeddings and an Attentional Deep Learning Model for Arabic Affect Analysis on Twitter. IEEE Access, 2021, 9, 111214-111230.	4.2	11
13	MTVRep: A movie and TV show reputation system based on fine-grained sentiment and semantic analysis. International Journal of Electrical and Computer Engineering, 2021, 11, 1613.	0.7	3
14	An Optimal Base Stations Positioning for the Internet of Things Devices. , 2021, , .		5
15	Incorporating LDA with LSTM for followee recommendation on Twitter network. International Journal of Web Information Systems, 2021, 17, 250-260.	2.4	3
16	Deep Attentional Bidirectional LSTM for Arabic Sentiment Analysis In Twitter. , 2021, , .		6
17	Mining Online Opinions and Reviews Using Bi-LSTM for Reputation Generation. Lecture Notes in Networks and Systems, 2021, , 135-144.	0.7	1
18	SIoT: A New Strategy to Improve the Network Lifetime with an Efficient Search Process. Future Internet, 2021, 13, 4.	3.8	14

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19	Social Arabic Emotion Analysis: A Comparative Study of Multiclass Classification Techniques. , 2021, , .		2
20	A bio-inspired adaptive model for search and selection in the Internet of Things environment. PeerJ Computer Science, 2021, 7, e762.	4.5	7
21	A fuzzy logic and ontology-based approach for improving the CV and job offer matching in recruitment process. International Journal of Metadata, Semantics and Ontologies, 2021, 15, 104.	0.2	0
22	Predicting the Traffic Congestion and Optimal Route in a Smart City Exploiting IoT Devices. , 2021, , .		1
23	A hybrid approach for generating reputation based on opinions fusion and sentiment analysis. Journal of Organizational Computing and Electronic Commerce, 2020, 30, 9-27.	1.8	16
24	Leveraging topic feature for followee recommendation on Twitter network. , 2020, , .		1
25	A Node Capability Classification in Internet of Things. , 2020, , .		7
26	Efficient Weighted Semantic Score Based on the Huffman Coding Algorithm and Knowledge Bases for Word Sequences Embedding. International Journal on Semantic Web and Information Systems, 2020, 16, 126-142.	5.1	2
27	Enhancing convolution-based sentiment extractor via dubbed N-gram embedding-related drug vocabulary. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	2.1	8
28	Aggregating Customer Review Attributes for Online Reputation Generation. IEEE Access, 2020, 8, 96550-96564.	4.2	19
29	Drug Reaction Discriminator within Encoder-Decoder Neural Network Model: COVID-19 Pandemic Case Study. , 2020, , .		3
30	Deep Bidirectional LSTM Network Learning-Based Sentiment Analysis for Arabic Text. Journal of Intelligent Systems, 2020, 30, 395-412.	1.6	45
31	Services Search Techniques Architecture for the Internet of Things. Lecture Notes in Networks and Systems, 2020, , 226-236.	0.7	3
32	Vertical intent prediction approach based on Doc2vec and convolutional neural networks for improving vertical selection in aggregated search. International Journal of Electrical and Computer Engineering, 2020, 10, 3869.	0.7	1
33	Sentiment Analysis Approach Based on Combination of Word Embedding Techniques. Advances in Intelligent Systems and Computing, 2020, , 805-813.	0.6	6
34	Path Length Optimization in Heterogeneous Network for Internet of Things. , 2020, , .		5
35	System Service Provider–Customer for IoT (SSPC-IoT). Advances in Intelligent Systems and Computing, 2020, , 731-739.	0.6	10
36	A Comparative Evaluation of Classification Algorithms for Sentiment Analysis Using Word Embeddings. Advances in Intelligent Systems and Computing, 2020, , 1-11.	0.6	1

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37	Language representation learning models. , 2020, , .		2
38	Mining User's Opinions and Emojis For Reputation Generation Using Deep Learning. , 2020, , .		1
39	AmazonRep: A Reputation System to Support Amazon's Customers Purchase Decision Making Process based on Mining Product Reviews. , 2020, , .		2
40	A Comparative Evaluation of Word Embeddings Techniques for Twitter Sentiment Analysis. , 2019, , .		20
41	An Unsupervised Approach for Reputation Generation. Procedia Computer Science, 2019, 148, 80-86.	2.0	6
42	An Analysis Study of Vertical Selection Task in Aggregated Search. Procedia Computer Science, 2019, 148, 171-180.	2.0	4
43	A Conditional Sentiment Analysis Model for the Embedding Patient Self-report Experiences on Social Media. Advances in Intelligent Systems and Computing, 2019, , 64-77.	0.6	6
44	A Task Allocation In IoT Using Ant Colony Optimization. , 2019, , .		14
45	A Logistic Regression Approach for Generating Movies Reputation Based on Mining User Reviews. , 2019, , .		4
46	Hashtag Recommender System Based on LSTM Neural Reccurent Network. , 2019, , .		1
47	Learning to Suggest Hashtags. Advances in Web Technologies and Engineering Book Series, 2019, , 302-325.	0.4	1
48	Using Tweets Embeddings For Hashtag Recommendation in Twitter. Procedia Computer Science, 2018, 127, 7-15.	2.0	31
49	Semantic-based Followee Recommendations on Twitter Network. Procedia Computer Science, 2018, 127, 505-510.	2.0	9
50	A Multi-layer Architecture for Services Management in IoT. Lecture Notes in Networks and Systems, 2018, , 324-334.	0.7	11
51	Improving relational aggregated search from big data sources using stacked autoencoders. Cognitive Systems Research, 2018, 51, 61-71.	2.7	9
52	MDX2SPARQL: Semantic query mapping of OLAP query language to SPARQL. , 2018, , .		1
53	Hashtag Recommendation Using Word Sequences' Embeddings. Communications in Computer and Information Science, 2018, , 131-143.	0.5	3
54	Review of mobile cross platform and research orientations. , 2017, , .		9

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55	An extended spreading activation technique for hashtag recommendation in microblogging platforms. , 2017, , .		8
56	Improving relational aggregated search from big data sources using deep learning. , 2017, , .		4
57	A multi-level approach for selecting and recommending semantic web services. , 2017, , .		1
58	A comparison of classification algorithms for verbose queries detection using BabelNet. , 2017, , .		1
59	Unsupervised topics extraction of microblogging posts: a DBpedia-based approach. International Journal of Computer Aided Engineering and Technology, 2017, 9, 337.	0.2	0
60	Harnessing Semantic Features for Large-Scale Content-Based Hashtag Recommendations on Microblogging Platforms. International Journal on Semantic Web and Information Systems, 2017, 13, 63-81.	5.1	13
61	Sentiment Analysis Tool for Pharmaceutical Industry & Healthcare. Transactions on Machine Learning and Artificial Intelligence, 2017, 5, .	0.3	7
62	Intelligent layer for relational aggregated search based on deep neural networks. , 2016, , .		0
63	An XML-based mediator for health information systems. International Journal of Medical Engineering and Informatics, 2016, 8, 63.	0.3	2
64	On using graph centrality measures for DBpedia-based tweet entity linking. , 2016, , .		0
65	Aggregated Search and Interleaving Methods. , 2016, , .		1
66	Cross platform approach for mobile application development: A survey. , 2016, , .		39
67	A novel collaborative filtering approach based on social network experts. , 2016, , .		0
68	Multi-agent architecture for optimal energy management of a smart micro-grid using a weighted hybrid BP-PSO algorithm for wind power prediction. International Journal of Technology Intelligence and Planning, 2016, 11, 20.	0.3	6
69	Microblog semantic context retrieval system based on linked open data and graph-based theory. Expert Systems With Applications, 2016, 53, 138-148.	7.6	18
70	Intelligent multi-agent system for smart microgrid energy management. International Journal of Intelligent Engineering Informatics, 2016, 4, 245.	0.1	0
71	A multi-objective approach for micro grid energy management based on fuzzy multi-agent decision-making process. International Journal of Intelligent Engineering Informatics, 2016, 4, 208.	0.1	0
72	Toward an effective hybrid collaborative filtering: A new approach based on matrix factorization and heuristic-based neighborhood. , 2015, , .		0

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73	MAS energy management of a microgrid based on fuzzy logic control. , 2015, , .		3
74	Multi-agent system based on fuzzy control and prediction using NN for smart microgrid energy management. , 2015, , .		7
75	Multi agent based incident management system according to ITIL. , 2015, , .		3
76	Canonical Document for Medical Data Exchange. Lecture Notes in Computer Science, 2015, , 37-44.	1.3	2
77	A MOBILE AGENT BASED APPROACH FOR AUTOMATING Â"DISCOVER-COMPOSEÂ" PROCESS OF SEMANTIC WEB SERVICES. Journal of Computer Science, 2014, 10, 1628-1641.	0.6	4
78	Multi-agent architecture for smart micro-grid optimal control using a hybrid BP-PSO algorithm for wind power prediction. , 2014, , .		7
79	Named entity linking in microblog posts using graph-based centrality scoring. , 2014, , .		4
80	Architecture based on mobile agent and PEIDs technologies to improve innovation in PLM. , 2013, , .		1
81	An Approach of Decision-Making Support Based on Collaborative Agents for Unexpected Rush Orders Management. International Journal of Information Systems and Supply Chain Management, 2009, 2, 16-35.	0.9	58