Matthew Turk

List of Publications by Year
in descending order

23 papers	13,140 citations	840776 11 h-index	1199594 12 g-index
23 all docs	23 docs citations	23 times ranked	6628 citing authors

#	Article	IF	Citations
1	Computer Vision for Mobile Augmented Reality. , 2015, , 3-42.		14
2	Poster: Investigating viewpoint visualizations for click &amp; go navigation. , 2014, , .		0
3	Multimodal interaction: A review. Pattern Recognition Letters, 2014, 36, 189-195.	4.2	332
4	Improved outdoor augmented reality through &#x201C;Globalization&#x201D;. , 2013, , .		2
5	Vision-Based Interaction. Synthesis Lectures on Computer Vision, 2013, 4, 1-134.	0.6	0
6	Integrating the physical environment into mobile remote collaboration. , 2012, , .		102
7	Live tracking and mapping from both general and rotation-only camera motion. , 2012, , .		31
8	Multisensory embedded pose estimation. , 2011, , .		8
9	Evaluation of Interest Point Detectors and Feature Descriptors for Visual Tracking. International Journal of Computer Vision, 2011, 94, 335-360.	15.6	328
10	Efficiently selecting spatially distributed keypoints for visual tracking. , 2011, , .		19
11	Human Activity Recognition Using Local Shape Descriptors. , 2010, , .		8
12	Using structured light for efficient depth edge detection. Image and Vision Computing, 2008, 26, 1449-1465.	4.5	17
13	Biased discriminant analysis using composite vectors for eye detection. , 2008, , .		3
14	The Hierarchical Isometric Self-Organizing Map for Manifold Representation. , 2007, , .		4
15	Manifold based analysis of facial expression. Image and Vision Computing, 2006, 24, 605-614.	4.5	153
16	Transformed Social Interaction, Augmented Gaze, and Social Influence in Immersive Virtual Environments. Human Communication Research, 2005, 31, 511-537.	3.4	119
17	NON-NEGATIVE MATRIX FACTORIZATION FRAMEWORK FOR FACE RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 2005, 19, 495-511.	1.2	84
18	Effective representation using ICA for face recognition robust to local distortion and partial occlusion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1977-1981.	13.9	171

#	Article	IF	Citations
19	Face Verification in Polar Frequency Domain: A Biologically Motivated Approach. Lecture Notes in Computer Science, 2005, , 183-190.	1.3	4
20	Non-photorealistic camera. ACM Transactions on Graphics, 2004, 23, 679-688.	7.2	151
21	Transformed Social Interaction: Decoupling Representation from Behavior and Form in Collaborative Virtual Environments. Presence: Teleoperators and Virtual Environments, 2004, 13, 428-441.	0.6	174
22	Perceptual user interfaces (introduction). Communications of the ACM, 2000, 43, 32-34.	4.5	137
23	Eigenfaces for Recognition. Journal of Cognitive Neuroscience, 1991, 3, 71-86.	2.3	11,279