Loong-Fah Cheong

List of Publications by Year
in descending order

30 papers	509 citations	1162889 8 h-index	1058333 14 g-index
30 all docs	30 docs citations	30 times ranked	555 citing authors

#	Article	IF	Citations
1	Hierarchical spatio-temporal context modeling for action recognition. , 2009, , .		122
2	Sparse and Low-Rank Matrix Decomposition for Automatic Target Detection in Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5239-5251.	2.7	58
3	Robust Low-Rank Subspace Segmentation with Semidefinite Guarantees. , 2010, , .		38
4	Perspective Motion Segmentation via Collaborative Clustering. , 2013, , .		38
5	3D Rigid Motion Segmentation with Mixed and Unknown Number of Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1-16.	9.7	37
6	Taxonomy of Directing Semantics for Film Shot Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1529-1542.	5.6	32
7	Two-Stream Flow-Guided Convolutional Attention Networks for Action Recognition. , 2017, , .		32
8	Understanding the Behavior of SFM Algorithms: A Geometric Approach. International Journal of Computer Vision, 2003, 51, 111-137.	10.9	21
9	Characterizing Depth Distortion under Different Generic Motions. International Journal of Computer Vision, 2001, 44, 199-217.	10.9	19
10	Simultaneous Clustering and Model Selection: Algorithm, Theory and Applications. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1964-1978.	9.7	18
11	SCAMS: Simultaneous Clustering and Model Selection. , 2014, , .		17
12	Hierarchical spatio-temporal context modeling for action recognition. , 2009, , .		17
13	Simultaneous Camera Pose and Correspondence Estimation with Motion Coherence. International Journal of Computer Vision, 2012, 96, 145-161.	10.9	10
14	Quasi-Parallax for Nearly Parallel Frontal Eyes. International Journal of Computer Vision, 2013, 101, 45-63.	10.9	9
15	Robust Detection and Affine Rectification of Planar Homogeneous Texture for Scene Understanding. International Journal of Computer Vision, 2018, 126, 822-854.	10.9	6
16	Actionness-Assisted Recognition of Actions. , 2015, , .		5
17	Accurate and Stable Camera Calibration of Broadcast Tennis Video. , 2007, , .		4
18	Minimal Basis Facility Location for Subspace Segmentation. , 2013, , .		4

#	Article	IF	Citations
19	Minimal Basis Subspace Representation: A Unified Framework for Rigid and Non-rigid Motion Segmentation. International Journal of Computer Vision, 2017, 121, 209-233.	10.9	4
20	Video Foreground Cosegmentation Based on Common Fate. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 586-600.	5.6	4
21	Robust identification of gradual shot-transition types. , 0, , .		3
22	When Discrete Meets Differential. International Journal of Computer Vision, 2010, 86, 87-110.	10.9	3
23	Single-Image Camera Response Function Using Prediction Consistency and Gradual Refinement. Lecture Notes in Computer Science, 2021, , 19-35.	1.0	3
24	Depth Perception Under Motion and Stereo with Implications for 3D TV. , 2007, , .		2
25	What do we perceive from motion pictures? A computational account. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 1485.	0.8	2
26	Employing discrete Bayes error rate for discretization and feature selection tasks. , 0, , .		1
27	Parsing video programs into individual segments using FSA modeling. , 0, , .		0
28	Error analysis of 3D motion estimation algorithms in the differential case. , 0, , .		0
29	How Do Movie Viewers Perceive Scene Structure from Dynamic Cues. , 0, , .		0
30	3D ordinal constraint in spatial configuration for robust scene recognition. , 2008, , .		0