Nazlia Omar

List of Publications by Year
in descending order

69 papers	679 citations	759055 12 h-index	677027 22 g-index
73 all docs	73 docs citations	73 times ranked	505 citing authors

#	Article	IF	Citations
1	Question classification based on Bloom's taxonomy cognitive domain using modified TF-IDF and word2vec. PLoS ONE, 2020, 15, e0230442.	1.1	64
2	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
3	A Hybrid Rules and Statistical Method for Arabic to English Machine Translation. , 2019, , .		6
4	Extended Trigger Terms for Extracting Adverse Drug Reactions in Social Media Texts. Journal of Computer Science, 2019, 15, 873-879.	0.5	1
5	Incorporating noun compounds in distributional-based semantic representation approaches for measuring semantic relatedness. International Journal of Reasoning-based Intelligent Systems, 2019, 11, 11.	0.1	0
6	A Comparative Study Of Co-Occurrence Strategies for Building A Cross-Domain Sentiment Thesaurus. , 2019, , .		0
7	Bidirectional Feature Transfer for Cross-Domain Sentiment Analysis. , 2019, , .		1
8	Building Sense Tagged Corpus Using Wikipedia for Supervised Word Sense Disambiguation. Procedia Computer Science, 2018, 123, 403-412.	1.2	7
9	Semantic concept model using Wikipedia semantic features. Journal of Information Science, 2018, 44, 526-551.	2.0	6
10	Arabic senti-lexicon: Constructing publicly available language resources for Arabic sentiment analysis. Journal of Information Science, 2018, 44, 345-362.	2.0	64
11	Malay sentiment analysis based on combined classification approaches and Senti-lexicon algorithm. PLoS ONE, 2018, 13, e0194852.	1.1	29
12	Weighting-based semantic similarity measure based on topological parameters in semantic taxonomy. Natural Language Engineering, 2018, 24, 861-886.	2.1	4
13	Arabic Nested Noun Compound Extraction Based on Linguistic Features and Statistical Measures. GEMA Online Journal of Language Studies, 2018, 18, 93-107.	0.1	7
14	Approaches to Cross-Domain Sentiment Analysis: A Systematic Literature Review. IEEE Access, 2017, 5, 16173-16192.	2.6	90
15	Mapping Arabic WordNet synsets to Wikipedia articles using monolingual and bilingual features. Natural Language Engineering, 2017, 23, 53-91.	2.1	7
16	A Computational Model for Resolving Arabic Anaphora using Linguistic Criteria. Indian Journal of Science and Technology, 2017, 10, .	0.5	3
17	Minimally-Supervised Sentiment Lexicon Induction Model: A Case Study of Malay Sentiment Analysis. Lecture Notes in Computer Science, 2017, , 225-237.	1.0	5
18	Feature Selection for Multi-label Document Based on Wrapper Approach through Class Association Rules. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 642.	0.2	6

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19	Word sense disambiguation in evolutionary manner. Connection Science, 2016, 28, 226-241.	1.8	7
20	Reducing explicit semantic representation vectors using Latent Dirichlet Allocation. Knowledge-Based Systems, 2016, 100, 145-159.	4.0	13
21	Automatic Extraction Of Malay Compound Nouns Using A Hybrid Of Statistical And Machine Learning Methods. International Journal of Electrical and Computer Engineering, 2016, 6, 925.	0.5	3
22	Automatically Generating A Sentiment Lexicon For The Malay Language. Asia-Pacific Journal of Information Technology and Multimedia, 2016, 05, 49-59.	0.2	9
23	A Back Propagation Neural Network for Identifying Multi-Word Biomedical Named Entities. International Review on Computers and Software, 2016, 11, 682.	0.1	1
24	Integrating a Lexicon Based Approach and K Nearest Neighbour for Malay Sentiment Analysis. Journal of Computer Science, 2015, 11, 639-644.	0.5	13
25	A Hybrid Approach to Pronominal Anaphora Resolution in Arabic. Journal of Computer Science, 2015, 11, 764-771.	0.5	7
26	Efficacy of Arabic named-entity recognition. , 2015, , .		0
27	Evaluation of Lexical-Based Approaches to the Semantic Similarity of Malay Sentences. Journal of Quantitative Linguistics, 2015, 22, 135-156.	0.7	6
28	Harmony Search Algorithm for Word Sense Disambiguation. PLoS ONE, 2015, 10, e0136614.	1.1	12
29	A Comparison of Multi-label Feature Selection Methods Using the Algorithm Adaptation Approach. Lecture Notes in Computer Science, 2015, , 199-212.	1.0	3
30	Arabic Named Entity Recognition for Crime Documents Using Classifiers Combination. International Review on Computers and Software, 2015, 10, 628.	0.1	0
31	A Hybrid of Statistical and Machine Learning Methods for Arabic Keyphrase Extraction. Asian Journal of Applied Sciences, 2015, 8, 269-276.	0.4	0
32	The Effectiveness of a Jawi Stemmer for Retrieving Relevant Malay Documents in Jawi Characters. ACM Transactions on Asian Language Information Processing, 2014, 13, 1-21.	0.8	3
33	Automatic Arabic text summarization using clustering and keyphrase extraction. , 2014, , .		12
34	Arabic keyphrases extraction using a hybrid of statistical and machine learning methods. , 2014, , .		4
35	Drug-related crime information extraction and analysis. , 2014, , .		9
36	Study on feature selection and machine learning algorithms for Malay sentiment classification. , 2014, , .		17

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37	A COMPARATIVE STUDY OF COMBINED FEATURE SELECTION METHODS FOR ARABIC TEXT CLASSIFICATION. Journal of Computer Science, 2014, 10, 2232-2239.	0.5	14
38	A HYBRID METHOD USING LEXICON-BASED APPROACH AND NAIVE BAYES CLASSIFIER FOR ARABIC OPINION QUESTION ANSWERING. Journal of Computer Science, 2014, 10, 1961-1968.	0.5	16
39	Arabic machine translation: a survey. Artificial Intelligence Review, 2014, 42, 549-572.	9.7	38
40	The effectiveness of using the dependency relations approach in recognizing the head modifier for malay compound nouns. , 2014, , .		2
41	Evaluating Knowledge-Based Semantic Measures on Arabic. International Journal on Communications Antenna and Propagation, 2014, 4, 180.	0.2	5
42	Automatic Multi-Document Arabic Text Summarization Using Clustering and Keyphrase Extraction. Journal of Artificial Intelligence, 2014, 8, 1-9.	0.7	15
43	Extraction of Compound Nouns in Malay Noun Phrases Using a Noun Phrase Frame Structure. Asia-Pacific Journal of Information Technology and Multimedia, 2014, 03, 23-32.	0.2	2
44	A Machine Learning Approach to Anaphora Resolution in Arabic. International Review on Computers and Software, 2014, 9, 1956.	0.1	0
45	Measuring the Compositionality of Arabic Multiword Expressions. Communications in Computer and Information Science, 2013, , 245-256.	0.4	6
46	Construction of compound nouns (CNs) for noun phrase in Malay sentence. , 2012, , .		5
47	Design and Implementation of Blocks-Based Educational Courseware for Children with Learning Disabilities. Asian Journal of Information Technology, 2012, 11, 14-21.	0.0	0
48	A fundamental study on detecting head modifier noun phrases in Malay sentence. , 2011, , .		5
49	Statistical malay part-of-speech (POS) tagger using Hidden Markov approach. , 2011, , .		12
50	Improving Arabic Part-of-Speech Tagging through Morphological Analysis. Lecture Notes in Computer Science, 2011, , 317-326.	1.0	3
51	Statistical Malay Dependency Parser for Knowledge Acquisition Based on Word Dependency Relation. Procedia, Social and Behavioral Sciences, 2011, 27, 188-193.	0.5	0
52	Morphological analysis for rule based machine translation. , 2011, , .		4
53	Skolem preprocessing using WordNet and lexicon in building effective knowledge representation. , 2011, , .		0
54	Spelling error detector rule for Jawi stemmer. , 2011, , .		3

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55	Retrieving answers from multiple documents using semantic skolem indexing. , 2011, , .		2
56	Towards a question answering system based on precisiated natural language. , 2011, , .		1
57	Transformation of malay head modifier noun phrase into a thematic relation structure. , 2011, , .		3
58	Building Knowledge Representation for Multiple Documents Using Semantic Skolem Indexing. Communications in Computer and Information Science, 2011, , 225-231.	0.4	2
59	Semantic search in digital library semantic technology. , 2010, , .		1
60	Automatic Part of Speech Tagging for Arabic: An Experiment Using Bigram Hidden Markov Model. Lecture Notes in Computer Science, 2010, , 361-370.	1.0	26
61	Application of semantic technology in digital library. , 2010, , .		5
62	Ontology-Driven Semantic Digital Library. Lecture Notes in Computer Science, 2010, , 141-150.	1.0	4
63	Syntactic Reordering for Arabic- English Phrase-Based Machine Translation. Communications in Computer and Information Science, 2010, , 198-206.	0.4	8
64	Developing learning software for children with learning disabilities through Block-Based development approach. , 2009, , .		6
65	Classifiers combination to arabic morphosyntactic disambiguation. , 2009, , .		4
66	Keyphrase extraction for Islamic Knowledge ontology. , 2008, , .		10
67	Determining the basic elements of object oriented programming using natural language processing. , 2008, , .		2
68	SRL TOOL: Heuristics-based Semantic Role Labeling through natural language processing. , 2008, , .		2
69	Semantic Similarity Measures for Malay Sentences. , 2007, , 117-126.		12