

multimedia

## Yun Fu Associate Professor, NEU, Boston; Co-Founder Chief Scientist of TVision Insights machine learning, computer vision, image processing, human computer interaction,

Citation indices	All	Since 2012
Citations	6016	4639
h-index	39	34
i10-index	100	87

**Google Scholar** 

Title 1–20	Cited by	Year
Learning With \$\ ell^{1} \$-Graph for Image Analysis  B Cheng, J Yang, S Yan, Y Fu, TS Huang IEEE transactions on image processing 19 (4), 858-866	421	2010
Image-based human age estimation by manifold learning and locally adjusted robust regression G Guo, Y Fu, CR Dyer, TS Huang IEEE Transactions on Image Processing 17 (7), 1178-1188	403	2008
Age synthesis and estimation via faces: A survey Y Fu, G Guo, TS Huang IEEE transactions on pattern analysis and machine intelligence 32 (11), 1955	371	2010
Human age estimation using bio-inspired features G Guo, G Mu, Y Fu, TS Huang Computer Vision and Pattern Recognition, 2009. CVPR 2009. IEEE Conference on	324	2009
Human age estimation with regression on discriminative aging manifold Y Fu, TS Huang IEEE Transactions on Multimedia 10 (4), 578-584	283	2008
3D ultrasound tracking of the left ventricle using one-step forward prediction and data fusion of collaborative trackers L Yang, B Georgescu, Y Zheng, P Meer, D Comaniciu Computer Vision and Pattern Recognition, 2008. CVPR 2008. IEEE Conference on	163	2008
Probabilistic models for inference about identity S Prince, P Li, Y Fu, U Mohammed, J Elder IEEE Transactions on Pattern Analysis and Machine Intelligence 34 (1), 144-157	149	2012
Estimating human age by manifold analysis of face pictures and regression on aging features Y Fu, Y Xu, TS Huang Multimedia and Expo, 2007 IEEE International Conference on, 1383-1386	142	2007
Graph embedded analysis for head pose estimation Y Fu, TS Huang Automatic Face and Gesture Recognition, 2006. FGR 2006. 7th International	124	2006
Spontaneous emotional facial expression detection. Z Zeng, Y Fu, Gl Roisman, Z Wen, Y Hu, TS Huang Journal of multimedia 1 (5), 1-8	108	2006
A study on automatic age estimation using a large database G Guo, G Mu, Y Fu, C Dyer, T Huang Computer Vision, 2009 IEEE 12th International Conference on, 1986-1991	106	2009
Text from corners: A novel approach to detect text and caption in videos X Zhao, KH Lin, Y Fu, Y Hu, Y Liu, TS Huang IEEE Transactions on Image Processing 20 (3), 790-799	105	2011
		4.00

Title 1–20	Cited by	Year
Correlation metric for generalized feature extraction Y Fu, S Yan, TS Huang IEEE Transactions on Pattern Analysis and Machine Intelligence 30 (12), 2229	99	2008
Locally adjusted robust regression for human age estimation G Guo, Y Fu, TS Huang, CR Dyer Applications of Computer Vision, 2008. WACV 2008. IEEE Workshop on, 1-6	94	2008
Image classification using correlation tensor analysis Y Fu, TS Huang IEEE Transactions on Image Processing 17 (2), 226-234	92	2008
Multiple feature fusion by subspace learning Y Fu, L Cao, G Guo, TS Huang Proceedings of the 2008 international conference on Content-based image and	86	2008
Gender recognition from body L Cao, M Dikmen, Y Fu, TS Huang Proceedings of the 16th ACM international conference on Multimedia, 725-728	85	2008
Understanding kin relationships in a photo S Xia, M Shao, J Luo, Y Fu IEEE Transactions on Multimedia 14 (4), 1046-1056	79	2012
Attribute learning for understanding unstructured social activity Y Fu, TM Hospedales, T Xiang, S Gong European conference on computer vision, 530-543	72	2012
Is gender recognition affected by age? G Guo, CR Dyer, Y Fu, TS Huang Computer Vision Workshops (ICCV Workshops), 2009 IEEE 12th International	72	2009

Dates and citation counts are estimated and are determined automatically by a computer program.