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Referred International Journals

- i. Nallaperumal, Krishnan, Jennifer J. Ranjani, **Seldev Christopher**, and S. Saudia. "Removal of blocking artifacts in jpeg compressed images using dual tree complex wavelet filters for multimedia on the web." In *2006 IFIP International Conference on Wireless and Optical Communications Networks*, pp. 4-pp. IEEE, 2006.
- ii. Santhi, N., **Seldev Christopher**, K. Ramar, and J. Arun Prem Santh. "Extraction of Structural Shape of Low DOF Image using Morphological Operators." In *2007 International Conference on Signal Processing, Communications and Networking*, pp. 523-527. IEEE, 2007.
- iii. Nallaperumal, Krishnan, S. S. Vinsley, **Seldev Christopher**, and R. K. Selvakumar. "A novel adaptive weighted color interpolation algorithm for single sensor digital camera images." In *International Conference on Computational Intelligence and Multimedia Applications (ICCIMA 2007)*, vol. 3, pp. 477-481. IEEE, 2007.
- iv. Nallaperumal, Krishnan, **Seldev Christopher**, S. S. Vinsley, and R. K. Selvakumar. "New efficient image compression method for single sensor digital camera images." In *International Conference on Computational Intelligence and Multimedia Applications (ICCIMA 2007)*, vol. 3, pp. 113-117. IEEE, 2007.
- v. Santhi, N., **Seldev Christopher**, K. Ramar, and J. Arun Prem Santh. "Extraction of Structural Shape of Low DOF Image using Morphological Operators." In *2007 International Conference on Signal Processing, Communications and Networking*, pp. 523-527. IEEE, 2007.
- vi. Nallaperumal, Krishnan, Subban Ravi, C. Nelson Kennedy Babu, R. K. Selvakumar, A. Lenin Fred, **Seldev Christopher**, and S. S. Vinsley. "Skin detection using color pixel classification with application to face detection: A comparative study." In *International Conference on Computational Intelligence and Multimedia Applications (ICCIMA 2007)*, vol. 3, pp. 436-441. IEEE, 2007.

- vii. **Seldev Christopher, C.** "A study and analysis on image Compression techniques and design of a novel class of compression techniques for single sensor array camera images." (2009).
- viii. Subbiah, Balasubramanian, and **Seldev C. Christopher.** "Image classification through integrated K-Means algorithm." *International Journal of Computer Science Issues (IJCSI)* 9, no. 2 (2012): 518.
- ix. Baskar, M. S. S. X., F. Ramesh Dhanaseelan, and **C. Seldev Christopher.** "FPU-Tree Frequent Pattern Updating Tree." *International Journal of Advanced and Innovative Research* 1, no. 1 (2012).
- x. Dayana, J. Jenifer, and **C. Seldev Christopher.** "Object level histogram specification for color image enhancement." In *2013 IEEE Conference on Information & Communication Technologies*, pp. 1269-1273. IEEE, 2013.
- xi. King, GR Gnana, **C. Seldev Christopher,** and N. Albert Singh. "Compound image compression using parallel Lempel-Ziv-Welch algorithm." (2013): 522-526.
- xii. King, G. R., **C. Christopher Seldev,** and N. Albert Singh. "A Novel Compression Technique for Compound Images Using Parallel Lempel-Ziv-Welch Algorithm." In *Applied Mechanics and Materials*, vol. 626, pp. 44-51. Trans Tech Publications Ltd, 2014.
- xiii. Gnana King, G. R., and **C. Seldev Christopher.** "Improved block based segmentation algorithm for compression of compound images." *Journal of Intelligent & Fuzzy Systems* 27, no. 6 (2014): 3213-3225.
- xiv. Rose, J., and **C. Christopher Seldev.** "Performance Analysis of Minimum Distance Classifier and Clustering Algorithm in CBIR." In *Applied Mechanics and Materials*, vol. 626, pp. 14-19. Trans Tech Publications Ltd, 2014.
- xv. Lekshmi, Ajayan, and **C. Christopher Seldev.** "Shadow Removal Using Inpainting and Interpolation Technique." In *Applied Mechanics and Materials*, vol. 626, pp. 32-37. Trans Tech Publications Ltd, 2014.
- xvi. Sahaya Stalin, Jose G., and **Christopher C. Seldev.** "Minimize the Replication for Secure Cloud Data Storage Systems Using Error Correction Codes." In *Applied Mechanics and Materials*, vol. 626, pp. 26-31. Trans Tech Publications Ltd, 2014.
- xvii. Samuel, SR Surem, and **C. Seldev Christopher.** "Efficient Approach to Detect and Localize Text in Natural Scene Images." In *Artificial Intelligence and Evolutionary Algorithms in Engineering Systems*, pp. 665-674. Springer, New Delhi, 2015.

- xviii. Inigo, R., K. P. Kumar, V. A. Nagarajan, and **C. Seldev Christopher**. "Corrosion inhibition studies on carbon steel by trans 1-(2, 4-dihydroxyphenyl)-3-(3-hydroxyphenyl) prop-2-en-1-one." *OXIDATION COMMUNICATIONS* 38, no. 4 (2015): 1748-1755.
- xix. **Christopher, C. Seldev**, SJ Jereesha Mary, and S. Sebastin Antony Joe. "Compressed Image Authentication using CDMA Watermarking and EMRC6 Encryption."
- xx. Mary, SJ Jereesha, **C. Seldev Christopher**, and S. Sebastin Antony Joe. "Novel scheme for compressed image authentication using LSB watermarking and EMRC6 encryption." *Circuits and Systems* 7, no. 08 (2016): 1722.
- xxi. Annrose, J., and **C. Seldev Christopher**. "CBIR: primary collection of relevant image selection using rule based boolean query." *Rev. T c. Ing. Univ. Zulia*. 39, no. 8 (2016): 175-185.
- xxii. Annrose, J., and **C. Seldev Christopher**. "Content based image retrieval using query based feature reduction with K-means cluster index." *Asian Journal of Research in Social Sciences and Humanities* 6, no. 12 (2016): 852-872.
- xxiii. Jose, G., and **C. Seldev Christopher**. "Error Correction Codes for Secure Cloud Data Centers." *Asian Journal of Research in Social Sciences and Humanities* 6, no. 12 (2016): 841-851.
- xxiv. Davix, X. Ascar, **C. Seldev Christopher**, and P. Carolin Reebea. "Automatic License Plate Localization Using Different Wavelet Transforms." *International Journal of Engineering and Technology* 9, no. 4 (2017).
- xxv. Davix, X. Ascar, and **C. Seldev Christopher**. "Edge based marker controlled watershed algorithm for automatic car licence plate localization." *Journal of Computational and Theoretical Nanoscience* 14, no. 11 (2017): 5539-5551.
- xxvi. Davix, X. Ascar, **C. Seldev Christopher**, and S. Shino Christine. "License plate detection using channel scale space and color based detection method." In *2017 IEEE international conference on circuits and systems (ICCS)*, pp. 82-86. IEEE, 2017.
- xxvii. Jose, G. Sahaya Stalin, and **C. Seldev Christopher**. "Secure cloud data storage approach in e-learning systems." *Cluster Computing* 22, no. 5 (2019): 12857-12862.
- xxviii. Shana, L., and **C. Seldev Christopher**. "Video Surveillance using Deep Learning-A Review." In *2019 International Conference on Recent Advances in Energy-efficient Computing and Communication (ICRAECC)*, pp. 1-5. IEEE, 2019.

- xxix. Shana, L., and **C. Seldev Christopher**. "Behavior Tracking in Video Surveillance Applications: A Detailed Study." In *Advances in Communication Systems and Networks*, pp. 735-751. Springer, Singapore, 2020.
- xxx. Davids, D. Minola, and **C. Seldev Christopher**. "View-Based and Visual-Attention-Based Background Modeling for Detecting Frequently and Infrequently Moving Objects for Video Summarization." In *Advances in Communication Systems and Networks*, pp. 115-127. Springer, Singapore, 2020.
- xxxi. Renita, D. Benyl, and **C. Seldev Christopher**. "Novel real time content based medical image retrieval scheme with GWO-SVM." *Multimedia Tools and Applications* (2020): 1-17.
- xxxii. Davix, X. Ascar, **C. Seldev Christopher**, and D. Judson. "Detection of the vehicle license plate using a kernel density with default search radius algorithm filter." *Optik* (2020): 164689.
- xxxiii. Davids, D. Minola, and C. Seldev Christopher. "View-Based and Visual-Attention-Based Background Modeling for Detecting Frequently and Infrequently Moving." *Advances in Communication Systems and Networks: Select Proceedings of ComNet 2019* 656 (2020): 115.