

# List of Publications

## List of papers published/accepted in journals:

1. G. Srivastava and R. Srivastava, "Modification of Gradient Vector Flow Using Directional Contrast for Salient Object Detection," in *IEEE MultiMedia*, vol. 26, no. 4, pp. 7-16, 1 Oct.-Dec. 2019. (SCIE-3.556)
2. G. Srivastava and R. Srivastava, "Salient object detection using background subtraction, Gabor filters, objectness and minimum directional backgroundness," in *Journal of Visual Communication and Image Representation*, vol. 62, pp. 330-339, Jul. 2019. (SCIE-2.259)
3. G. Srivastava and R. Srivastava, "An efficient modification of Generalized Gradient Vector Flow using Directional Contrast for Salient Object Detection and Intelligent Scene Analysis," in *Multimedia Tools and Applications*, vol. 79, pp. 13599-13619, Jan. 2020. (SCIE-2.101)
4. G. Srivastava and R. Srivastava, "User Interactive Salient Object Detection using Yolov2, Lazy Snapping, and Gabor Filters," in *Machine Vision and Applications*, vol. 31, Mar. 2020. (SCIE-1.788)
5. G. Srivastava and R. Srivastava, "Design, Analysis and Implementation of Efficient Framework for Image Annotation," in *ACM Transactions on Multimedia Computing Communications and Applications*. (SCIE-2.019)

- 
6. G. Srivastava and R. Srivastava, "Annotation of Images using Local Binary Pattern and Local Derivative Pattern after Salient Object Detection Using Minimum Directional Contrast and Gradient Vector Flow," in IEEE Intelligent Systems. (SCIE-4.464) (Accepted with minor revision)

**List of papers communicated in journals:**

1. G. Srivastava and R. Srivastava, "Colon Tumour Localization using Three Input Variants to Faster R-CNN and Lazy Snapping," in Journal of Digital Imaging. (SCIE-2.572)

**List of papers published in conferences:**

1. G. Srivastava and R. Srivastava, "An Improved Active Contour Model for Salient Object Detection Using Edge Cues," in Recent Trends in Communication, Computing, and Electronics, Lecture Notes in Electrical Engineering, vol. 524, pp. 365-375, Springer, Singapore, 2019.
2. G. Srivastava and R. Srivastava, "A Survey on Automatic Image Captioning," in Mathematics and Computing, Communications in Computer and Information Science, vol. 834, pp. 74-83, Springer, Singapore, 2018.