

# Jyotsana Kumar Mandal

## List of Publications by Year in descending order

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213  
papers

1,374  
citations

567144

15  
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501076

28  
g-index

241  
all docs

241  
docs citations

241  
times ranked

855  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Estimation and Analysis of Change Detection, Forest Canopy Density, and Forest Fragmentation: A Case Study of the Indian Sundarbans. <i>Journal of Sustainable Forestry</i> , 2023, 42, 624-639.  | 0.6 | 1         |
| 2  | Design of 4Ånm MOSFET and its applications. <i>Microsystem Technologies</i> , 2022, 28, 477-484.  | 1.2 | 3         |
| 3  | Estimation of Sundarban Reserve Forest Using Self-organizing Maps and Remote Sensing Data. <i>Algorithms for Intelligent Systems</i> , 2022, , 211-222.   | 0.5 | 0         |
| 4  | A Markovian Analysis of Low Back Pain on Jute Mill Workers. <i>Lecture Notes in Networks and Systems</i> , 2022, , 221-232.   | 0.5 | 0         |
| 5  | Multispectral Satellite Image Classification Using Hybrid Convolution Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 541-550.   | 0.5 | 1         |
| 6  | Online Recommendation System Using Human Facial Expression Based Emotion Detection: A Proposed Method. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 459-468.  | 0.5 | 3         |
| 7  | A Deep Learning Based Image Steganalysis Using Gray Level Co-Occurrence Matrix. , 2022, , .   |     | 1         |
| 8  | Multicore implementation and performance analysis of a chaos based LSB steganography technique. <i>Microsystem Technologies</i> , 2021, 27, 4015-4025.  | 1.2 | 6         |
| 9  | A 10Ånm MOS and its applications. <i>Microsystem Technologies</i> , 2021, 27, 4059-4064.  | 1.2 | 1         |
| 10 | An enhanced block-based Compressed Sensing technique using orthogonal matching pursuit. <i>Signal, Image and Video Processing</i> , 2021, 15, 563-570.  | 1.7 | 2         |
| 11 | Product recommendation for e-commerce business by applying principal component analysis (PCA) and K-means clustering: benefit for the society. <i>Innovations in Systems and Software Engineering</i> , 2021, 17, 45-52.  | 1.6 | 26        |
| 12 | Neural Synchronization-Guided Concatenation of Header and Secret Shares for Secure Transmission of Patientsâ€™ Electronic Medical Record: Enhancing Telehealth Security for COVID-19. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 3301-3317. | 1.7 | 0         |
| 13 | Shared memory implementation and performance analysis of LSB steganography based on chaotic tent map. <i>Innovations in Systems and Software Engineering</i> , 2021, 17, 333.   | 1.6 | 6         |
| 14 | Change Detection and Patch Analysis of Sundarban Forest During 1975â€“2018 Using Remote Sensing and GIS Data. <i>SN Computer Science</i> , 2021, 2, 1.  | 2.3 | 6         |
| 15 | Detection and Prediction of Sundarban Reserve Forest using the CA-Markov Chain Model and Remote Sensing Data. <i>Earth Science Informatics</i> , 2021, 14, 1503-1520.   | 1.6 | 12        |
| 16 | A multi-scale agent-based model for avascular tumour growth. <i>BioSystems</i> , 2021, 206, 104450.   | 0.9 | 5         |
| 17 | A novel wide & deep transfer learning stacked GRU framework for network intrusion detection. <i>Journal of Information Security and Applications</i> , 2021, 61, 102899.  | 1.8 | 28        |
| 18 | Low back pain expert systems: Clinical resolution through probabilistic considerations and poset. <i>Artificial Intelligence in Medicine</i> , 2021, 120, 102163.   | 3.8 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Urban Growth Prediction of Kolkata City Using SLEUTH Model. Studies in Autonomic, Data-driven and Industrial Computing, 2021, , 139-149.  | 0.4 | 0         |
| 20 | Materialized View Driven Architecture over Lattice of Cuboids in Data Warehouse. , 2021, , .  |     | 0         |
| 21 | Implementation of Real-Time Virtual Dressing Room Using Microsoft Kinect SDK and Supervised Learning. Advances in Intelligent Systems and Computing, 2021, , 13-23.                     | 0.5 | 0         |
| 22 | Secured hand sacking based two phase data concealing architecture in spectral domain. Microsystem Technologies, 2020, 26, 3173-3187.  | 1.2 | 2         |
| 23 | Forest Cover Change Analysis in Sundarban Delta Using Remote Sensing Data and GIS. Studies in Computational Intelligence, 2020, , 85-101.   | 0.7 | 8         |
| 24 | Rough set based lattice structure for knowledge representation in medical expert systems: Low back pain management case study. Expert Systems With Applications, 2020, 145, 113084.     | 4.4 | 19        |
| 25 | Medical expert system for low back pain management: design issues and conflict resolution with Bayesian network. Medical and Biological Engineering and Computing, 2020, 58, 2737-2756. | 1.6 | 6         |
| 26 | A Dynamic Threshold-Based Trust-Oriented Intrusion Detection System in MANET. Advances in Intelligent Systems and Computing, 2020, , 699-711.   | 0.5 | 3         |
| 27 | Special issue on software solutions for contemporary applications. Innovations in Systems and Software Engineering, 2020, 16, 1-1.  | 1.6 | 2         |
| 28 | Saliency detection via outlier pursuit in compress domain (SDOPCD). Microsystem Technologies, 2020, , 1.  | 1.2 | 0         |
| 29 | State of the Art in Transform Encoding for Reversible Steganography and Authentication. Studies in Computational Intelligence, 2020, , 19-26.   | 0.7 | 2         |
| 30 | Urban Change Detection Analysis during 1978â€”2017 at Kolkata, India, using Multi-temporal Satellite Data. Journal of the Indian Society of Remote Sensing, 2020, 48, 1535-1554.        | 1.2 | 15        |
| 31 | Mining Userâ€™s Data Based on Customerâ€™s Rating for Prediction and Recommendationâ€™A Comparative Analysis. Lecture Notes in Networks and Systems, 2020, , 109-121.                   | 0.5 | 1         |
| 32 | Reversible Encoding in Spatial and Spectral Domain. Studies in Computational Intelligence, 2020, , 27-62.   | 0.7 | 0         |
| 33 | Lattice-Based Fuzzy Medical Expert System for Management of Low Back Pain: A Preliminary Design. Advances in Intelligent Systems and Computing, 2020, , 119-129.                        | 0.5 | 0         |
| 34 | Discrete Cosine Transformation-Based Reversible Encoding. Studies in Computational Intelligence, 2020, , 99-128.  | 0.7 | 0         |
| 35 | Metrics of Evaluation for Steganography and Authentication. Studies in Computational Intelligence, 2020, , 299-310.   | 0.7 | 0         |
| 36 | Z-Transform-Based Reversible Encoding. Studies in Computational Intelligence, 2020, , 157-195.  | 0.7 | 1         |

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|----|---|-----|-----------|
| 37 | Breast Cancer Prediction Using Stacked GRU-LSTM-BRNN. Applied Computer Science, 2020, 25, 163-171.  | 0.3 | 6         |
| 38 | Performance Analysis of AntHocNet Based on NS2. Lecture Notes in Networks and Systems, 2020, , 45-54.   | 0.5 | 0         |
| 39 | Reversible Transform Encoding via Discrete Binomial Transformation. Studies in Computational Intelligence, 2020, , 197-211.   | 0.7 | 1         |
| 40 | Deep Learning-Based Lossless Audio Encoder (DLLAE). Advances in Intelligent Systems and Computing, 2020, , 91-101.  | 0.5 | 2         |
| 41 | Wavelet-Based Reversible Transform Encoding. Studies in Computational Intelligence, 2020, , 129-155.  | 0.7 | 0         |
| 42 | Analysis and Comparisons of Performances on Different Transform Encoding Techniques. Studies in Computational Intelligence, 2020, , 311-313.  | 0.7 | 0         |
| 43 | Discrete Fourier Transform-Based Steganography. Studies in Computational Intelligence, 2020, , 63-98.   | 0.7 | 2         |
| 44 | Reversible Transform Encoding Using Grouplet Transformation. Studies in Computational Intelligence, 2020, , 213-278.  | 0.7 | 0         |
| 45 | Managing Tasks in Confidence Based Learning Using K-ary Tree. Advances in Intelligent Systems and Computing, 2020, , 12-20.   | 0.5 | 2         |
| 46 | Design Considerations of a Medical Expert System for Differential Diagnosis of Low Back Pain (ESLBP). Advances in Intelligent Systems and Computing, 2020, , 425-437.                           | 0.5 | 0         |
| 47 | Deep Convolutional Neural Network Based Facial Keypoints Detection. Communications in Computer and Information Science, 2019, , 47-56.  | 0.4 | 0         |
| 48 | Gray Hole Attack Analysis in AODV Based Mobile Adhoc Network with Reliability Metric. , 2019, , .   |     | 1         |
| 49 | Design of Cryptographic model for End-to-End Encryption in FPGA based systems. , 2019, , .  |     | 11        |
| 50 | Special Issue on the 3rd International Conference Microelectronics, Circuits and Systems (Micro) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 2  | 1.2 | 0         |
| 51 | Special Issue on the 2nd International Conference Devices for Integrated Circuits (DevIC-2017). Microsystem Technologies, 2019, 25, 1853-1853.  | 1.2 | 0         |
| 52 | Sensor node assisted DTN for a post-disaster scenario. , 2019, , .  |     | 0         |
| 53 | An approach for deployment of BRS in software-defined network. Innovations in Systems and Software Engineering, 2019, 15, 355-361.  | 1.6 | 0         |
| 54 | Computational Intelligence Based Neural Session Key Generation on E-Health System for Ischemic Heart Disease Information Sharing. Advances in Intelligent Systems and Computing, 2019, , 23-30. | 0.5 | 6         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Product Recommendation for E-Commerce Data Using Association Rule and Apriori Algorithm. Advances in Intelligent Systems and Computing, 2019, , 585-593.  | 0.5 | 4         |
| 56 | An FPGA based non-feistel block cipher through recursive substitutions of bits on prime-nonprime detection of sub-stream (RSBPND). Microsystem Technologies, 2019, 25, 1679-1687.                                       | 1.2 | 2         |
| 57 | On the use of the Stirling Transform in image steganography. Journal of Information Security and Applications, 2019, 46, 320-330.   | 1.8 | 9         |
| 58 | An FPGA based cascaded CBC block cipher through RSPNC and TE. Microsystem Technologies, 2019, 25, 1669-1677.  | 1.2 | 0         |
| 59 | Shared Memory Implementation and Scalability Analysis of Recursive Positional Substitution Based on Prime-Non Prime Encryption Technique. Communications in Computer and Information Science, 2019, , 441-449.          | 0.4 | 2         |
| 60 | Authentication Based on Nonlinear Dynamics. Advances in Intelligent Systems and Computing, 2019, , 3-9.   | 0.5 | 0         |
| 61 | Comparative Performance Analysis of DTN Routing Protocols in Multiple Post-disaster Situations. Advances in Intelligent Systems and Computing, 2019, , 199-209.   | 0.5 | 0         |
| 62 | Product Prediction and Recommendation in Sustainable E-Commerce Using Association Rule Mining and K-Means Clustering. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 254-266.        | 0.3 | 0         |
| 63 | CTMR-collaborative time-stamp based multicast routing for delay tolerant networks in post disaster scenario. Peer-to-Peer Networking and Applications, 2018, 11, 162-180.   | 2.6 | 4         |
| 64 | Effect of Black Hole Attack on MANET Reliability in DSR Routing Protocol. Advances in Intelligent Systems and Computing, 2018, , 275-283.   | 0.5 | 4         |
| 65 | Modelling of 6nm MOS and CMOS. , 2018, , .  |     | 3         |
| 66 | Impact of black hole attack on reliability of mobile ad hoc network under DSDV routing protocol. International Journal of Systems, Control and Communications, 2018, 9, 20.   | 0.2 | 3         |
| 67 | High payload image steganography based on Laplacian of Gaussian (LoG) edge detector. Multimedia Tools and Applications, 2018, 77, 30403-30418.  | 2.6 | 35        |
| 68 | Improved exploiting modification direction-based steganography using dynamic weightage array. Electronics Letters, 2018, 54, 498-500.   | 0.5 | 8         |
| 69 | A Novel Approach for Product Prediction Using Artificial Neural Networks. Communications in Computer and Information Science, 2018, , 682-691.  | 0.4 | 5         |
| 70 | An Approach Towards Design and Analysis of a New Block Cipher Based Cryptographic System Using Modular Encryption and Decryption Technique (MEDT). Communications in Computer and Information Science, 2018, , 573-583. | 0.4 | 1         |
| 71 | Energy Efficient Secured Sharing of Intraoral Gingival Information in Digital Way (EESS-IGI). Communications in Computer and Information Science, 2018, , 584-599.  | 0.4 | 1         |
| 72 | Extending Lifetime of a Network by Load Sharing in AODV Routing Protocol. Communications in Computer and Information Science, 2018, , 107-112.  | 0.4 | 0         |

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|----|--|-----|-----------|
| 73 | Impact of black hole attack on reliability of mobile ad hoc network under DSDV routing protocol. International Journal of Systems, Control and Communications, 2018, 9, 20.                                | 0.2 | 1         |
| 74 | Special issue on International Conference on Microelectronics, Circuits and Systems (Micro 2015), held in Kolkata, India, July, 11 <sup>th</sup> -12, 2015. Microsystem Technologies, 2017, 23, 4035-4035. | 1.2 | 0         |
| 75 | High Entropy and Avalanche Based Non-Feistel Cascaded CFB Block Cipher Through RSBPNDs and TE. Communications in Computer and Information Science, 2017, , 485-494.  | 0.4 | 2         |
| 76 | A Hybrid PSO-Fuzzy Based Algorithm for Clustering Indian Stock Market Data. Communications in Computer and Information Science, 2017, , 475-487.   | 0.4 | 2         |
| 77 | A Novel Automated Assessment Technique in e-Learning Using Short Answer Type Questions. Communications in Computer and Information Science, 2017, , 141-149.   | 0.4 | 3         |
| 78 | Two dimensional assessment technique for CBL. , 2016, , .  |     | 7         |
| 79 | A novel Learning Object framework for Confidence Based Learning. , 2016, , .   |     | 2         |
| 80 | Special Issue on Micro-2014, 1st International Conference on Microelectronics, Circuits and Systems, Kolkata, India, July 2014. Microsystem Technologies, 2016, 22, 2601-2601.                             | 1.2 | 0         |
| 81 | Efficiency of adaptive fractal image compression with archetype classification and its modifications. International Journal of Computers and Applications, 2016, 38, 156-163.                              | 0.8 | 1         |
| 82 | Activity recognition system using inbuilt sensors of smart mobile phone and minimizing feature vectors. Microsystem Technologies, 2016, 22, 2715-2722.   | 1.2 | 20        |
| 83 | DirMove: direction of movement based routing in DTN architecture for post-disaster scenario. Wireless Networks, 2016, 22, 723-740.   | 2.0 | 18        |
| 84 | Variable Length PSO-Based Image Clustering for Image Denoising. Advances in Computational Intelligence and Robotics Book Series, 2016, , 294-320.  | 0.4 | 2         |
| 85 | Clustering of Noisy Regions (CNR) – A GIS Anchored Technique for Clustering on Raster Map. Advances in Intelligent Systems and Computing, 2016, , 511-520.   | 0.5 | 2         |
| 86 | An Approach for Creating Framework for Automated Question Generation from Instructional Objective. Advances in Intelligent Systems and Computing, 2016, , 527-535.   | 0.5 | 1         |
| 87 | Compact Coalescence Clustering Algorithm (C3A) – A GIS Anchored Approach of Clustering Discrete Points. Advances in Intelligent Systems and Computing, 2016, , 515-523.                                    | 0.5 | 0         |
| 88 | Reliability Analysis of Mobile Ad Hoc Network. , 2015, , .   |     | 6         |
| 89 | Image denoising based on sub-image restoration through threshold optimisation. International Journal of Computational Intelligence Studies, 2015, 4, 288.  | 0.3 | 0         |
| 90 | Fractal image compression with adaptive quadtree partitioning and archetype classification. , 2015, , .  |     | 5         |

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|-----|--|-----|-----------|
| 91  | The CRYPSTER: A private key Crypto system. , 2015, , .   |     | 4         |
| 92  | A fuzzy Markovian model for graph-based clustering. International Journal of Computational Systems Engineering, 2015, 2, 98.   | 0.2 | 0         |
| 93  | Hopfield Network Based Neural Key Generation for Wireless Communication (HNBKNG). Advances in Intelligent Systems and Computing, 2015, , 217-224.  | 0.5 | 0         |
| 94  | Comparative Analysis of Tree Parity Machine and Double Hidden Layer Perceptron Based Session Key Exchange in Wireless Communication. Advances in Intelligent Systems and Computing, 2015, , 53-61. | 0.5 | 2         |
| 95  | Fractal image compression with quadtree partitioning and a new fast classification strategy. , 2015, , .   |     | 6         |
| 96  | Directional Multi-scaled Fusion Based Median Filter for Removal of RVIN. Smart Innovation, Systems and Technologies, 2015, , 637-646.  | 0.5 | 1         |
| 97  | Windowed Huffman Coding with Limited Distinct Symbols by Least Recently Used Symbol Removable. Advances in Intelligent Systems and Computing, 2015, , 489-494.                                     | 0.5 | 1         |
| 98  | Image Authentication in Frequency Domain through G-Let Dihedral Group (IAFD-D3). Advances in Intelligent Systems and Computing, 2015, , 145-152.   | 0.5 | 0         |
| 99  | A GIS Anchored System for Clustering Discrete Data Points “ A Connected Graph Based Approach. Advances in Intelligent Systems and Computing, 2015, , 43-51.  | 0.5 | 1         |
| 100 | Particle Swarm Optimization-Based Session Key Generation for Wireless Communication (PSOSKG). Advances in Computational Intelligence and Robotics Book Series, 2015, , 640-677.                    | 0.4 | 0         |
| 101 | Neuro-key Generation Based on HEBB Network for Wireless Communication. Advances in Intelligent Systems and Computing, 2015, , 197-205.   | 0.5 | 0         |
| 102 | A Novel Spectral Clustering based on Local Distribution. International Journal of Electrical and Computer Engineering, 2015, 5, 361.   | 0.5 | 1         |
| 103 | A threshold based Directional Weighted Median Filter for Removal of Random Impulses in thermal images. , 2014, , .   |     | 5         |
| 104 | Preventing node replication attack in static Wireless Sensor Networks. , 2014, , .   |     | 4         |
| 105 | Adaptive Partial Image Encryption Technique Based on Chaotic Map. , 2014, , .  |     | 0         |
| 106 | A Co-operative Approach to Thwart Selfish and Black-Hole Attacks in DTN for Post Disaster Scenario. , 2014, , .  |     | 10        |
| 107 | A Wavelet Transform Based Image Authentication Approach Using Genetic Algorithm (AWTIAGA). Advances in Intelligent Systems and Computing, 2014, , 251-258.   | 0.5 | 1         |
| 108 | A Fuzzy Switching Median Filter of Impulses in Digital Imagery (FSMF). Circuits, Systems, and Signal Processing, 2014, 33, 2193-2216.  | 1.2 | 8         |

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| 109 | Reliability computation of mobile Ad-Hoc network using logistic regression. , 2014, , .   |     | 7         |
| 110 | Binomial transform based fragile watermarking for image authentication. Journal of Information Security and Applications, 2014, 19, 272-281.  | 1.8 | 24        |
| 111 | Fractal image compression using Fast Context Independent HV partitioning scheme and MRBH, MRBHM coding. , 2014, , .   |     | 2         |
| 112 | A Framework of Secured and Bio-Inspired Image Steganography Using Chaotic Encryption with Genetic Algorithm Optimization (CEGAO). Advances in Intelligent Systems and Computing, 2014, , 271-280.                             | 0.5 | 4         |
| 113 | Fractal image compression by using loss-less encoding on the parameters of affine transforms. , 2014, , .   |     | 2         |
| 114 | A genetic-algorithm-based steganography on colour images (GASCI). International Journal of Signal and Imaging Systems Engineering, 2014, 7, 59.   | 0.6 | 0         |
| 115 | Secured Transmission through Multi Layer Perceptron in Wireless Communication (STMLP). International Journal of Mobile Network Communications & Telematics, 2014, 4, 1-16.  | 0.3 | 2         |
| 116 | Color Image Authentication through Visible Patterns (CAV). Advances in Intelligent Systems and Computing, 2014, , 617-625.  | 0.5 | 0         |
| 117 | Unique Key Based Authentication of Song Signal through DCT Transform (UKASDT). Advances in Intelligent Systems and Computing, 2014, , 567-575.  | 0.5 | 0         |
| 118 | Complete Binary Tree Architecture Based Triple Layer Perceptron Synchronized Group Session Key Exchange and Authentication in Wireless Communication (CBTLP). Advances in Intelligent Systems and Computing, 2014, , 609-615. | 0.5 | 0         |
| 119 | A GIS Anchored System for Selection of Utility Service Stations through Hierarchical Clustering. Procedia Technology, 2013, 10, 762-772.  | 1.1 | 4         |
| 120 | Time Efficient Optimal Tunning through Various Learning Rules in Unify Computing (TEOTLRUC). Procedia Technology, 2013, 10, 474-481.  | 1.1 | 0         |
| 121 | Stirling Transform based Color Image Authentication. Procedia Technology, 2013, 10, 95-104.   | 1.1 | 3         |
| 122 | A Novel Selective Scale Space based Fuzzy C-means Model for Spatial Clustering. Procedia Technology, 2013, 10, 596-603.   | 1.1 | 2         |
| 123 | Wavelet based Denoising of Medical Images Using Sub-band Adaptive Thresholding through Genetic Algorithm. Procedia Technology, 2013, 10, 680-689.   | 1.1 | 32        |
| 124 | A Genetic Algorithm (GA) based Load Balancing Strategy for Cloud Computing. Procedia Technology, 2013, 10, 340-347.   | 1.1 | 253       |
| 125 | Denoising of digital images through PSO based pixel classification. Open Computer Science, 2013, 3, .   | 1.3 | 3         |
| 126 | G-Let Based Authentication/Secret Message Transmission (GASMT). , 2013, , .   |     | 1         |



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| 127 | QoS of MANet Through Trust based AODV Routing Protocol by Exclusion of Black Hole Attack. Procedia Technology, 2013, 10, 530-537.  | 1.1 | 45        |
| 128 | Preservation of IPR of Songs through Embedding Secret Song (IPRSESS). Procedia Technology, 2013, 10, 978-986.  | 1.1 | 0         |
| 129 | Detection of Blackhole Behaviour Using Triangular Encryption in NS2. Procedia Technology, 2013, 10, 524-529.   | 1.1 | 11        |
| 130 | Securing Message Using Recursive Modulo-2 and Key Rotation Operation (RMRO). Procedia Technology, 2013, 10, 935-941.   | 1.1 | 2         |
| 131 | A Genetic Algorithm based Steganography Using Discrete Cosine Transformation (GASDCT). Procedia Technology, 2013, 10, 105-111.   | 1.1 | 41        |
| 132 | Computational Intelligence based Triple Layer Perceptron Model Coordinated PSO Guided Metamorphosed based Application in Cryptographic Technique for Secured Communication (TLPPSO). Procedia Technology, 2013, 10, 433-442.                           | 1.1 | 1         |
| 133 | Authentication Through Hough Transformation Generated Signature on G-Let D3 Domain (AHSG). Procedia Technology, 2013, 10, 121-130.   | 1.1 | 10        |
| 134 | Modified Compression Techniques Based on Optimality of LZW Code (MOLZW). Procedia Technology, 2013, 10, 949-956.   | 1.1 | 13        |
| 135 | Double Layer Perceptron Synchronized Computational Intelligence Guided Fractal Triangle Based Cryptographic Technique for Secured Communication (DLPFT)., 2013, , .  |     | 0         |
| 136 | Computational Intelligence Based Simulated Annealing Guided Key Generation In Wireless Communication (CISAKG). International Journal on Information Theory, 2013, 2, 35-44.  | 0.5 | 1         |
| 137 | Genetic Algorithm Guided Key Generation in Wireless Communication (GAKG). International Journal on Cybernetics & Informatics, 2013, 2, 9-17.   | 0.1 | 1         |
| 138 | Separable Discrete Hartley Transform Based Invisible Watermarking for Color Image Authentication (SDHTIWCA). Advances in Intelligent Systems and Computing, 2013, , 767-776.   | 0.5 | 8         |
| 139 | Invisible Image Watermarking Using Z Transforms (IIWZT). Advances in Intelligent Systems and Computing, 2013, , 797-804.   | 0.5 | 1         |
| 140 | A Novel Genetic Algorithm Based Data Embedding Technique in Frequency Domain Using Z Transform (ANGAFDZT). Advances in Intelligent Systems and Computing, 2013, , 885-893.   | 0.5 | 2         |
| 141 | Adaptive Median Filtering Based on Unsupervised Classification of Pixels. , 2013, , 273-296.   |     | 3         |
| 142 | Fractal Image Compression with Adaptive Quardtree Partitioning. , 2013, , .  |     | 5         |
| 143 | Efficiency and Capability of Fractal Image Compression with Adaptive Quardtree Partitioning. International Journal of Multimedia and Its Applications, 2013, 5, 53-66.   | 0.1 | 6         |
| 144 | Group Session Key Exchange Multilayer Perceptron Based Simulated Annealing Guided Automata and Comparison Based Metamorphosed Encryption in Wireless Communication (GSMLPSA). International Journal of Wireless and Mobile Networks, 2013, 5, 203-222. | 0.1 | 1         |

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|-----|--|-----|-----------|
| 163 | A Novel DFT Based Information Embedding for Color Image Authentication (DFTIECIA). Advances in Intelligent Systems and Computing, 2012, , 763-772.                     | 0.5 | 0         |
| 164 | A Relaxed Parzen Window Based Multifeatured Fuzzy-GIS Model to Forecast Facility Locations (RPWMFGISFFL). Advances in Intelligent and Soft Computing, 2012, , 623-630. | 0.2 | 0         |
| 165 | A Novel Invisible Watermarking Based on Cascaded PVD Integrated LSB Technique. Communications in Computer and Information Science, 2012, , 262-268.                    | 0.4 | 5         |
| 166 | An adaptive genetic key based neural encryption for online wireless communication (AGKNE). , 2011, , .   |     | 11        |
| 167 | Generation and fabrication of authenticated song signal through preserving balance ratio of song's components (BRSAS). , 2011, , .                                     |     | 2         |
| 168 | A Novel Fuzzy-GIS Model Based on Delaunay Triangulation to Forecast Facility Locations (FGISFFL). , 2011, , .  |     | 1         |
| 169 | A Data-Hiding Scheme for Digital Image Using Pixel Value Differencing (DHPVD). , 2011, , .   |     | 6         |
| 170 | Constant aspect ratio based (2, 2) visual cryptography through meaningful shares (CARVCMS). , 2011, , .  |     | 2         |
| 171 | Steganographic Technique Based on Minimum Deviation of Fidelity (STMDF). , 2011, , .   |     | 18        |
| 172 | Image Authentication Using Hough Transform Generated Self Signature in DCT Based Frequency Domain (IAHTSSDCT). , 2011, , .   |     | 2         |
| 173 | A Novel Technique for Secret Communication through Optimal Shares Using Visual Cryptography (SCOSVC). , 2011, , .  |     | 5         |
| 174 | Edge preserving restoration of random valued impulse noises (EPRRVIN). , 2011, , .   |     | 4         |
| 175 | Song authentication technique through concealment of secret song (SATCon). , 2011, , .   |     | 3         |
| 176 | Key based bit level genetic cryptographic technique (KBGCT). , 2011, , .   |     | 10        |
| 177 | Controlled Data Hiding Technique for Color Image Authentication in Frequency Domain (CDHTCIAFD). , 2011, , .   |     | 2         |
| 178 | A steganographic scheme for colour image authentication (SSCIA). , 2011, , .   |     | 11        |
| 179 | A Genetic Algorithm based steganography in frequency domain (GASFD). , 2011, , .   |     | 9         |
| 180 | A Novel Variable Mask Median Filter for Removal of Random Valued Impulses in Digital Images (VMM). , 2011, , .   |     | 4         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | Secret image / message transmission through meaningful shares using (2, 2) visual cryptography (SITMSVC)., 2011, , .  |     | 6         |
| 182 | An Adaptive Neural Network guided Random Block Length based Cryptosystem for online wireless communication (ANNRBLC)., 2011, , .  |     | 3         |
| 183 | An adaptive neural network guided secret key based encryption through recursive positional modulo-2 substitution for online wireless communication (ANNRPMS)., 2011, , .                              |     | 11        |
| 184 | Authentication of images through non convoluted DCT (AINCDCT)., 2011, , .   |     | 4         |
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