

List of Publications

BOOK CHAPTER

1. **S.P. Singh** and G. Bhatnagar, Novel watermarking technique for multimedia security, in Handbook of Multimedia Information Security: Techniques and Applications, 2019, Springer 2019.

JOURNALS

1. **S.P. Singh** and G. Bhatnagar, A New Robust Reference Image Hashing System, *IEEE Transactions on Information Security*, 2019. (Under review)
2. **S.P. Singh** and G. Bhatnagar, A Novel Biometric Inspired Robust Security Framework for Medical Images, *IEEE Transactions on Knowledge and Data Engineering*, DOI: 10.1109/TKDE.2019.2935710, (In Press).
3. **S.P. Singh** and G. Bhatnagar, A Robust Blind Watermarking Framework Based on Dn Structure, *Journal of Ambient Intelligence and Humanized Computing*, vol. 11, pp. 1869-1887, 2020, Springer.
4. **S.P. Singh** and G. Bhatnagar, A Simplified Watermarking Algorithm Based on Lifting Wavelet Transform, *Multimedia Tools and Applications*, vol. 78, pp. 20765-20786, 2019, Springer.
5. **S.P. Singh** and G. Bhatnagar, A new robust watermarking system in Integer DCT domain, *Journal of Visual Communication and Image Representation*, vol. 53, pp. 86-101, 2018, Elsevier.

CONFERENCES

1. **S.P. Singh** and G. Bhatnagar, A Chaos based Robust and Secure Image Hashing, Proc. Indian Conf. on Computer Vision, Graphics and Image Processing, IIIT Hyderabad, India, December 18-21, 2019, ACM.
2. **S.P. Singh** and G. Bhatnagar, A Reference Based Secure and Robust Zero watermarking Scheme, Proc. Int. Conf. Computer Vision & Image Processing, Springer, IIITDM Jabalpur, India, September 29-October 01, 2018, Springer.
3. **S.P. Singh** and G. Bhatnagar, A Robust Watermarking Scheme for Copyright Protection, Proc. Int. Conf. Computer Vision & Image Processing, IIITDM Jabalpur, India, September 29-October 01, 2018, Springer.
4. **S.P. Singh** and G. Bhatnagar, A secure image encryption algorithm based on polar decomposition, Proc. IEEE Colloquium on Signal Processing and its Applications, Batu Feringghi, Penang, Malaysia, March 9-10, 2018, pp. 135-139, Springer
5. **S.P. Singh** and G. Bhatnagar, A robust watermarking scheme based on image normalization, Proc. IEEE Colloquium on Signal Processing and its Applications, Batu Feringghi, Penang, Malaysia, March 9-10, 2018, pp. 140-144, Springer.

6. **S.P. Singh** and G. Bhatnagar, A robust image hashing based on discrete wavelet transform, Proc. IEEE Int. Conf. Signal & Image Processing Applications, Kuching, Malaysia, September 12-14, 2017, pp. 440-444, Springer.
7. **S.P. Singh** and G. Bhatnagar, A novel chaos based robust watermarking framework, Proc. Int. Conf. Computer Vision & Image Processing, IIT Roorkee, India, February 26-28, 2016. pp. 439-447, Springer.