Yaping Huang

List of Publications by Year
in descending order

39	737	687363	552781
papers	citations	13	26
		h-index	g-index

39	39	39	586
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Image Degradation and Degradation Removal to CNN-Based Image Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1239-1253.	13.9	121
2	Multi-label chest X-ray image classification via category-wise residual attention learning. Pattern Recognition Letters, 2020, 130, 259-266.	4.2	109
3	Thorax disease classification with attention guided convolutional neural network. Pattern Recognition Letters, 2020, 131, 38-45.	4.2	82
4	Learning Visual Similarity for Inspecting Defective Railway Fasteners. IEEE Sensors Journal, 2019, 19, 6844-6857.	4.7	54
5	Does Haze Removal Help CNN-Based Image Classification?. Lecture Notes in Computer Science, 2018, , 697-712.	1.3	47
6	A fast template matching-based algorithm for railway bolts detection. International Journal of Machine Learning and Cybernetics, 2014, 5, 835-844.	3.6	40
7	Robust Nighttime Vehicle Detection by Tracking and Grouping Headlights. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2838-2849.	8.0	32
8	Cap-Count Guided Weakly Supervised Insulator Cap Missing Detection in Aerial Images. IEEE Sensors Journal, 2021, 21, 685-691.	4.7	29
9	GraphNet. , 2018, , .		27
10	Discriminative Feature Learning for Thorax Disease Classification in Chest X-ray Images. IEEE Transactions on Image Processing, 2021, 30, 2476-2487.	9.8	27
11	RINDNet: Edge Detection for Discontinuity in Reflectance, Illumination, Normal and Depth. , 2021, , .		20
12	Super-resolution guided knowledge distillation for low-resolution image classification. Pattern Recognition Letters, 2022, 155, 62-68.	4.2	19
13	Object Discovery From a Single Unlabeled Image by Mining Frequent Itemsets With Multi-Scale Features. IEEE Transactions on Image Processing, 2020, 29, 8606-8621.	9.8	18
14	Integral Knowledge Distillation for Multi-Person Pose Estimation. IEEE Signal Processing Letters, 2020, 27, 436-440.	3.6	18
15	Joint Headlight Pairing and Vehicle Tracking by Weighted Set Packing in Nighttime Traffic Videos. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1950-1961.	8.0	15
16	Consistency Guided Network for Degraded Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2231-2246.	8.3	13
17	Motion-Aware Feature Enhancement Network for Video Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 688-700.	8.3	11
18	Learning From Pixel-Level Label Noise: A New Perspective for Semi-Supervised Semantic Segmentation. IEEE Transactions on Image Processing, 2022, 31, 623-635.	9.8	11

#	ARTICLE	IF	CITATIONS
19	Dynamic pedestrian trajectory forecasting with LSTM-based Delaunay triangulation. Applied Intelligence, 2022, 52, 3018-3028.	5.3	10
20	Railroad online: acquiring and visualizing route panoramas of rail scenes. Visual Computer, 2014, 30, 1045-1057.	3.5	8
21	Route panorama acquisition and rendering for high-speed railway monitoring. , 2013, , .		5
22	Combining Boundary and Region Information with Bolt Prior for Rail Surface Detection. IEICE Transactions on Information and Systems, 2012, E95-D, 690-693.	0.7	4
23	A light tracker for online multiple pedestrian tracking. Journal of Real-Time Image Processing, 2021, 18, 175-191.	3.5	4
24	Construct three-dimensional route from blueprint image of building. , 2008, , .		2
25	Learning Topographic Representations of Nature Images with Pairwise Cumulant. Neural Processing Letters, 2011, 34, 155-175.	3.2	2
26	Making better use of edges for sketch generation. Journal of Electronic Imaging, 2018, 27, 1.	0.9	2
27	Detecting dense text in natural images. IET Computer Vision, 2020, 14, 597-604.	2.0	2
28	A biologically inspired system for fast handwritten digit recognition. , 2011, , .		1
29	Complex Cell Descriptor Learning for Robust Object Recognition. IEICE Transactions on Information and Systems, 2011, E94-D, 1502-1505.	0.7	1
30	Thresholding Based on Maximum Weighted Object Correlation for Rail Defect Detection. IEICE Transactions on Information and Systems, 2012, E95.D, 1819-1822.	0.7	1
31	Rendering Railway Scenes in Cyberspace Based on Route Panoramas. , 2013, , .		1
32	Visual Indexing of Large Scale Train-Borne Video for Rail Condition Perceiving. IEICE Transactions on Information and Systems, 2017, E100.D, 2017-2026.	0.7	1
33	Face recognition with Neighboring Discriminant Analysis. , 2008, , .		0
34	A robust unsupervised algorithm of contour extraction. , 2008, , .		0
35	Learning Adaptive Correlations of Independent Components for Complex Cell Modeling. , 2009, , .		0
36	Create visual word pairs dynamically based on sparse codes of SIFT features for image categorization. , 2012, , .		0

#	Article	IF	Citations
37	A regularized restoration model based on geometrical features and noise evaluation. , 2014, , .		0
38	An online multiple object tracker based on structure keeper net. Applied Intelligence, 2021, 51, 8010.	5.3	0
39	Effects of Motion-Relevant Knowledge From Unlabeled Video to Human-Object Interaction Detection. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-14.	11.3	0