

# Kap Luk Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Transfer of content-aware vignetting effect from paintings to photographs. Multimedia Tools and Applications, 2018, 77, 23851-23875.	2.6	0
2	Transfer of vignetting effect from paintings to photographs. , 2017, , .		2
3	Joint Learning of Convolutional Neural Networks and Temporally Constrained Metrics for Tracklet Association. , 2016, , .		77
4	Aesthetic Interactive Hue Manipulation for Natural Scene Images. Lecture Notes in Computer Science, 2016, , 201-214.	1.0	0
5	Video Tracking Using Learned Hierarchical Features. IEEE Transactions on Image Processing, 2015, 24, 1424-1435.	6.0	149
6	Matching-constrained active contours with affine-invariant shape prior. Computer Vision and Image Understanding, 2015, 132, 39-55.	3.0	6
7	Active Contour with a Tangential Component. Journal of Mathematical Imaging and Vision, 2015, 51, 229-247.	0.8	4
8	Visual Tracking via Temporally Smooth Sparse Coding. IEEE Signal Processing Letters, 2015, 22, 1452-1456.	2.1	19
9	Pedestrian detection in highly crowded scenes using &#x201C;online&#x201D; dictionary learning for occlusion handling. , 2014, , .		3
10	Learning deep features for multiple object tracking by using a multi-task learning strategy. , 2014, , .		12
11	Tracklet Association in Detect-Then-Track Paradigm for Long-Term Multi-person Tracking. , 2014, , .		0
12	Exemplar-Based Portrait Photograph Enhancement as Informed by Portrait Paintings. Computer Graphics Forum, 2014, 33, 38-51.	1.8	3
13	Atmospheric Perspective Effect Enhancement of Landscape Photographs Through Depth-Aware Contrast Manipulation. IEEE Transactions on Multimedia, 2014, 16, 653-667.	5.2	12
14	Tracklet Association with Online Target-Specific Metric Learning. , 2014, , .		75
15	Aesthetic enhancement of landscape photographs as informed by paintings across depth layers. , 2011, , .		6
16	Depth-based reference portrait painting selection for example-based rendering. , 2011, , .		2
17	An intelligent system for sentence retrieval and novelty mining. International Journal of Knowledge Engineering and Data Mining, 2011, 1, 235.	0.0	7
18	Redundancy and novelty mining in the business blogosphere. Learning Organization, 2010, 17, 490-499.	0.7	24

#	ARTICLE	IF	CITATIONS
19	A Review of Region-Based Image Retrieval. Journal of Signal Processing Systems, 2010, 59, 143-161.	1.4	42
20	Evaluation of novelty metrics for sentence-level novelty mining. Information Sciences, 2010, 180, 2359-2374.	4.0	35
21	Multi-level local feature classification for bleeding detection in Wireless Capsule Endoscopy images. , 2010, , .		20
22	Shape evolution for rigid and nonrigid shape registration and recovery. , 2009, , .		1
23	Blog Data Mining for Cyber Security Threats. , 2009, , 169-182.		11
24	Shape evolution for rigid and nonrigid shape registration and recovery. , 2009, , .		1
25	Machine learning techniques for business blog search and mining. Expert Systems With Applications, 2008, 35, 581-590.	4.4	65
26	Learning in content based image retrieval - a brief review. , 2007, , .		0
27	Dimensionality reduction techniques for data exploration. , 2007, , .		21
28	Using Statistical Shape Priors in Geodesic Active Contours for Robust Object Detection. , 2006, , .		4
29	Learning a New Statistical Shape Prior Model for Object Detection by Geodesic Active Contours. , 2006, , .		1
30	Characteristic wave detection in ECG signal using morphological transform. BMC Cardiovascular Disorders, 2005, 5, 28.	0.7	126
31	Incorporating prior knowledge into SVM for image retrieval. , 2004, , .		10
32	Face recognition based on discriminative manifold learning. , 2004, , .		1
33	Learning a multivariate Gaussian mixture model with the reversible jump MCMC algorithm. Statistics and Computing, 2004, 14, 343-355.	0.8	84
34	A Dynamic Sub-vector Weighting Scheme for Image Retrieval with Relevance Feedback. Pattern Analysis and Applications, 2003, 6, 212-223.	3.1	0
35	EM algorithms for Gaussian mixtures with split-and-merge operation. Pattern Recognition, 2003, 36, 1973-1983.	5.1	137
36	A SUB-VECTOR WEIGHTING SCHEME FOR IMAGE RETRIEVAL WITH RELEVANCE FEEDBACK. International Journal of Image and Graphics, 2002, 02, 199-213.	1.2	1

#	ARTICLE	IF	CITATIONS
37	ECG signal conditioning by morphological filtering. Computers in Biology and Medicine, 2002, 32, 465-479.	3.9	199
38	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
39	Minimization of MRF Energy with Relaxation Labeling. Journal of Mathematical Imaging and Vision, 1997, 7, 149-161.	0.8	20
40	Local spectra features extraction based on 2D pseudo-Wigner distribution for texture analysis. , 0, , .		1
41	An adaptive model for texture analysis. , 0, , .		0
42	Towards an unsupervised optimal fuzzy clustering algorithm for image database organization. , 0, , .		6
43	An adaptive model for texture classification. , 0, , .		0
44	Local spectra features extraction based on 2D pseudo-Wigner distribution for texture analysis. , 0, , .		0
45	Natural image retrieval based on features of homogeneous color regions. , 0, , .		1
46	Harmonics extraction based on higher order statistics spectrum decomposition for a unified texture model. , 0, , .		2
47	Unsupervised color image segmentation based on Gaussian mixture model. , 0, , .		6
48	Bootstrapping SVM active learning by incorporating unlabelled images for image retrieval. , 0, , .		33
49	Efficient video retrieval using shot clustering and alignment. , 0, , .		2
50	An extended Isomap algorithm for learning multi-class manifold. , 0, , .		16