Sudeshna Sarkar

List of Publications by Year
in descending order

58 papers	850 citations	567281 15 h-index	580821 25 g-index
64 all docs	64 docs citations	64 times ranked	693 citing authors

#	ARTICLE	IF	CITATIONS
1	Ad-hoc platoon formation and dissolution strategies for multi-lane highways. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 161-173.	4.2	3
2	Application of artificial intelligence to predict moisture damage of hot-mix asphalt mixes. Proceedings of the Institution of Civil Engineers: Transport, 2021, 174, 197-206.	0.6	3
3	Machine-learning-based regional-scale groundwater level prediction using GRACE. Hydrogeology Journal, 2021, 29, 1027-1042.	2.1	25
4	Three decades of depth-dependent groundwater response to climate variability and human regime in the transboundary Indus-Ganges-Brahmaputra-Meghna mega river basin aquifers. Advances in Water Resources, 2021, 149, 103856.	3.8	29
5	Deep Learning-Based Forecasting of Groundwater Level Trends in India: Implications for Crop Production and Drinking Water Supply. ACS ES&T Engineering, 2021, 1, 965-977.	7.6	17
6	Transform, Combine, and Transfer. ACM Transactions on Asian and Low-Resource Language Information Processing, 2020, 19, 1-30.	2.0	0
7	The Impact of Flexible Platoon Formation Operations. IEEE Transactions on Intelligent Vehicles, 2020, 5, 229-239.	12.7	33
8	BIOINTMED: integrated biomedical knowledge base with ontologies and clinical trials. Medical and Biological Engineering and Computing, 2020, 58, 2339-2354.	2.8	1
9	A Survey of the Model Transfer Approaches to Cross-Lingual Dependency Parsing. ACM Transactions on Asian and Low-Resource Language Information Processing, 2020, 19, 1-60.	2.0	6
10	Using Satellite‐Based Vegetation Cover as Indicator of Groundwater Storage in Natural Vegetation Areas. Geophysical Research Letters, 2019, 46, 8082-8092.	4.0	35
11	Recommendation for Multi-stakeholders and through Neural Review Mining. , 2019, , .		4
12	Using Communities of Words Derived from Multilingual Word Vectors for Cross-Language Information Retrieval in Indian Languages. ACM Transactions on Asian and Low-Resource Language Information Processing, 2019, 18, 1-27.	2.0	6
13	Drug-Drug Interactions Prediction Based on Drug Embedding and Graph Auto-Encoder. , 2019, , .		17
14	Statistical downscaling of precipitation using long short-term memory recurrent neural networks. Theoretical and Applied Climatology, 2018, 134, 1179-1196.	2.8	45
15	Concept to code. , 2018, , .		4
16	Enhancing Neural Network Based Dependency Parsing Using Morphological Information for Hindi. Lecture Notes in Computer Science, 2018, , 366-377.	1.3	0
17	Recommendation of High Quality Representative Reviews in e-commerce. , 2017, , .		23
18	Product Recommendations Enhanced with Reviews. , 2017, , .		15

#	ARTICLE	IF	CITATIONS
19	Decision recommendation system for transporters in an online freight exchange platform. , 2017, , .		2
20	A deep learning based approach with adversarial regularization for Doppler weather radar ECHO prediction. , 2017, , .		8
21	Delexicalized transfer parsing for low-resource languages using transformed and combined treebanks. , 2017, , .		3
22	Using Word Embeddings for Query Translation for Hindi to English Cross Language Information Retrieval. Computacion Y Sistemas, 2016, 20, .	0.3	7
23	Early Prediction of Extreme Rainfall Events: A Deep Learning Approach. Lecture Notes in Computer Science, 2016, , 154-167.	1.3	15
24	Preference relations based unsupervised rank aggregation for metasearch. Expert Systems With Applications, 2016, 49, 86-98.	7.6	27
25	Identifying and Characterizing Truck Stops from GPS Data. Lecture Notes in Computer Science, 2016, , 168-182.	1.3	16
26	Assisting web document retrieval with topic identification in tourism domain. Web Intelligence, 2015, 13, 31-41.	0.2	4
27	Segmenting Highway Network Based on Speed Profiles. , 2015, , .		2
28	Improving Cross Language Information Retrieval Using Corpus Based Query Suggestion Approach. Lecture Notes in Computer Science, 2015, , 448-457.	1.3	4
29	Pattern based pruning of morphological alternatives of Bengali wordforms. , 2014, , .		2
30	A dependency annotation scheme for Bangla treebank. Language Resources and Evaluation, 2014, 48, 443-477.	2.7	6
31	RI for IR: Capturing Term Contexts Using Random Indexing for Comprehensive Information Retrieval. Lecture Notes in Computer Science, 2014, , 104-112.	1.3	1
32	A Mobility Simulation Framework Of Humans With Group Behavior Modeling. , 2013, , .		2
33	Query Expansion Using PRF-CBD Approach for Documents Retrieval. Lecture Notes in Computer Science, 2013, , 495-500.	1.3	0
34	A Pseudo-Relevance Feedback Based Method to Find Comprehensive Web Documents. Lecture Notes in Computer Science, 2013, , 355-366.	1.3	0
35	Preference Relation Based Matrix Factorization for Recommender Systems. Lecture Notes in Computer Science, 2012, , 63-75.	1.3	24
36	A comparative study on feature reduction approaches in Hindi and Bengali named entity recognition. Knowledge-Based Systems, 2012, 27, 322-332.	7.1	24

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37	Displacement Based Unsupervised Metric for Evaluating Rank Aggregation. Lecture Notes in Computer Science, 2011, , 268-273.	1.3	3
38	Prenominal Modifier Ordering in Bengali Text Generation. Lecture Notes in Computer Science, 2011, , 439-450.	1.3	0
39	A composite kernel for named entity recognition. Pattern Recognition Letters, 2010, 31, 1591-1597.	4.2	28
40	Aggregating preference graphs for collaborative rating prediction. , 2010, , .		15
41	Discourse marker generation and syntactic aggregation in Bengali text generation. , 2010, , .		3
42	Learning Age and Gender of Blogger from Stylistic Variation. Lecture Notes in Computer Science, 2009, , 205-212.	1.3	9
43	Feature selection techniques for maximum entropy based biomedical named entity recognition. Journal of Biomedical Informatics, 2009, 42, 905-911.	4.3	92
44	A personalized information retrieval module for retrieving learning materials. , 2009, , .		0
45	A comparative study of statistical features of language inblogs-vs-splogs. , 2008, , .		5
46	Shikshak: An Intelligent Tutoring System Authoring tool for rural education. , 2007, , .		15
47	Sanyog: A Speech Enabled Communication System for the Speech Impaired and People with Multiple Disorders. Journal of Technology in Human Services, 2007, 25, 177-180.	1.6	4
48	Samvidha: A ICT system for personalized offline Internet Access for rural schools. , 2007, , .		1
49	Tutorial 2: Search Engines in Indian Languages. , 2007, , .		0
50	Sahayika: A framework for participatory authoring of knowledge structures for education domain. , 2007, , .		1
51	Investigation and modeling of the structure of texting language. International Journal on Document Analysis and Recognition, 2007, 10, 157-174.	3.4	124
52	Automatic part-of-speech tagging for Bengali. , 2007, , .		42
53	A diachronic approach for schwa deletion in Indo Aryan languages. , 2004, , .		9
54	Computation of intraprocedural dynamic program slices. Information and Software Technology, 2003, 45, 499-512.	4.4	23

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55	An efficient dynamic program slicing technique. Information and Software Technology, 2002, 44, 123-132.	4.4	37
56	Web Site Personalization Using User Profile Information. Lecture Notes in Computer Science, 2002, , 510-513.	1.3	6
57	Learning for efficient search. Sadhana - Academy Proceedings in Engineering Sciences, 1996, 21, 291-315.	1.3	1
58	ABHIDHA: an extended WordNet for Indo Aryan languages. , 0, , .		1