Namita Mittal

List of Publications by Year
in descending order

77 papers	1,326 citations	623734 14 h-index	414414 32 g-index
83 all docs	83 docs citations	83 times ranked	1028 citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in human gait research: parameters, approaches, applications, machine learning techniques, datasets and challenges. Artificial Intelligence Review, 2018, 49, 1-40.	15.7	181
2	Using CNN for facial expression recognition: a study of the effects of kernel size and number of filters on accuracy. Visual Computer, 2020, 36, 405-412.	3.5	166
3	Sentiment Analysis Using Common-Sense and Context Information. Computational Intelligence and Neuroscience, 2015, 2015, 1-9.	1.7	131
4	Concept-Level Sentiment Analysis with Dependency-Based Semantic Parsing: A Novel Approach. Cognitive Computation, 2015, 7, 487-499.	5.2	109
5	Text Classification Using Machine Learning Methods-A Survey. Advances in Intelligent Systems and Computing, 2014, , 701-709.	0.6	46
6	Machine Learning Approach for Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2016, , 21-45.	0.3	46
7	Optimal Feature Selection for Sentiment Analysis. Lecture Notes in Computer Science, 2013, , 13-24.	1.3	45
8	Prominent feature extraction for review analysis: an empirical study. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 485-498.	2.8	44
9	Texture€based feature extraction of smear images for the detection of cervical cancer. IET Computer Vision, 2018, 12, 1049-1059.	2.0	37
10	Prominent Feature Extraction for Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2016, , .	0.3	34
11	Discourse Based Sentiment Analysis for Hindi Reviews. Lecture Notes in Computer Science, 2013, , 720-725.	1.3	28
12	Semantic Feature Clustering for Sentiment Analysis of English Reviews. IETE Journal of Research, 2014, 60, 414-422.	2.6	26
13	Image Sentiment Analysis Using Deep Learning. , 2018, , .		26
14	Enhancing Sentiment Classification Performance Using Bi-Tagged Phrases. , 2013, , .		22
15	Sentiment classification of review documents using phrase patterns. , 2013, , .		21
16	Identification of spatio-temporal and kinematics parameters for 2-D optical gait analysis system using passive markers. , 2015, , .		20
17	Semantic Orientation-Based Approach for Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2016, , 77-88.	0.3	20
18	Performance analysis of Gabor-Wavelet based features in classification of high grade malignant brain tumors. , 2015, , .		19

#	Article	IF	Citations
19	Modeling Indian General Elections: Sentiment Analysis of Political Twitter Data. Advances in Intelligent Systems and Computing, 2015, , 469-477.	0.6	16
20	Hybrid recommender system based on fuzzy clustering and collaborative filtering. , 2013, , .		14
21	Texture based feature extraction method forÂclassification of brain tumor MRI. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2807-2818.	1.4	14
22	Identification of gait parameters from silhouette images. , 2015, , .		13
23	Cross-Lingual Information Retrieval: A Dictionary-Based Query Translation Approach. Advances in Intelligent Systems and Computing, 2018, , 611-618.	0.6	13
24	Vision based Identification of Joint Coordinates for Marker-less Gait Analysis. Procedia Computer Science, 2018, 132, 68-75.	2.0	13
25	Cervical Cancer Detection Using Segmentation on Pap smear Images. , 2016, , .		12
26	Cross Lingual Information Retrieval (CLIR): Review of Tools, Challenges and Translation Approaches. Advances in Intelligent Systems and Computing, 2016, , 699-708.	0.6	12
27	Anatomy of Preprocessing of Big Data for Monolingual Corpora Paraphrase Extraction: Source Language Sentence Selection. Advances in Intelligent Systems and Computing, 2019, , 495-505.	0.6	11
28	Recommender System Framework Using Clustering and Collaborative Filtering. , 2010, , .		10
29	A framework for human recognition using a multimodel Gait analysis approach. , 2016, , .		10
30	Comparative Study for Brain Tumor Classification on MR/CT Images. Advances in Intelligent Systems and Computing, 2014, , 889-897.	0.6	10
31	Machine Learning Approaches for Sentiment Analysis. Advances in Data Mining and Database Management Book Series, 2014, , 193-208.	0.5	10
32	A Hybrid Approach of Personalized Web Information Retrieval. , 2010, , .		8
33	Sentiment Analysis Using ConceptNet Ontology and Context Information. A Practical Guide To Sentiment Analysis, 2016, , 63-75.	0.3	8
34	AVNM: A Voting based Novel Mathematical Rule for Image Classification. Computer Methods and Programs in Biomedicine, 2016, 137, 195-201.	4.7	7
35	Fuzzy Logic-Based Gait Phase Detection Using Passive Markers. Advances in Intelligent Systems and Computing, 2016, , 561-572.	0.6	7
36	Refined stop-words and morphological variants solutions applied to Hindi-English cross-lingual information retrieval. Journal of Intelligent and Fuzzy Systems, 2019, 36, 2219-2227.	1.4	7

#	Article	IF	Citations
37	Context-based Translation for the Out of Vocabulary Words Applied to Hindi-English Cross-Lingual Information Retrieval. IETE Technical Review (Institution of Electronics and Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock		
38	Evaluation of a hybrid approach of personalized web information retrieval using the FIRE data set. , 2010, , .		6
39	Brain tumor segmentation approaches: Review, analysis and anticipated solutions in machine learning. , 2015, , .		6
40	Exploiting Parallel Sentences and Cosine Similarity for Identifying Target Language Translation. Procedia Computer Science, 2016, 89, 428-433.	2.0	6
41	A Multimodel Approach for Schizophrenia Diagnosis using fMRI and sMRI Dataset. Advances in Intelligent Systems and Computing, 2016, , 869-877.	0.6	6
42	Exploiting Wikipedia API for Hindi-english Cross-language Information Retrieval. Procedia Computer Science, 2016, 89, 434-440.	2.0	5
43	A hybrid model for extraction of brain tumor in MR images. , 2013, , .		4
44	Comparative analysis of Background Subtraction techniques and applications. , 2016, , .		4
45	Sentiment Classification of Crisis Related Tweets using Segmentation. , 2016, , .		4
46	Prominent feature extraction for evidence gathering in question answering. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2923-2932.	1.4	4
47	Three segmentation techniques to predict the dysplasia in cervical cells in the presence of debris. Multimedia Tools and Applications, 2020, 79, 24157-24172.	3.9	4
48	CLAP: Closely link associated pixel based extraction of brain tumor in MR images. , 2014, , .		3
49	CLOM: Counting label occurrence matrix for feature extraction in MR images. , 2015, , .		3
50	Automated detection of human gait events from conventional videography. , 2016, , .		3
51	Exploring Bilingual Word Vectors for Hindi-English Cross-Language Information Retrieval. , 2016, , .		3
52	Disjoint Tree Based Clustering and Merging for Brain Tumor Extraction. Smart Innovation, Systems and Technologies, 2014, , 445-452.	0.6	3
53	Dynamic Query Expansion for Efficient Information Retrieval. , 2010, , .		2
54	Text and non-text region identification using texture and connected components. , 2014, , .		2

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55	Rake-Pmi Automated Keyphrase Extraction. , 2016, , .		2
56	Fuzzy-Based Classification for Cervical Dysplasia Using Smear Images. Advances in Intelligent Systems and Computing, 2018, , 441-449.	0.6	2
57	Semantic morphological variant selection and translation disambiguation for cross-lingual information retrieval. Multimedia Tools and Applications, 2023, 82, 8197-8212.	3.9	2
58	Named Entity Identification Based Translation Disambiguation Model. Lecture Notes in Computer Science, 2017, , 365-372.	1.3	2
59	Multiple instances based emotion detection using discriminant feature tracking. Journal of Statistics and Management Systems, 2018, 21, 647-659.	0.6	2
60	Machine Learning Approaches for Sentiment Analysis. , 0, , 1740-1756.		2
61	ACLIME: Automatic cluster identification and merging. , 2014, , .		1
62	Probabilistic mutual information based extraction of malignant brain tumors in MR images. , 2014, , .		1
63	Topic oriented semantic parsing. , 2015, , .		1
64	Tumor boundary extraction using intensity, texture and gradient vector. , 2015, , .		1
65	Classification of brain tumours Using Genetic Algorithms as a Feature Selection Method (GAFS). , 2016, , .		1
66	A Comparative Study of Online Resources for Extracting Target Language Translation. Advances in Intelligent Systems and Computing, 2018, , 95-101.	0.6	1
67	Cervical Cancer Detection Using Single Cell and Multiple Cell Histopathology Images. Communications in Computer and Information Science, 2019, , 205-215.	0.5	1
68	Machine Learning Approaches for Sentiment Analysis. , 2016, , 1917-1933.		1
69	Reconstruction of web forms for efficient web search. , 2009, , .		0
70	Semantic Parsing Using Dependency Rules. A Practical Guide To Sentiment Analysis, 2016, , 47-61.	0.3	0
71	Optimized Clustering Techniques for Gait Profiling in Children with Cerebral Palsy for Rehabilitation. Computer Journal, 0, , .	2.4	0
72	Automated Kinematic Analysis Using Holistic Based Human Gait Motion for Biomedical Applications. , 2018, , .		0

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73	Vision-Based Gender Recognition Using Hybrid Background Subtraction Technique. Communications in Computer and Information Science, 2018, , 651-662.	0.5	0
74	A Systematic Review of Deep Learning Approaches for Natural Language Processing in Battery Materials Domain. IETE Technical Review (Institution of Electronics and Telecommunication Engineers,)	2.2	0
75	Classification of Emotions from Images Using Localized Subsection Information. Communications in Computer and Information Science, 2017, , 562-571.	0.5	0
76	Feature Extraction for Token Based Word Alignment for Question Answering Systems. Computacion Y Sistemas, 2018, 22, .	0.3	0
77	An Improvement in Statistical Machine Translation in Perspective of Hindi-English Cross-Lingual Information Retrieval. Computacion Y Sistemas, 2018, 22, .	0.3	0