Roland Hu

List of Publications by Year
in descending order

27 papers	261 citations	1307594 7 h-index	1199594 12 g-index
27 all docs	27 docs citations	27 times ranked	322 citing authors

#	Article	IF	Citations
1	Reinforcement Learning-based Mobile Edge Computing and Transmission Scheduling for Video Surveillance. IEEE Transactions on Emerging Topics in Computing, 2021, , 1-1.	4.6	10
2	Face Alignment by Combining Residual Features in Cascaded Hourglass Network. , 2018, , .		5
3	Find Who to Look at: Turning From Action to Saliency. IEEE Transactions on Image Processing, 2018, 27, 4529-4544.	9.8	14
4	A new sparse representation-based object segmentation framework. Visual Computer, 2017, 33, 179-192.	3.5	10
5	Topic evolution based on the probabilistic topic model: a review. Frontiers of Computer Science, 2017, 11, 786-802.	2.4	24
6	Object segmentation framework based on dictionary–group and sparse shape representation. Electronics Letters, 2017, 53, 584-586.	1.0	1
7	Topic discovery and evolution in scientific literature based on content and citations. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1511-1524.	2.6	10
8	Implicit kernel sparse shape representation: a sparse-neighbors-based objection segmentation framework. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 27.	1.5	0
9	Implicit kernel sparse shape representation: a sparse-neighbors-based objection segmentation framework. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 2552.	1.5	0
10	Implicit kernel presentation aware object segmentation framework. , 2016, , .		0
11	Generating language distance metrics by language recognition using acoustic features. , 2016, , .		0
12	Intracranial hemorrhage detection by 3D voxel segmentation on brain CT images. , 2015, , .		16
13	Robust sparse kernel density estimation by inducing randomness. Pattern Analysis and Applications, 2015, 18, 367-375.	4.6	6
14	3D face registration by depth-based template matching and active appearance model. , 2014, , .		1
15	Nose detection on 3D face images by depth-based template matching. , 2014, , .		6
16	Design and implementation of a surveillance camera system with face recognition functionality. , 2014, , .		1
17	Multimodal information joint learning for geotagged image search. , 2014, , .		2
18	Probabilistic hypergraph based hash codes for social image search. Journal of Zhejiang University: Science C, 2014, 15, 537-550.	0.7	2

#	Article	IF	Citations
19	3D Video Based Segmentation and Motion Estimation with Active Surface Evolution. Journal of Signal Processing Systems, 2013, 71, 21-34.	2.1	5
20	Deep Learning Shape Priors for Object Segmentation. , 2013, , .		48
21	Augmenting remote multimodal person verification by embedding voice characteristics into face images. , 2013, , .		2
22	Shape Sparse Representation for Joint Object Classification and Segmentation. IEEE Transactions on Image Processing, 2013, 22, 992-1004.	9.8	79
23	Reduced set density estimator for object segmentation based on shape probabilistic representation. Journal of Visual Communication and Image Representation, 2012, 23, 1085-1094.	2.8	7
24	Pooling Search: Serum Samples Test Simulated Video Fingerprint Search. , 2012, , .		0
25	Simultaneous variational image segmentation and object recognition via shape sparse representation. , 2010, , .		4
26	Incorporating Watson's perceptual model into patchwork watermarking for digital images. , 2010, , .		5
27	Optimal weighting of bimodal biometric information with specific application to audioâ€"visual person identification. Information Fusion, 2009, 10, 172-182.	19.1	3