

Santanu Phadikar

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,042
citations

759055

12
h-index

552653

26
g-index

76
all docs

76
docs citations

76
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel plant disease prediction model based on thermal images using modified deep convolutional neural network. Precision Agriculture, 2023, 24, 23-39.	3.1	6
2	Tsallia's Entropy-based Segmentation Method for Accurate Pigmented Skin Lesion Identification. IETE Journal of Research, 2022, 68, 743-759.	1.8	4
3	Automatic question generation and answer assessment for subjective examination. Cognitive Systems Research, 2022, 72, 14-22.	1.9	10
4	An efficient IDS in cloud environment using feature selection based on DM algorithm. Journal of Computer Virology and Hacking Techniques, 2022, 18, 243-258.	1.6	4
5	An efficient SGM based IDS in cloud environment. Computing (Vienna/New York), 2022, 104, 553-576.	3.2	4
6	An Artificial Intelligence-Based Approach Towards Segregation of Folk Songs. Advances in Intelligent Systems and Computing, 2021, , 133-143.	0.5	0
7	Automatic question generation and answer assessment: a survey. Research and Practice in Technology Enhanced Learning, 2021, 16, .	1.9	32
8	Can deep learning solve a preschool image understanding problem?. Neural Computing and Applications, 2021, 33, 14401.	3.2	2
9	Multiple-choice question generation with auto-generated distractors for computer-assisted educational assessment. Multimedia Tools and Applications, 2021, 80, 31907-31925.	2.6	6
10	A lazy learning-based language identification from speech using MFCC-2 features. International Journal of Machine Learning and Cybernetics, 2020, 11, 1-14.	2.3	35
11	Instrumentals/Songs Separation for Background Music Removal. Advances in Intelligent Systems and Computing, 2020, , 241-251.	0.5	1
12	Linear Predictive Coefficients-Based Feature to Identify Top-Seven Spoken Languages. International Journal of Pattern Recognition and Artificial Intelligence, 2020, 34, 2058006.	0.7	9
13	An adaptive resource placement policy by optimizing live VM migration for ITS applications in vehicular cloud network. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3827.	2.6	2
14	Enhancing live virtual machine migration process via optimized resource allocation in next generation mobile edge network: A hybrid evolutionary approach. International Journal of Communication Systems, 2020, 33, e4442.	1.6	3
15	Detection of DDoS Attack and Classification Using a Hybrid Approach. , 2020, , .		16
16	Distributed resource management in dew based edge to cloud computing ecosystem: A hybrid adaptive evolutionary approach. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4018.	2.6	5
17	Image-based features for speech signal classification. Multimedia Tools and Applications, 2020, 79, 34913-34929.	2.6	9
18	QoS aware distributed dynamic channel allocation for V2V communication in TVWS spectrum. Computer Networks, 2020, 171, 107126.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Music chord inversion shape identification with LSTM-RNN. <i>Procedia Computer Science</i> , 2020, 167, 607-615.	1.2	3
20	A Deep Learning Approach for the Classification of Rice Leaf Diseases. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 61-69.	0.5	28
21	A Recurrent Neural Network-Based Approach to Automatic Language Identification from Speech. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 441-450.	0.3	4
22	Visual Computing for Blast and Brown Spot Disease Detection in Rice Leaves. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 595-606.	0.3	3
23	MFCC-Based Bangla Vowel Phoneme Recognition from Micro Clips. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 511-519.	0.5	2
24	Deep Learning-Based Music Chord Family Identification. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 175-184.	0.5	1
25	Lazy Learning Based Segregation of Top-3 South Indian Languages with LSF-A Feature. <i>Communications in Computer and Information Science</i> , 2019, , 449-459.	0.4	1
26	SISU - A Speaker Identification System from Short Utterances. <i>Communications in Computer and Information Science</i> , 2019, , 438-448.	0.4	0
27	Performance of Classifiers on MFCC-Based Phoneme Recognition for Language Identification. <i>Communications in Computer and Information Science</i> , 2019, , 16-26.	0.4	0
28	Enhancing QoS in 5th generation Het-Net via synergistic TVWS spectrum sharing for distributed adaptive small cells. <i>Physical Communication</i> , 2019, 36, 100760.	1.2	5
29	Automatic generation of fill-in-the-blank question with corpus-based distractors for e-assessment to enhance learning. <i>Computer Applications in Engineering Education</i> , 2019, 27, 1485-1495.	2.2	12
30	Deep learning for spoken language identification: Can we visualize speech signal patterns?. <i>Neural Computing and Applications</i> , 2019, 31, 8483-8501.	3.2	22
31	State-of-the-art technologies in precision agriculture: a systematic review. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4878-4888.	1.7	96
32	CS-PSO based Intrusion Detection System in Cloud Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 261-269.	0.5	23
33	A Hybrid Task Scheduling Algorithm for Efficient Task Management in Multi-cloud Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 47-57.	0.5	2
34	Segregating Musical Chords for Automatic Music Transcription: A LSTM-RNN Approach. <i>Lecture Notes in Computer Science</i> , 2019, , 427-435.	1.0	2
35	An Ensemble Learning-Based Bangla Phoneme Recognition System Using LPCC-2 Features. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 61-69.	0.5	6
36	MISNA - A musical instrument segregation system from noisy audio with LPCC-S features and extreme learning. <i>Multimedia Tools and Applications</i> , 2018, 77, 27997-28022.	2.6	13

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37	Multi-objective optimization technique for resource allocation and task scheduling in vehicular cloud architecture: A hybrid adaptive nature inspired approach. Journal of Network and Computer Applications, 2018, 103, 58-84.	5.8	88
38	Segregation of Speech, Music and Instrumentals with LSF-RG features. , 2018, , .		0
39	Forensics-as-a-Service for Mobile Cloud Environment. , 2018, , .		1
40	Auction Based Spectrum Management in Cognitive Femtocell for Heterogeneous Network. , 2018, , .		1
41	A Cluster-Based Handoff for Vehicular Ad-hoc Network. , 2018, , .		2
42	PSO based Optimized Resource Allocation in three tier Cloud Architecture for VANET. , 2018, , .		5
43	Identification of top-3 spoken Indian languages: An Ensemble learning-based approach. , 2018, , .		4
44	A Dravidian Language Identification System. , 2018, , .		6
45	Importance of Thermal Features in the Evaluation of Bacterial Blight in Rice Plant. Communications in Computer and Information Science, 2018, , 300-313.	0.4	4
46	Line spectral frequency-based features and extreme learning machine for voice activity detection from audio signal. International Journal of Speech Technology, 2018, 21, 753-760.	1.4	46
47	A Novel System for Generating Simple Sentences from Complex and Compound Sentences. International Journal of Modern Education and Computer Science, 2018, 10, 57-64.	2.4	14
48	An Ensemble Learning Based Bangla Phoneme Identification System Using LSF-G Features. Advances in Intelligent Systems and Computing, 2018, , 207-215.	0.5	1
49	Segregation of Speech and Songs - A Precursor to Audio Interactive Applications. Communications in Computer and Information Science, 2018, , 42-49.	0.4	0
50	READâ€™A Bangla Phoneme Recognition System. Advances in Intelligent Systems and Computing, 2017, , 599-607.	0.5	7
51	Optimized secondary user selection for quality of service enhancement of Two-Tier multi-user Cognitive Radio Network: A game theoretic approach. Computer Networks, 2017, 123, 1-18.	3.2	26
52	Bengali Phonetics Identification Using Wavelet Based Signal Feature. Communications in Computer and Information Science, 2017, , 253-265.	0.4	1
53	RECAL â€™ A language identification system. , 2017, , .		10
54	IDS Using Reinforcement Learning Automata for Preserving Security in Cloud Environment. International Journal of Information System Modeling and Design, 2017, 8, 21-37.	0.9	11

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55	SMIL - A Musical Instrument Identification System. Communications in Computer and Information Science, 2017, , 129-140.	0.4	6
56	A Cloud Intrusion Detection System Using Novel PRFCM Clustering and KNN Based Dempster-Shafer Rule. International Journal of Cloud Applications and Computing, 2016, 6, 18-35.	1.1	7
57	REARC-a Bangla Phoneme recognizer. , 2016, , .		11
58	A fast hand off mechanism using RFID tags for vehicular adhoc network. , 2016, , .		1
59	Penalty-Reward Based Instance Selection Method in Cloud Environment Using the Concept of Nearest Neighbor. Procedia Computer Science, 2016, 89, 82-89.	1.2	5
60	Vegetation indices based segmentation for automatic classification of brown spot and blast diseases of rice. , 2016, , .		27
61	Modified segmentation algorithm based on Short Term Energy & Zero Crossing Rate for Maithili speech signal. , 2016, , .		5
62	Modified energy based method for word endpoints detection of continuous speech signal in real world environment. , 2015, , .		2
63	Automatic Segmentation of Spoken Word Signals into Letters Based on Amplitude Variation for Speech to Text Transcription. Advances in Intelligent Systems and Computing, 2015, , 621-628.	0.5	2
64	Rice diseases classification using feature selection and rule generation techniques. Computers and Electronics in Agriculture, 2013, 90, 76-85.	3.7	160
65	Region Identification of Infected Rice Images Using the Concept of Fermi Energy. Advances in Intelligent Systems and Computing, 2013, , 805-811.	0.5	3
66	Vegetative indices and edge texture based shadow elimination method for rice plant images. , 2012, , .		1
67	Misclassification and Cluster Validation Techniques for Feature Selection of Diseased Rice Plant Images. Advances in Intelligent and Soft Computing, 2012, , 137-144.	0.2	1
68	FEATURE SELECTION BY ATTRIBUTE CLUSTERING OF INFECTED RICE PLANT IMAGES. International Journal of Machine Intelligence, 2011, 3, 74-88.	0.3	9
69	Rice disease identification using pattern recognition techniques. , 2008, , .		182
70	Identifying language from songs. Multimedia Tools and Applications, 0, , 1.	2.6	0