Jesus Serrano-Guerrero

List of Publications by Year
in descending order

40 papers	711 citations	933447 10 h-index	677142 22 g-index
43 all docs	43 docs citations	43 times ranked	690 citing authors

#	Article	IF	Citations
1	Sentiment analysis: A review and comparative analysis of web services. Information Sciences, 2015, 311, 18-38.	6.9	305
2	A google wave-based fuzzy recommender system to disseminate information in University Digital Libraries 2.0. Information Sciences, 2011, 181, 1503-1516.	6.9	125
3	Fuzzy logic applied to opinion mining: A review. Knowledge-Based Systems, 2021, 222, 107018.	7.1	58
4	Hiperion: A fuzzy approach for recommending educational activities based on the acquisition of competences. Information Sciences, 2013, 248, 114-129.	6.9	40
5	An adaptive approach to enhanced traffic signal optimization by using soft-computing techniques. Expert Systems With Applications, 2011, 38, 2235-2247.	7.6	32
6	A T1OWA and aspect-based model for customizing recommendations on eCommerce. Applied Soft Computing Journal, 2020, 97, 106768.	7.2	18
7	An Application of Fuzzy Prototypes to the Diagnosis and Treatment of Fuzzy Diseases. International Journal of Intelligent Systems, 2017, 32, 194-210.	5.7	16
8	An approach to web-based Personal Health Records filtering using fuzzy prototypes and data quality criteria. Information Processing and Management, 2012, 48, 451-466.	8.6	14
9	A T1OWA fuzzy linguistic aggregation methodology for searching feature-based opinions. Knowledge-Based Systems, 2020, 189, 105131.	7.1	14
10	A fuzzy aspect€based approach for recommending hospitals. International Journal of Intelligent Systems, 2022, 37, 2885-2910.	5.7	14
11	Ordered Weighted Averaging for Emotion-Driven Polarity Detection. Cognitive Computation, 2022, 14, 194-211.	5.2	11
12	Understanding what patients think about hospitals: A deep learning approach for detecting emotions in patient opinions. Artificial Intelligence in Medicine, 2022, 128, 102298.	6.5	9
13	Fuzzy optimized self-organizing maps and their application to document clustering. Soft Computing, 2010, 14, 857-867.	3.6	8
14	A relevance and quality-based ranking algorithm applied to evidence-based medicine. Computer Methods and Programs in Biomedicine, 2020, 191, 105415.	4.7	6
15	A proposal for a recommender system of scientific relevance. Procedia Computer Science, 2019, 162, 199-206.	2.0	5
16	A Fuzzy Framework to Evaluate Players' Performance in Handball. International Journal of Computational Intelligence Systems, 2020, 13, 549.	2.7	5
17	A similarity-based approach to enhance learning objects management systems. , 2011, , .		3
18	An ANEW based Fuzzy Sentiment Analysis Model. , 2018, , .		3

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19	A semantic approach for topic-based polarity detection: a case study in the Spanish language. Procedia Computer Science, 2019, 162, 849-856.	2.0	3
20	An approach to academic performance prediction in tutoring systems based on fuzzy deformable prototypes. Progress in Artificial Intelligence, 2016, 5, 55-64.	2.4	2
21	Towards Context-Aware Opinion Summarization for Monitoring Social Impact of News. Information (Switzerland), 2020, 11, 535.	2.9	2
22	An OWA and Aspect-based approach applied to Rating Prediction. , 2020, , .		2
23	Computing Sentiment Analysis through Aspect-based fuzzy Aggregations. , 0, , .		2
24	An Extension of Fuzzy Deformable Prototypes for predicting student performance on Web-based Tutoring Systems. , 0, , .		2
25	Conceptual Soft-Computing based Web search: FIS-CRM, FISS Metasearcher and GUMSe Architecture. , 2008, , 107-134.		2
26	Filtering Short Queries by Means of Fuzzy Semantic-Lexical Relations for Meta-searchers Using WordNet. , 2008, , .		1
27	A comparative study of Soft Computing software for enhancing the capabilities of business document management systems. , 2016, , .		1
28	A method for the semantic analysis of documents in a business context in Spanish. Procedia Computer Science, 2019, 162, 803-810.	2.0	1
29	An Algorithm for Ranking Hospitals based on Intuitionistic Fuzzy Sets and Sentiment Analysis. , 2021, , .		1
30	CASTALIA: Architecture of a Fuzzy Metasearch Engine for Question Answering Systems. , 2009, , .		0
31	Web-Based Personal Health Records Filtering Using Fuzzy Prototypes and Data Quality Criteria. , 2009, , .		0
32	An Experiment About Using Copulative and Comparative Sentences as Constraining Relations. , 2009, , .		0
33	Bucefalo. , 2009, , .		0
34	A category-based information filtering approach based on interval type 2 fuzzy sets. , 2010, , .		0
35	Enhancing knowledge management capabilities in web-based decision aids using fuzzy prototypes and Data Quality criteria. , 2013, , .		0
36	Linguistic Description of the Evolution of Stress Level Using Fuzzy Deformable Prototypes. Communications in Computer and Information Science, 2018, , 443-452.	0.5	0

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37	The Gaps of the Thesaurus Wordnet Used in Information Retrieval. Lecture Notes in Computer Science, 2005, , 229-234.	1.3	0
38	A Model for Generating Related Weighted Boolean Queries. Lecture Notes in Computer Science, 2010, , 429-438.	1.3	0
39	Fuzzy Ontologies to Represent Background Knowledge: Some Experimental Results on Modelling Climate Change Knowledge. Advances in Intelligent and Soft Computing, 2011, , 179-191.	0.2	0
40	Fuzzy Ontology-Based Approach for Automatic Construction of User Profiles. Lecture Notes in Computer Science, 2014, , 339-346.	1.3	0