

# Hongkai Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

645  
citations

933447

10  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Let There Be Light: Improved Traffic Surveillance via Detail Preserving Night-to-Day Transfer. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8217-8226.	8.3	9
2	DADA: Driver Attention Prediction in Driving Accident Scenarios. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4959-4971.	8.0	46
3	Deep Domain Adaptation Based Multi-Spectral Salient Object Detection. IEEE Transactions on Multimedia, 2022, 24, 128-140.	7.2	9
4	Deep Learning for Object Detection in Materials-Science Images: A tutorial. IEEE Signal Processing Magazine, 2022, 39, 78-88.	5.6	4
5	Traffic Accident Detection via Self-Supervised Consistency Learning in Driving Scenarios. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9601-9614.	8.0	17
6	Domain adaptation from daytime to nighttime: A situation-sensitive vehicle detection and traffic flow parameter estimation framework. Transportation Research Part C: Emerging Technologies, 2021, 124, 102946.	7.6	41
7	Learning to Detect Phone-related Pedestrian Distracted Behaviors with Synthetic Data. , 2021, , .		4
8	Detecting phone-related pedestrian distracted behaviours via a two-branch convolutional neural network. IET Intelligent Transport Systems, 2021, 15, 147-158.	3.0	8
9	Degraded Image Semantic Segmentation With Dense-Gram Networks. IEEE Transactions on Image Processing, 2020, 29, 782-795.	9.8	33
10	Vehicle re-identification in tunnel scenes via synergistically cascade forests. Neurocomputing, 2020, 381, 227-239.	5.9	8
11	A New Method and Benchmark for Detecting Co-Saliency Within a Single Image. IEEE Transactions on Multimedia, 2020, 22, 3051-3063.	7.2	7
12	Weakly supervised easy-to-hard learning for object detection in image sequences. Neurocomputing, 2020, 398, 71-82.	5.9	9
13	Fusion of 3D LIDAR and Camera Data for Object Detection in Autonomous Vehicle Applications. IEEE Sensors Journal, 2020, 20, 4901-4913.	4.7	164
14	An easy-to-hard learning strategy for within-image co-saliency detection. Neurocomputing, 2019, 358, 166-176.	5.9	13
15	RNN-based default logic for route planning in urban environments. Neurocomputing, 2019, 338, 307-320.	5.9	14
16	Domain Adaptation for Convolutional Neural Networks-Based Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1324-1328.	3.1	83
17	Small Object Sensitive Segmentation of Urban Street Scene With Spatial Adjacency Between Object Classes. IEEE Transactions on Image Processing, 2019, 28, 2643-2653.	9.8	34
18	Simultaneous Tracking and Registration in SiC/SiC Serial Section Images. Microscopy and Microanalysis, 2018, 24, 570-571.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Multiple human tracking in wearable camera videos with informationless intervals. Pattern Recognition Letters, 2018, 112, 104-110.	4.2	5
20	Identifying designs from incomplete, fragmented cultural heritage objects by curve-pattern matching. Journal of Electronic Imaging, 2017, 26, 011022.	0.9	10
21	Loosecut: Interactive image segmentation with loosely bounded boxes. , 2017, , .		19
22	Feature sampling strategies for action recognition. , 2017, , .		0
23	On-the-Fly Performance Evaluation of Large-Scale Fiber Tracking. IS&T International Symposium on Electronic Imaging, 2017, 2017, 142-147.	0.4	0
24	Large-Scale Fiber Tracking Through Sparsely Sampled Image Sequences of Composite Materials. IEEE Transactions on Image Processing, 2016, 25, 4931-4942.	9.8	8
25	Automated lesion detection on MRI scans using combined unsupervised and supervised methods. BMC Medical Imaging, 2015, 15, 50.	2.7	35
26	Unsupervised co-segmentation based on a new global GMM constraint in MRF. , 2014, , .		15
27	Unsupervised cosegmentation based on superpixel matching and Fastgrabcut. , 2014, , .		4
28	Video-based traffic data collection system for multiple vehicle types. IET Intelligent Transport Systems, 2014, 8, 164-174.	3.0	45