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<u>**International Journal**</u>

1. **Balasubramanian, G,** Chilambuchelvan, A, Vijayan, S &Gowrison, G 2015, 'Performance improvement of average based spatial filters through multilevel pre-processing using wavelets'**, IEEE Signal Processing Letters**, vol. 22, no. 10, pp. 1698-1702, ISSN: 1070-9908 (Annexure I), IF - 1.751

2. **Balasubramanian, G,** Chilambuchelvan& A, Vijayan, S 2015, 'Three-stage trimmed median-mean filter to remove salt and pepper noise in images', **Journal of Optoelectronics and Advanced Materials**, vol. 17, no. 5-6, pp. 856-862, ISSN: 1454-4164 (Annexure I), IF - 0.429

3. **Balasubramanian, G,** Chilambuchelvan, A, Vijayan, S &Gowrison, G 2016, 'Probabilistic decision based filter to remove impulse noise usingpatch else trimmed median', **Elsevier - International Journal of Electronics and Communications**, vol. 70, pp. 471-481, ISSN: 1434-8411 (Annexure I), IF - 0.601

4. **Balasubramanian, G,** Chilambuchelvan, A, Vijayan, S & Gowrison, G 2016, 'An extremely fast adaptive high-performance filter to remove salt and pepper noise using overlapping medians in images', **Taylor and Francis - The Imaging Science Journal**, vol. 64, no. 5, pp. 241-252, ISSN: 1368-2199 (Annexure I), IF - 0.298

5. Gowrison, G, Muneeswaran, K and **Balasubramanian, G** 2019, 'Robust Color Character and Overlay Character Captcha: Minimal Complexity Authentication approach based on Human Cognitive Outlook', **Springer - Multimedia Tools and Applications** (Under Review).

<u>**International Conferences**</u>

6. **Balasubramanian, G,** Chilambuchelvan, A, Vijayan, S & Gowrison, G 2012, 'Adaptive averaging of multiresolution bilateral and median filtering for image denoising', in Proceedings of International Conference on Emerging Trends in Science, Engineering and Technology, Tiruchirappalli, pp. 154-158, **ISBN: 978-1-4673-5144-7/129 © 2012 IEEE**.

7. **Balasubramanian, G,** Chilambuchelvan, A & Vijayan, S 2013, 'Wavelet thresholding and joint NL means filtering', in Proceedings of International Conference on Green Computing, Communication and Conservation of Energy, Kavaraipettai, pp. 94-99, **ISBN: 978-1-4673-6126-2/13 © 2013 IEEE.**