Yunbo Rao

List of Publications by Year
in descending order

32 papers	393 citations	1163117 8 h-index	940533 16 g-index
32 all docs	32 docs citations	32 times ranked	409 citing authors

#	Article	IF	Citations
1	AIR-YOLOv3: Aerial Infrared Pedestrian Detection via an Improved YOLOv3 with Network Pruning. Applied Sciences (Switzerland), 2022, 12, 3627.	2.5	15
2	Semantic Point Cloud Segmentation Using Fast Deep Neural Network and DCRF. Sensors, 2021, 21, 2731.	3.8	3
3	A New Prediction Method of COVID-19 Epidemic. , 2021, , .		2
4	Using the Improved Mask R-cnn and Softer-nms for Target Segmentation of Remote Sensing Image. , 2021, , .		3
5	Optimization of Quantum Key Distribution Parameters Based on Random Forest. , 2021, , .		1
6	Using Channel Concatenation and Lightweight Atrous Convolution in U-net for Accurate Rectal Cancer Segmentation. , 2021, , .		1
7	Light-Net: Lightweight Object Detector. IEEE Access, 2020, 8, 201700-201712.	4.2	4
8	FPSiamRPN: Feature Pyramid Siamese Network With Region Proposal Network for Target Tracking. IEEE Access, 2020, 8, 176158-176169.	4.2	10
9	egoDetect: Visual Detection and Exploration of Anomaly in Social Communication Network. Sensors, 2020, 20, 5895.	3.8	2
10	A SYMMETRIC FULLY CONVOLUTIONAL RESIDUAL NETWORK WITH DCRF FOR ACCURATE TOOTH SEGMENTATION. IEEE Access, 2020, , 1-1.	4.2	14
11	Fast 3D Point Cloud Segmentation Using Deep Neural Network. , 2020, , .		0
12	A generalized mean distance-based k-nearest neighbor classifier. Expert Systems With Applications, 2019, 115, 356-372.	7.6	243
13	Large-Scale Image Search using Region Division. , 2019, , .		0
14	Multi-camera Background and Scene Activity Modelling Based on Spearman Correlation Analysis and Inception-V3 Network. , 2019, , .		3
15	STResNet_CF Tracker: The Deep Spatiotemporal Features Learning for Correlation Filter Based Robust Visual Object Tracking. IEEE Access, 2019, 7, 30142-30156.	4.2	12
16	Extreme Feature Regions Detection and Accurate Quality Assessment for Point-Cloud 3D Reconstruction. IEEE Access, 2019, 7, 37757-37769.	4.2	8
17	Complex Wavelet-Based Image Watermarking with the Human Visual Saliency Model. Electronics (Switzerland), 2019, 8, 1462.	3.1	4
18	A novel relevance feedback method for CBIR. World Wide Web, 2018, 21, 1505-1522.	4.0	10

#	Article	IF	Citations
19	Roads Detection of Aerial Image with FCN-CRF Model. , 2018, , .		3
20	A Saliency Detection Based Unsupervised Commodity Object Retrieval Scheme. IEEE Access, 2018, 6, 49902-49912.	4.2	5
21	Optimization algorithm based on texture feature and frame correlation in HEVC. Multimedia Tools and Applications, 2017, 76, 1959-1981.	3.9	1
22	Anterior cruciate ligament reconstruction model based on anatomical position locating. Multimedia Tools and Applications, 2017, 76, 9943-9958.	3.9	0
23	Region-based growing algorithm for 3D reconstruction from MRI images. , 2017, , .		0
24	Hybrid single image dehazing with bright channel and dark channel priors. , 2017, , .		8
25	An effective single image depth estimating algorithm. , 2017, , .		0
26	Flower classification using fusion descriptor and SVM. , 2017, , .		7
27	An effective SVM-based active feedback framework for image retrieval. , 2017, , .		0
28	A Multi-local Means Based Nearest Neighbor Classifier. , 2017, , .		8
29	Sparse codes fusion for context enhancement of night video surveillance. Multimedia Tools and Applications, 2016, 75, 11221-11239.	3.9	8
30	Detail-enhanced and brightness-adjusted exposure image fusion. Journal of Electronic Imaging, 2015, 24, 033017.	0.9	3
31	Automatic vehicle recognition in multiple cameras for video surveillance. Visual Computer, 2015, 31, 271-280.	3.5	15
32	New RGB-D features for object recognition on kernel view. , 2014, , .		0