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List of Publications - International

Saravanan S and Sudhakar P, "Analysis of mobile internet speed, signal strength and FMDH antenna design for improved internet speed.", *Journal of Super Computing*, Volume 76, Number 6, Jun 2020, pp. 4449-4475. 10.1007/s11227-018-2382-x, .

Malathi S and Sudhakar P, "Develop and Implement of FODA tool for Refactoring and Reusability of a Software.", *International Journal of Scientific Research and Review*, Volume 8, Number 3, Mar 2019, pp. 553-558. 2019.

Malathi S and Sudhakar P, "Reusability of a Legacy Software System Model.", *Journal of Applied Science and Computations*, Volume 6, Number 3, Mar 2019, pp. 1439-1445. 2019.

Saranya L and Sudhakar P, "Secure Content Based Image Retrieval from Private Cloud Image Repositories.", *International Journal of Scientific Research and Review*, Volume 8, Number 3, Mar 2019, pp. 644-649. 2019.

R. P. Jaia Priyanka, Dr. S. Arivalagan and Dr. P. Sudhakar, "Performance Analysis of Effective Optimization Algorithm based Collaborative Movie Recommender Systems.", *International Journal of Scientific Research and Review*, Volume 8, Number 4, Apr 2019, pp. 511-527. 2019.

R. Bhuvaneeswari, P. Sudhakar and S. Arivalagan, "An Extensive Review of Machine Learning based Data Classification Methods for Heart Disease Prediction.", *Journal of Applied Science and Computations*, Volume 6, Number 4, Apr 2019, pp. 2327-2336. 2019.

R. Bhuvaneeswari, P. Sudhakar and R. Arunkumar, "An Efficient Heart Disease Diagnosis Model using Hybrid Binary Particle Swarm Optimization with Support Vector Machine (BPSO-SVM).", *Journal of Applied Science and Computations*, Volume 6, Number 4, Apr 2019, pp. 2337-2352. 2019.

H. Anwer Bhasha, S. Arivalagan, P. Sudhakar and R.P. Narmadha, "A New Deterministic Code Collection Technique for Data Compression in Wireless Sensor Networks.", *International Journal of Recent Technology and Engineering*, Volume 7, Number 5C, Apr 2019, pp. 80-86. 2019.

Saranya L, Sudhakar P and Mohan S, "Enhanced Object Detection Model using Color and Shape Features Extraction.", *Journal of Applied Science and Computations*, Volume 6, Number 5, May 2019, pp. 128-134. 2019.

C. Christy, S. Arivalagan and P. Sudhakar, "Human Face Recognition and Identifying Ethnicity using Machine Learning.", *International Journal of Information and Computing Science*, Volume 6, Number 5, May 2019, pp. 211-215. 2019.

R. P. Jaia Priyanka, Dr. S. Arivalagan and P. Sudhakar, "Efficient Collaborative Filtering Based Recommendation System for Business Promotions Using Deep Neural Network.", *International Journal of Recent Technology and Engineering*, Volume 7, Number 5S3, May 2019, pp. 125-133. 2019.

P. S. Ramesh, Dr. S. Arivalagan and Dr. P. Sudhakar, "An Enhanced Approach to detect Alzheimer Disease in patients based on Spectral Domain Optical Coherence Tomography.", *Journal of Advanced Research in Dynamical and Control Systems*, Volume 11, Number 05, May 2019, pp. 1827-1836. 2019.

P. S. Ramesh, Dr. S. Arivalagan and Dr. P. Sudhakar, "Analysis of various Methods for Diagnosing Alzheimer Disease and their Performances.", *International Journal of Advanced Trends in Computer Science and Engineering*, Volume 8, Number 3, Jun 2019, pp. 755-757. 2019.

S. Vijay Ananth, P. Sudhakar, K. Sundari, Nibi Maouriyani, R. Raghavi and S. Arivalagan, "Data Hiding in Thermal Image using Levenberg Marquardt Technique.", *International Journal of Recent Technology and Engineering*, Volume 8, Number 1S4, Jun 2019, pp. 421-424. 2019.

R. Gayathri and P. Sudhakar, "Secure Migration of Data and Enhanced Accessibility in Cloud Environment.", *Journal of Applied Science and Computations*, Volume 5, Number 9, Sep 2018, pp. 53-58. 2018.

Zeenath A and Sudhakar P, "Design of Filter for Detection of Knee Osteoarthritis using Pattern Recognition.", *International Journal of Pure and Applied Mathematics*, Volume 119, Number 7, Mar 2018, pp. 869-874. 2018.

Dhanavijayan Ramakrishnan and Sudhakar Pushparajan, "Simultaneous Placement of Distributed Generation and Reconfiguration in Distribution Networks Using Unified Particle Swarm Optimization.", *International Journal on Future Revolution in Computer Science & Communication Engineering*, Volume 4, Number 3, Mar 2018, pp. 41-48. 2018.

Dhanavijayan Ramakrishnan and Sudhakar Pushparajan, "Unified Particle Swarm Optimization Based Distributed Generation Placement in Radial Power Systems.", *International Journal of Intelligent Engineering and Systems*, Volume 11, Number 1, Jan 2018, pp. 104-112. 2018.

Gowrisankar Kalakoti, Prabhakaran G and Sudhakar P, "Content based Video Retrieval Systems with Local Features - A Survey.", *Asian Journal of Computer Science and Technology*, Volume 7, Number S1, Nov 2018, pp. 58-62. 2018.

Gayathri R and Sudhakar P, "An ABC Optimized Data Migration And DE duplication In Secure Cloud Environment.", *Journal of Advanced Research in Dynamical and Control Systems*, Volume 10, Number 13, Dec 2018, pp. 1192-1198. 2018.

Saranya L and Sudhakar P, "A Novel Approach for Scene Image Classification using Transform based Ordered Mean Vector.", *Journal of Advanced Research in Dynamical and Control Systems*, Volume 10, Number 13, Dec 2018, pp. 2545-2550. 2018.

R. Gayathri and P. Sudhakar, "SecDedup: Cloud Data Deduplication of Security Enhanced Big Data.", *International Journal of Scientific Research and Review*, Volume 7, Number 9, Sep 2018, pp. 319-324. 2018.

Zeenath A and Sudhakar P, "Detection of Osteoarthritis by Surface Recovery Using K1-Review Method with Kalman Filter Banks.", *Journal of Applied Science and Computations*, Volume 5, Number 5, May 2018, pp. 154-159. 2018.

Zeenath A and Sudhakar P, "Surface Recovery Estimation using Gabor Channel Parameters.", *International Journal of Scientific Research and Review*, Volume 7, Number 5, May 2018, pp. 365-370. 2018.

S. Saravanan and Dr. P. Sudhakar, "Telemedicine Technology using Internet Communication.", *International Journal of Pure and Applied Mathematics*, Volume 115, Number 6, Sep 2017, pp. 147-156. 2017.

K. Kumar and P. Sudhakar, "Weighted Pre-Large-Tree Algorithm Generating Temporal Association Rule for Non-Frequent Items in Video Dataset.", *International Journal of Information and Computation Technology*, Volume 7, Number 1, Jun 2017, pp. 1-12. 2017.

Kumar K and Sudhakar P, "Generating Temporal Association Rules for frequent items in Concept Level Video Datasets.", *International Journal of Current Advanced Research*, Volume 6, Number 9, Sep 2017, pp. 5811-5814. <http://dx.doi.org/10.24327/ijcar.2017.5814.0809/2017>.

Kumar K and Sudhakar P, "Performance study and challenges for algorithms mining rare and correlated items in video dataset.", *ARPN Journal of Engineering and Applied Sciences*, Volume 12, Number 19, Oct 2017, pp. 5489-5493. 2017.

Dhanavijayan Ramakrishnan and Sudhakar Pushparajan, "Unified Particle Swarm Optimization based Feeder Reconfiguration for Radial Distribution Systems.", *International Journal of Pure and Applied Mathematics*, Volume 117, Number 21, Dec 2017, pp. 953-958. 2017.

S. Malathi and Dr. P. Sudhakar, "Reusability of a Software using Feature Oriented Domain Analysis Method.", *Advances in Natural and Applied Sciences*, Volume 11, Number 4, May 2017, pp. 599-604. 2017.

P. Sudhakar and K. Santhosh Kumar,, "Retrieval of Highly Documents Containing Gene Disease Association.", *International Journal of Simulation -- Systems, Science & Technology*, Volume 17, Number 26, 2016, pp. 8-9. 2016.

P. Sudhakar and K. Santhosh Kumar, "Identification of Association between Prescription Drugs and Side Effects by Analyzing Social Network Messages.", *International Journal on Recent and Innovation Trends in Computing and Communication*, Volume 4, Number 9, Sep 2016, pp. 25-28. 2016.

P. Sudhakar and R. Sathya, "Prediction of Success or Failure of Software Projects based on Reusability Metrics using Support Vector Machine.", *International Journal on Recent and Innovation Trends in computing and communication*, Volume 4, Number 9, Sep 2016, pp. 20-24. 2016.

P. Sudhakar and K. Santhosh Kumar, "Keyword Based Association Analysis for the Identification Gene Disease Association.", *International Journal for Science and Advance Research In Technology*, Volume 2, Number 9, Sep 2016, pp. 123-127. 2016.

P. Sudhakar and R. Sathya, "Prediction of software Defects Based on Software Metrics Using Support Vector Machine.", *International Journal for Science and Advance Research In Technology*, Volume 2, Number 9, Sep 2016, pp. 51-55. 2016.

R. Sathya, Dr. P. Sudhakar, "Software performance prediction using random forest based regression analysis.", *International Journal of Engineering Sciences and Research Technology*, Volume 5, Number 10, 2016, pp. 288-293. 2016.

R. Sathya, Dr. P. Sudhakar, "Improve Software Quality using Defect Prediction Models.", *International Journal of Engineering and Management Research*, Volume 6, Number 6, 2016, pp. 24-29. 2016.

S. Vijay Ananth and P. Sudhakar, "Retrieval of Visual Image from a highly Robustive and Invisible Thermal Image using Curvelet Transformation Technique.", *International Journal of Control Theory and Applications*, Volume 9, Number 16, Sep 2016, pp. 7763-7772. 2016.

K. Kumar and P. Sudhakar, "A Study and Improvement on Video Association Mining Algorithm for Effective Confidence Support in Human Activity Dataset: An Event Perspective.", *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume 6, Number 9, Sep 2016, pp. 71-75. 2016.

P. Sudhakar, K. Mahalakshmi, S. Manikandan, S. Nithyanandham and K. A. Sathyaseelan, "Unsupervised Learning Technique using Hybrid Optimization for Non-Functional Requirements Classification.", *Asian Journal of Information Technology*, Volume 15, Number 9, 2016, pp. 1457-1467. 2016.

Vijay Ananth S and Sudhakar P, "Performance Analysis of a Combined Cryptographic and Steganographic Method over Thermal Images using Barcode Encoder.", *Indian Journal of Science and Technology*, Volume 9, Number 7, Feb 2016, pp. 1-5. 2016.

Sudhakar, P and Saranya S, "Mining Robust Overlapping Co-Clustering in the Presence of Noise.", *International Journal of Computer Applications*, Volume 117, Number 13, May 2015, pp. 40-44. 2015.