











- Jiang, L., Huang, J., Lv, X., Liu, J., “Alternating direction method for the high-order total variation-based Poisson noise removal problem”, *Numer Algorithm*, 2014.
- Kadoury S, Cheriet F, Labelle H, “Self-calibration of biplanar radiographic images through geometric spine shape descriptors.” *IEEE Trans Biomed Eng* 57(7):1663–1675, 2010.
- Landi, G., Piccolomini, E.L., “NPTool: a Matlab software for nonnegative image restoration with Newton projection methods.” *Numer Algorithm*. **62**(3), 487–504, 2013.
- Landi, G., Piccolomini, E.L. “An efficient method for nonnegatively constrained total variation-based denoising of medical images corrupted by Poisson noise.” *Comput. Med. Imaging Graph*. **36**, 38–46, 2012.
- Landi, G., Piccolomini, E.L., “An improved Newton projection method for nonnegative deblurring of Poisson-corrupted images with Tikhonov regularization.” *Numer. Algorithm*. **60**, 169–188, 2012.
- Lebrun, M., “An Analysis and Implementation of the BM3D Image Denoising Method”, *Image Processing On Line*, 2012.
- Lee, S. H., Kang, M. G. and Park, T. K., “CCD noise filtering based on 3-dimensional nonlinear partial differential equation”, *IEEE Transactions on Consumer Electronics*, Vol. 44, 1998.
- Luisier, F., T. Blu, and M. Unser, “Image Denoising in Mixed Poisson-Gaussian Noise”, *IEEE Trans. Image Process.*, vol. 20, no. 3, pp. 696–708, March 2011.
- Mäkitalo, M., and A. Foi, “Poisson-Gaussian denoising using the exact unbiased inverse of the generalized Anscombe transformation”, *Proc. IEEE Int. Conf. on Acoustics, Speech, and Signal Processing, ICASSP 2012*, March 2012.
- Mäkitalo, M., and A. Foi, “Optimal inversion of the Anscombe transformation in low-count Poisson image denoising”, *IEEE Trans. Image Process.*, vol. 20, no. 1, pp. 99–109, Jan. 2011. <http://www.cs.tut.fi/~foi/>
- Mäkitalo, M., and A. Foi, “A closed-form approximation of the exact unbiased inverse of the Anscombe variance-stabilizing transformation”, *IEEE Trans. Image Process.*, vol. 20, no. 9, pp. 2697–2698, 2011.
- Mäkitalo, M., “Exact Unbiased Inverse of the Anscombe Transformation and its Poisson-Gaussian Generalization”, Tampere University of Technology, Finland, PhD Thesis, 2013.
- Mielikäinen, T. and Ravantti, J., “Sinogram Denoising of Cryo-Electron Microscopy Images”, *International Conference on Computational Science and its Applications*, Singapore, 2005.
- Perona, P., and Malik, J. “Scale-space and edge detection using anisotropic diffusion” *IEEE Trans. on Pattern Analysis and Machine Intel.*, Vol. 127, 1990.
- Pollak, I., Willsky, A. S., and Krim, H., “Image segmentation and edge enhancement with stabilized inverse diffusion equations”, *IEEE Transactions on Image Processing*, Vol. 9, 2000.
- Rudin, L., Osher, S., Fatemi, E., “Nonlinear total variation based noise removal algorithms.”, *Phys. D* **60**, 259–268, 1992.
- Sprawls, P., *Physical Principles of Medical Imaging*, Aspen Publication, 1993.
- Starck, J-L., F. Murtagh, and A. Bijaoui, “Image Processing and Data Analysis”, Cambridge University Press, Cambridge, 1998.
- Weeratunga, S. K. and Kamath, C., “PDE-based non-linear diffusion techniques for denoising scientific/industrial images: An empirical study”, *Proceedings, Image Processing: Algorithms and Systems, SPIE Electronic Imaging*, San Jose, 2002.
- Weickert, J., Romeny, B. M. and Viergever, M., “Efficient and reliable schemes for nonlinear diffusion filtering”, *IEEE Trans. on Image Processing*, Vol. 7, 1998.
- Xiaogang, D., and Pollak, I., “Multiscale segmentation with vector-valued nonlinear diffusions on arbitrary graphs”, *IEEE Transactions on Image Processing*, Vol. 15, (2006), 1993-2005.
- Zhai, J. and Zhang, S., “Image denoising via wavelet threshold: single wavelet and multiple wavelets transform”, *Int. Conf. on Mach. Learning and Cyb.*, Vol. 5, (2005), 3232-3236.
- Zhang, B., M.J. Fadili, J.L. Starck, and J.C. Olivo-Marin, “Multiscale variance-stabilizing transform for mixed-Poisson-Gaussian processes and its applications in bioimaging”, *Proc. IEEE Int. Conf. Image Process., ICIP 2007*, pp. VI-234–VI-236, 2007.
- Zhang, B., M.J. Fadili, and J-L. Starck, “Wavelets, Ridgelets and Curvelets for Poisson Noise Removal,” *IEEE Transactions on Image Processing*, 2008, submitted.
- Zhong, J., Ning, R. and Conover, D., “Image denoising based on multiscale singularity detection for cone beam CT breast imaging”, *IEEE Trans Med Imaging.*, Vol, 23, 2004.