Kap Luk Chan

List of Publications by Year
in descending order

50 papers	1,339 citations	759055 12 h-index	839398 18 g-index
51 all docs	51 docs citations	51 times ranked	1135 citing authors

#	Article	IF	Citations
1	ECG signal conditioning by morphological filtering. Computers in Biology and Medicine, 2002, 32, 465-479.	3.9	199
2	Video Tracking Using Learned Hierarchical Features. IEEE Transactions on Image Processing, 2015, 24, 1424-1435.	6.0	149
3	EM algorithms for Gaussian mixtures with split-and-merge operation. Pattern Recognition, 2003, 36, 1973-1983.	5.1	137
4	Characteristic wave detection in ECG signal using morphological transform. BMC Cardiovascular Disorders, 2005, 5, 28.	0.7	126
5	Performance evaluation of the nearest feature line method in image classification and retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2000, 22, 1335-1339.	9.7	92
6	Learning a multivariate Gaussian mixture model with the reversible jump MCMC algorithm. Statistics and Computing, 2004, 14, 343-355.	0.8	84
7	Joint Learning of Convolutional Neural Networks and Temporally Constrained Metrics for Tracklet Association. , 2016, , .		77
8	Tracklet Association with Online Target-Specific Metric Learning. , 2014, , .		75
9	Machine learning techniques for business blog search and mining. Expert Systems With Applications, 2008, 35, 581-590.	4.4	65
10	A Review of Region-Based Image Retrieval. Journal of Signal Processing Systems, 2010, 59, 143-161.	1.4	42
11	Evaluation of novelty metrics for sentence-level novelty mining. Information Sciences, 2010, 180, 2359-2374.	4.0	35
12	Bootstrapping SVM active learning by incorporating unlabelled images for image retrieval. , 0, , .		33
13	Redundancy and novelty mining in the business blogosphere. Learning Organization, 2010, 17, 490-499.	0.7	24
14	Dimensionality reduction techniques for data exploration. , 2007, , .		21
15	Minimization of MRF Energy with Relaxation Labeling. Journal of Mathematical Imaging and Vision, 1997, 7, 149-161.	0.8	20
16	Multi-level local feature classification for bleeding detection in Wireless Capsule Endoscopy images. , 2010, , .		20
17	Visual Tracking via Temporally Smooth Sparse Coding. IEEE Signal Processing Letters, 2015, 22, 1452-1456.	2.1	19
18	An extended Isomap algorithm for learning multi-class manifold. , 0, , .		16

#	Article	IF	Citations
19	Learning deep features for multiple object tracking by using a multi-task learning strategy. , 2014, , .		12
20	Atmospheric Perspective Effect Enhancement of Landscape Photographs Through Depth-Aware Contrast Manipulation. IEEE Transactions on Multimedia, 2014, 16, 653-667.	5.2	12
21	Blog Data Mining for Cyber Security Threats. , 2009, , 169-182.		11
22	Incorporating prior knowledge into SVM for image retrieval. , 2004, , .		10
23	An intelligent system for sentence retrieval and novelty mining. International Journal of Knowledge Engineering and Data Mining, 2011, 1, 235.	0.0	7
24	Towards an unsupervised optimal fuzzy clustering algorithm for image database organization. , 0, , .		6
25	Unsupervised color image segmentation based on Gaussian mixture model. , 0, , .		6
26	Aesthetic enhancement of landscape photographs as informed by paintings across depth layers. , 2011, , .		6
27	Matching-constrained active contours with affine-invariant shape prior. Computer Vision and Image Understanding, 2015, 132, 39-55.	3.0	6
28	Using Statistical Shape Priors in Geodesic Active Contours for Robust Object Detection. , 2006, , .		4
29	Active Contour with a Tangential Component. Journal of Mathematical Imaging and Vision, 2015, 51, 229-247.	0.8	4
30	Pedestrian detection in highly crowded scenes using &#x201C;online&#x201D; dictionary learning for occlusion handling. , 2014, , .		3
31	Exemplarâ€Based Portrait Photograph Enhancement as Informed by Portrait Paintings. Computer Graphics Forum, 2014, 33, 38-51.	1.8	3
32	Harmonics extraction based on higher order statistics spectrum decomposition for a unified texture model. , 0, , .		2
33	Efficient video retrieval using shot clustering and alignment. , 0, , .		2
34	Depth-based reference portrait painting selection for example-based rendering. , 2011, , .		2
35	Transfer of vignetting effect from paintings to photographs. , 2017, , .		2
36	Local spectra features extraction based on 2D pseudo-Wigner distribution for texture analysis. , 0, , .		1

#	Article	IF	Citations
37	Natural image retrieval based on features of homogeneous color regions. , 0, , .		1
38	A SUB-VECTOR WEIGHTING SCHEME FOR IMAGE RETRIEVAL WITH RELEVANCE FEEDBACK. International Journal of Image and Graphics, 2002, 02, 199-213.	1.2	1
39	Face recognition based on discriminative manifold learning. , 2004, , .		1
40	Learning a New Statistical Shape Prior Model for Object Detection by Geodesic Active Contours. , 2006, , .		1
41	Shape evolution for rigid and nonrigid shape registration and recovery. , 2009, , .		1
42	Shape evolution for rigid and nonrigid shape registration and recovery. , 2009, , .		1
43	An adaptive model for texture analysis. , 0, , .		0
44	An adaptive model for texture classification. , 0, , .		0
45	Local spectra features extraction based on 2D pseudo-Wigner distribution for texture analysis. , 0, , .		0
46	A Dynamic Sub-vector Weighting Scheme for Image Retrieval with Relevance Feedback. Pattern Analysis and Applications, 2003, 6, 212-223.	3.1	0
47	Learning in content based image retrieval - a brief review. , 2007, , .		0
48	Tracklet Association in Detect-Then-Track Paradigm for Long-Term Multi-person Tracking. , 2014, , .		0
49	Transfer of content-aware vignetting effect from paintings to photographs. Multimedia Tools and Applications, 2018, 77, 23851-23875.	2.6	0
50	Aesthetic Interactive Hue Manipulation for Natural Scene Images. Lecture Notes in Computer Science, 2016, , 201-214.	1.0	0