

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 | Rice disease identification using pattern recognition techniques. , 2008, , . | | 182 |
| 2 | Rice diseases classification using feature selection and rule generation techniques. Computers and Electronics in Agriculture, 2013, 90, 76-85. | 3.7 | 160 |
| 3 | State-of-the-art technologies in precision agriculture: a systematic review. Journal of the Science of Food and Agriculture, 2019, 99, 4878-4888. | 1.7 | 96 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Automatic question generation and answer assessment: a survey. Research and Practice in Technology Enhanced Learning, 2021, 16, . | 1.9 | 32 |
| 8 | A Deep Learning Approach for the Classification of Rice Leaf Diseases. Advances in Intelligent Systems and Computing, 2020, , 61-69. | 0.5 | 28 |
| 9 | Vegetation indices based segmentation for automatic classification of brown spot and blast diseases of rice. , 2016, , . | | 27 |
| 10 | 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 |
| 11 | CS-PSO based Intrusion Detection System in Cloud Environment. Advances in Intelligent Systems and Computing, 2019, , 261-269. | 0.5 | 23 |
| 12 | Deep learning for spoken language identification: Can we visualize speech signal patterns?. Neural Computing and Applications, 2019, 31, 8483-8501. | 3.2 | 22 |
| 13 | Detection of DDoS Attack and Classification Using a Hybrid Approach. , 2020, , . | | 16 |
| 14 | 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 |
| 15 | MISNA - A musical instrument segregation system from noisy audio with LPCC-S features and extreme learning. Multimedia Tools and Applications, 2018, 77, 27997-28022. | 2.6 | 13 |
| 16 | Automatic generation of fill-in-the-blank question with corpus-based distractors for e-assessment to enhance learning. Computer Applications in Engineering Education, 2019, 27, 1485-1495. | 2.2 | 12 |
| 17 | REARC-a Bangla Phoneme recognizer. , 2016, , . | | 11 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | RECAL " A language identification system. , 2017, , . | | 10 |
| 20 | Automatic question generation and answer assessment for subjective examination. Cognitive Systems Research, 2022, 72, 14-22. | 1.9 | 10 |
| 21 | 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 |
| 22 | Image-based features for speech signal classification. Multimedia Tools and Applications, 2020, 79, 34913-34929. | 2.6 | 9 |
| 23 | FEATURE SELECTION BY ATTRIBUTE CLUSTERING OF INFECTED RICE PLANT IMAGES. International Journal of Machine Intelligence, 2011, 3, 74-88. | 0.3 | 9 |
| 24 | 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 |
| 25 | READ" A Bangla Phoneme Recognition System. Advances in Intelligent Systems and Computing, 2017, , 599-607. | 0.5 | 7 |
| 26 | QoS aware distributed dynamic channel allocation for V2V communication in TVWS spectrum. Computer Networks, 2020, 171, 107126. | 3.2 | 7 |
| 27 | An Ensemble Learning-Based Bangla Phoneme Recognition System Using LPCC-2 Features. Advances in Intelligent Systems and Computing, 2018, , 61-69. | 0.5 | 6 |
| 28 | A Dravidian Language Identification System. , 2018, , . | | 6 |
| 29 | Multiple-choice question generation with auto-generated distractors for computer-assisted educational assessment. Multimedia Tools and Applications, 2021, 80, 31907-31925. | 2.6 | 6 |
| 30 | SMIL - A Musical Instrument Identification System. Communications in Computer and Information Science, 2017, , 129-140. | 0.4 | 6 |
| 31 | 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 |
| 32 | 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 |
| 33 | Modified segmentation algorithm based on Short Term Energy & Zero Crossing Rate for Maithili speech signal. , 2016, , . | | 5 |
| 34 | PSO based Optimized Resource Allocation in three tier Cloud Architecture for VANET. , 2018, , . | | 5 |
| 35 | Enhancing QoS in 5th generation Het-Net via synergistic TVWS spectrum sharing for distributed adaptive small cells. Physical Communication, 2019, 36, 100760. | 1.2 | 5 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Identification of top-3 spoken Indian languages: An Ensemble learning-based approach. , 2018, , . | | 4 |
| 38 | 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 |
| 39 | Tsalliâ€™s Entropy-based Segmentation Method for Accurate Pigmented Skin Lesion Identification. IETE Journal of Research, 2022, 68, 743-759. | 1.8 | 4 |
| 40 | A Recurrent Neural Network-Based Approach to Automatic Language Identification from Speech. Lecture Notes in Electrical Engineering, 2020, , 441-450. | 0.3 | 4 |
| 41 | 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 |
| 42 | An efficient SGM based IDS in cloud environment. Computing (Vienna/New York), 2022, 104, 553-576. | 3.2 | 4 |
| 43 | Region Identification of Infected Rice Images Using the Concept of Fermi Energy. Advances in Intelligent Systems and Computing, 2013, , 805-811. | 0.5 | 3 |
| 44 | 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 |
| 45 | Music chord inversion shape identification with LSTM-RNN. Procedia Computer Science, 2020, 167, 607-615. | 1.2 | 3 |
| 46 | Visual Computing for Blast and Brown Spot Disease Detection in Rice Leaves. Lecture Notes in Electrical Engineering, 2020, , 595-606. | 0.3 | 3 |
| 47 | Modified energy based method for word endpoints detection of continuous speech signal in real world environment. , 2015, , . | | 2 |
| 48 | A Cluster-Based Handoff for Vehicular Ad-hoc Network. , 2018, , . | | 2 |
| 49 | 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 |
| 50 | Can deep learning solve a preschool image understanding problem?. Neural Computing and Applications, 2021, 33, 14401. | 3.2 | 2 |
| 51 | 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 |
| 52 | A Hybrid Task Scheduling Algorithm for Efficient Task Management in Multi-cloud Environment. Advances in Intelligent Systems and Computing, 2019, , 47-57. | 0.5 | 2 |
| 53 | Segregating Musical Chords for Automatic Music Transcription: A LSTM-RNN Approach. Lecture Notes in Computer Science, 2019, , 427-435. | 1.0 | 2 |
| 54 | MFCC-Based Bangla Vowel Phoneme Recognition from Micro Clips. Advances in Intelligent Systems and Computing, 2020, , 511-519. | 0.5 | 2 |

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|----|---|-----|-----------|
| 55 | Vegetative indices and edge texture based shadow elimination method for rice plant images. , 2012, , . | | 1 |
| 56 | A fast hand off mechanism using RFID tags for vehicular adhoc network. , 2016, , . | | 1 |
| 57 | Bengali Phonetics Identification Using Wavelet Based Signal Feature. Communications in Computer and Information Science, 2017, , 253-265. | 0.4 | 1 |
| 58 | Forensics-as-a-Service for Mobile Cloud Environment. , 2018, , . | | 1 |
| 59 | Auction Based Spectrum Management in Cognitive Femtocell for Heterogeneous Network. , 2018, , . | | 1 |
| 60 | Lazy Learning Based Segregation of Top-3 South Indian Languages with LSF-A Feature. Communications in Computer and Information Science, 2019, , 449-459. | 0.4 | 1 |
| 61 | Instrumentals/Songs Separation for Background Music Removal. Advances in Intelligent Systems and Computing, 2020, , 241-251. | 0.5 | 1 |
| 62 | 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 |
| 63 | An Ensemble Learning Based Bangla Phoneme Identification System Using LSF-G Features. Advances in Intelligent Systems and Computing, 2018, , 207-215. | 0.5 | 1 |
| 64 | Deep Learning-Based Music Chord Family Identification. Advances in Intelligent Systems and Computing, 2020, , 175-184. | 0.5 | 1 |
| 65 | Segregation of Speech, Music and Instrumentals with LSF-RG features. , 2018, , . | | 0 |
| 66 | SISU - A Speaker Identification System from Short Utterances. Communications in Computer and Information Science, 2019, , 438-448. | 0.4 | 0 |
| 67 | Performance of Classifiers on MFCC-Based Phoneme Recognition for Language Identification. Communications in Computer and Information Science, 2019, , 16-26. | 0.4 | 0 |
| 68 | An Artificial Intelligence-Based Approach Towards Segregation of Folk Songs. Advances in Intelligent Systems and Computing, 2021, , 133-143. | 0.5 | 0 |
| 69 | Identifying language from songs. Multimedia Tools and Applications, 0, , 1. | 2.6 | 0 |
| 70 | Segregation of Speech and Songs - A Precursor to Audio Interactive Applications. Communications in Computer and Information Science, 2018, , 42-49. | 0.4 | 0 |