Shahrul Azman Mohd Noah

List of Publications by Year
in descending order

97 papers	873 citations	566801 15 h-index	676716 22 g-index
100 all docs	100 docs citations	100 times ranked	767 citing authors

#	Article	IF	Citations
1	Multi-Criteria Review-Based Recommender System–The State of the Art. IEEE Access, 2019, 7, 169446-169468.	2.6	60
2	Performance Comparison of Multi-layer Perceptron (Back Propagation, Delta Rule and Perceptron) algorithms in Neural Networks. , 2009, , .		55
3	Application of Machine Learning Methods in Mental Health Detection: A Systematic Review. IEEE Access, 2020, 8, 183952-183964.	2.6	53
4	Multi-label Arabic text categorization: A benchmark and baseline comparison of multi-label learning algorithms. Information Processing and Management, 2019, 56, 212-227.	5.4	42
5	RFBoost: An improved multi-label boosting algorithm and its application to text categorisation. Knowledge-Based Systems, 2016, 103, 104-117.	4.0	39
6	Review of personalized recommendation techniques for learners in e-learning systems. , 2011, , .		35
7	Feature ranking for enhancing boosting-based multi-label text categorization. Expert Systems With Applications, 2018, 113, 531-543.	4.4	32
8	Ontology population: Approaches and design aspects. Journal of Information Science, 2019, 45, 502-515.	2.0	27
9	Integrating contextual sentiment analysis in collaborative recommender systems. PLoS ONE, 2021, 16, e0248695.	1.1	25
10	Review on the advancements of disambiguation in semantic question answering system. Information Processing and Management, 2017, 53, 52-69.	5.4	22
11	Unsupervised Semantic Approach of Aspect-Based Sentiment Analysis for Large-Scale User Reviews. IEEE Access, 2020, 8, 218592-218613.	2.6	22
12	Multidomain Intervention for Reversal of Cognitive Frailty, Towards a Personalized Approach (AGELESS Trial): Study Design. Journal of Alzheimer's Disease, 2021, 82, 673-687.	1.2	21
13	Design of an interactive digital nutritional education package for elderly people. Informatics for Health and Social Care, 2012, 37, 217-229.	1.4	19
14	LDA-AdaBoost.MH: Accelerated AdaBoost.MH based on latent Dirichlet allocation for text categorization. Journal of Information Science, 2015, 41, 27-40.	2.0	19
15	Willingness, perceived barriers and motivators in adopting mobile applications for health-related interventions among older adults: a scoping review protocol. BMJ Open, 2020, 10, e033870.	0.8	18
16	An extracted social network mining. , 2016, , .		17
17	Quality and accuracy assessment of nutrition information on the Web for cancer prevention. Informatics for Health and Social Care, 2013, 38, 15-26.	1.4	16
18	Development and assessment of a web-based intervention for educating older people on strategies promoting healthy cognition. Clinical Interventions in Aging, 2018, Volume 13, 1787-1798.	1.3	16

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19	Superficial Method for Extracting Social Network for Academics Using Web Snippets. Lecture Notes in Computer Science, 2010, , 483-490.	1.0	16
20	Willingness, perceived barriers and motivators in adopting mobile applications for health-related interventions among older adults: a scoping review. BMJ Open, 2022, 12, e054561.	0.8	16
21	The Effectiveness of a Web-Based Health Education Tool, WESIHAT 2.0, among Older Adults: A Randomized Controlled Trial. Journal of Alzheimer's Disease, 2019, 70, S255-S270.	1.2	15
22	Mobile Application on Healthy Diet for Elderly based on Persuasive Design. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 222.	0.2	14
23	The application of ontology in a clinical decision support system for acute postoperative pain management. , 2011, , .		12
24	Building an Event Ontology for Historical Domain to Support Semantic Document Retrieval. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 1154.	0.2	11
25	Rules and Natural Language Pattern in Extracting Quranic Knowledge. , 2013, , .		10
26	Social Network Extraction Based on Web. A Comparison of Superficial Methods. Procedia Computer Science, 2017, 124, 86-92.	1.2	10
27	Analysis of retrieval result on ontology-based query reformulation. , 2014, , .		9
28	Boosting algorithms with topic modeling for multi-label text categorization: A comparative empirical study. Journal of Information Science, 2015, 41, 732-746.	2.0	9
29	Semantic text-based image retrieval with multi-modality ontology and DBpedia. Electronic Library, 2017, 35, 1191-1214.	0.8	9
30	Automatically Generating A Sentiment Lexicon For The Malay Language. Asia-Pacific Journal of Information Technology and Multimedia, 2016, 05, 49-59.	0.2	9
31	Ontology-Based Knowledge Management Tools for Knowledge Sharing in Organization—A Review. IEEE Access, 2022, 10, 43267-43283.	2.6	9
32	Ontology modeling of Malaysian food composition. , 2016, , .		8
33	Integrating Audio Visual Data for Human Action Detection. , 2008, , .		7
34	Behavior of the resources in the growth of social network. , 2015, , .		7
35	Deriving the sentiment polarity of term senses using dual-step context-aware in-gloss matching. Information Processing and Management, 2020, 57, 102273.	5.4	7
36	Using Lexical Ontology for Semi-automatic Logical Data Warehouse Design. Lecture Notes in Computer Science, 2010, , 257-264.	1.0	7

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37	Rules for Ontology Population from Text of Malaysia Medicinal Herbs Domain. Lecture Notes in Computer Science, 2010, , 386-394.	1.0	7
38	Using Tags for Measuring the Semantic Similarity of Users to Enhance Collaborative Filtering Recommender Systems. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 2063.	0.2	7
39	Evaluation of Lexical-Based Approaches to the Semantic Similarity of Malay Sentences. Journal of Quantitative Linguistics, 2015, 22, 135-156.	0.7	6
40	A Proposed Method Using the Semantic Similarity of WordNet 3.1 to Handle the Ambiguity to Apply in Social Media Text. Lecture Notes in Electrical Engineering, 2020, , 471-483.	0.3	6
41	The Difficulties of Using Design Patterns among Novices: An Exploratory Study. , 2007, , .		5
42	Medical Image Annotation and Retrieval by Using Classification Techniques. , 2014, , .		5
43	Going Beyond the Surrounding Text to Semantically Annotate and Search Digital Images. Lecture Notes in Computer Science, 2010, , 169-179.	1.0	5
44	Minimally-Supervised Sentiment Lexicon Induction Model: A Case Study of Malay Sentiment Analysis. Lecture Notes in Computer Science, 2017, , 225-237.	1.0	5
45	A grounder for SPINdle defeasible logic reasoner. Expert Systems With Applications, 2015, 42, 7098-7109.	4.4	4
46	Efficient identity matching using static pruning q-gram indexing approach. Decision Support Systems, 2015, 73, 97-108.	3.5	4
47	Syntactic rule-based approach for extracting concepts from quranic translation text. , 2017, , .		4
48	Ontological-Based Model for Human Resource Decision Support System (HRDSS). Lecture Notes in Computer Science, 2010, , 585-594.	1.0	4
49	Ontology-Driven Semantic Digital Library. Lecture Notes in Computer Science, 2010, , 141-150.	1.0	4
50	ICDTag: A Prototype for a Web-Based System for Organizing Physician-Written Blog Posts Using a Hybrid Taxonomy-Folksonomy Approach. Journal of Medical Internet Research, 2013, 15, e41.	2.1	4
51	Integration of Linked Open Data in Collaborative Group Recommender Systems. IEEE Access, 2021, 9, 150753-150767.	2.6	4
52	Exploring and validating the contributions of real-world knowledge to the diagnostic performance of automated database design tools. , 2000, , .		3
53	Intelligent Database Design Diagnosis: Performance Assessment with the Provision of Domain Knowledge. Artificial Intelligence Review, 2004, 21, 57-84.	9.7	3
54	Assisting students in applying design pattern solution. , 2008, , .		3

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55	Metadata generation process for video action detection. , 2008, , .		3
56	Automatic data warehouse conceptual design. , 2008, , .		3
57	Visualization of the Hadith Chain of Narrators. Lecture Notes in Computer Science, 2011, , 340-347.	1.0	3
58	“nya” as anaphoric word: A proposed solution. , 2011, , .		3
59	X-Ray Medical Image Classification Based on Multi Classifiers. , 2015, , .		3
60	Development of Domain Ontology for a Semantic Online Forum. Journal of Computer Science, 2015, 11, 750-763.	0.5	3
61	Semantically Enhanced Case Adaptation for Dietary Menu Recommendation of Diabetic Patients. Lecture Notes in Computer Science, 2017, , 318-333.	1.0	3
62	Social network extraction based on Web: 3. the integrated superficial method. Journal of Physics: Conference Series, 2018, 978, 012033.	0.3	3
63	Towards a Multimodality Ontology Image Retrieval. Lecture Notes in Computer Science, 2011, , 382-393.	1.0	3
64	Towards Serendipity for Contentâ€"Based Recommender Systems. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1762.	0.2	3
65	EMBEDDED LEARNING FOR LEVERAGING MULTI-ASPECT IN RATING PREDICTION OF PERSONALIZED RECOMMENDATION. Malaysian Journal of Computer Science, 0, , 31-47.	0.5	3
66	Measuring the representativeness of index terms in literary texts: an experiment on the Quran. , 2008, , .		2
67	MTag: A model to enable collaborative medical tagging in medical blogs. Procedia Computer Science, 2011, 3, 785-790.	1.2	2
68	Query reformulation using ontology and keyword for durian web search. , 2016, , .		2
69	Feature selection based on supervised topic modeling for boosting-based multi-label text categorization. , 2017, , .		2
70	Sentiment-Based Model for Recommender Systems. , 2018, , .		2
71	Word-embedding-based query expansion: Incorporating Deep Averaging Networks in Arabic document retrieval. Journal of Information Science, 0, , 016555152110406.	2.0	2
72	Malay Name Entity Recognition Using Limited Resources. Advanced Science Letters, 2016, 22, 2968-2971.	0.2	2

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73	The Role of Lexical Ontology in Expanding the Semantic Textual Content of On-Line News Images. Lecture Notes in Computer Science, 2010, , 193-202.	1.0	2
74	i-JEN: Visual Interactive Malaysia Crime News Retrieval System. Lecture Notes in Computer Science, 2011, , 284-294.	1.0	2
75	Malay Anaphor and Antecedent Candidate Identification: A Proposed Solution. Lecture Notes in Computer Science, 2012, , 141-151.	1.0	2
76	XMIAR: X-ray Medical Image Annotation and Retrieval. Advances in Intelligent Systems and Computing, 2020, , 638-651.	0.5	2
77	Towards Building Semantic Rich Model for Web Documents Using Domain Ontology. , 0, , .		1
78	Evaluating the effectiveness of a pattern application support tool for novices. , 2010, , .		1
79	Semantic search in digital library semantic technology. , 2010, , .		1
80	A framework to the development of Islamic ontology: Symbiosis of thesaurus and domain expert in ontology development. , 2011, , .		1
81	Case-based diabetic dietary plan using memory organization packets. , 2012, , .		1
82	Linguistic Patterns-Based Translation for Natural Language Interface. , 2014, , .		1
83	BoWT: A Hybrid Text Representation Model for Improving Text Categorization Based on AdaBoost.MH. Lecture Notes in Computer Science, 2016, , 3-11.	1.0	1
84	The Excellent Center: Center for Artificial Intelligence Technology. Journal of Physics: Conference Series, 2019, 1235, 012114.	0.3	1
85	User-Centered Evaluation for IR: Ranking Annotated Document Algorithms. Communications in Computer and Information Science, 2011, , 306-312.	0.4	1
86	Defeasible Logic-Based Strategies to Regulate Facebook. Journal of Applied Sciences, 2014, 14, 2953-2966.	0.1	1
87	Defeasible Policy Language for Online Social Networks. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 736.	0.2	1
88	Using Ontology-Based Approach to Improved Information Retrieval Semantically for Historical Domain. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1130-1136.	0.2	1
89	Semantic Audiovisual Features in Video Scene Detection. , 2009, , .		0
90	Applying Zachman Framework to determine the content of semantic theses digital library. , 2010, , .		0

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91	A framework for semantic forum in e-learning education. , 2011, , .		0
92	Enhancing Multi-Aspect Collaborative Filtering for Personalized Recommendation. , 2018, , .		0
93	Linguistic-Based SPARQL Translation Model for Semantic Question Answering System. Advanced Science Letters, 2018, 24, 1375-1381.	0.2	0
94	Penentuan Fitur bagi Pengekstrakan Tajuk Berita Akhbar Bahasa Melayu (Determining Features of News) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	0
95	Penjanaan Ringkasan Isi Utama Berita Bahasa Melayu berdasarkan Ciri Kata (Generation of News) Tj ETQq1 1 0.784314 rgBT /Overlock 1 18, 42-60.	0.1	0
96	Short Text Computing Based on Lexical Similarity Model. Communications in Computer and Information Science, 2019, , 355-366.	0.4	0
97	CLASSIFICATION OF SHORT POSSESSIVE CLITIC PRONOUN NYA IN MALAY TEXT TO SUPPORT ANAPHOR CANDIDATE DETERMINATION. Journal of Information and Communication Technology, 0, 19, .	0.3	0