Yun Liu

List of Publications by Year in descending order

36 papers	2,981 citations	361413 20 h-index	501196 28 g-index
37 all docs	37 docs citations	37 times ranked	2056 citing authors

#	Article	IF	Citations
1	Rethinking 3-D LiDAR Point Cloud Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-12.	11.3	142
2	MS-TCN++: Multi-Stage Temporal Convolutional Network for Action Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6647-6658.	13.9	101
3	Leveraging Instance-, Image- and Dataset-Level Information for Weakly Supervised Instance Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1415-1428.	13.9	62
4	DNA: Deeply Supervised Nonlinear Aggregation for Salient Object Detection. IEEE Transactions on Cybernetics, 2022, 52, 6131-6142.	9.5	39
5	Semantic Edge Detection with Diverse Deep Supervision. International Journal of Computer Vision, 2022, 130, 179-198.	15.6	27
6	MobileSal: Extremely Efficient RGB-D Salient Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 10261-10269.	13.9	48
7	Multi-Scale Interaction for Real-Time LiDAR Data Segmentation on an Embedded Platform. IEEE Robotics and Automation Letters, 2022, 7, 738-745.	5.1	32
8	EDN: Salient Object Detection via Extremely-Downsampled Network. IEEE Transactions on Image Processing, 2022, 31, 3125-3136.	9.8	59
9	2^n-Way Wideband Filtering Power Dividers With Good Isolation Enhanced by a Modified Isolation Network. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3177-3187.	4.6	6
10	Ordered or Orderless: A Revisit for Video Based Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1460-1466.	13.9	26
11	Nonlinear Regression via Deep Negative Correlation Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 982-998.	13.9	68
12	Regularized Densely-Connected Pyramid Network for Salient Instance Segmentation. IEEE Transactions on Image Processing, 2021, 30, 3897-3907.	9.8	19
13	Design of dualâ€band filtering power dividers with designable portâ€toâ€port isolation network. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22717.	1.2	1
14	Design of n-Way Wideband Filtering Power Dividers With Good Portâ€"Port Isolation. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3298-3306.	4.6	20
15	Lightweight Salient Object Detection via Hierarchical Visual Perception Learning. IEEE Transactions on Cybernetics, 2021, 51, 4439-4449.	9.5	56
16	SAMNet: Stereoscopically Attentive Multi-Scale Network for Lightweight Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 3804-3814.	9.8	115
17	DOTS: Decoupling Operation and Topology in Differentiable Architecture Search. , 2021, , .		14
18	GMS: Grid-Based Motion Statistics for Fast, Ultra-robust Feature Correspondence. International Journal of Computer Vision, 2020, 128, 1580-1593.	15.6	83

#	Article	IF	Citations
19	Proposal and Design of a Power Divider With Wideband Power Division and Port-to-Port Isolation: A New Topology. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1431-1438.	4.6	42
20	Refinedbox: Refining for fewer and high-quality object proposals. Neurocomputing, 2020, 406, 106-116.	5.9	13
21	Rethinking Computer-Aided Tuberculosis Diagnosis. , 2020, , .		56
22	A simple saliency detection approach via automatic top-down feature fusion. Neurocomputing, 2020, 388, 124-134.	5.9	10
23	Wideband Transition for Effective Excitation of Second Higher Order Mode in Microstrip Line. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 886-890.	4.0	4
24	Automatic Feature Exploration and an Application in Defect Prediction. IEEE Access, 2019, 7, 112097-112112.	4.2	8
25	Design of a wideband filtering power divider with good inâ€band and outâ€ofâ€band isolations. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21728.	1.2	10
26	Revisiting Multi-Level Feature Fusion: A Simple Yet Effective Network for Salient Object Detection. , 2019, , .		6
27	BING: Binarized normed gradients for objectness estimation at 300fps. Computational Visual Media, 2019, 5, 3-20.	17.5	42
28	Richer Convolutional Features for Edge Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1939-1946.	13.9	304
29	Sequential Optimization for Efficient High-Quality Object Proposal Generation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1209-1223.	13.9	35
30	Crowd Counting with Deep Negative Correlation Learning. , 2018, , .		183
31	Learning hybrid convolutional features for edge detection. Neurocomputing, 2018, 313, 377-385.	5.9	24
32	DEL: Deep Embedding Learning for Efficient Image Segmentation. , 2018, , .		32
33	Richer Convolutional Features for Edge Detection. , 2017, , .		427
34	Structure-Measure: A New Way to Evaluate Foreground Maps. , 2017, , .		827
35	HFS: Hierarchical Feature Selection forÂEfficient Image Segmentation. Lecture Notes in Computer Science, 2016, , 867-882.	1.3	36
36	Power control algorithm based on game theory in cognitive radio networks. , 2010, , .		3