

# Haibin Ling

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

4,472  
citations

19  
h-index

36  
g-index

36  
ext. papers

5,774  
ext. citations

6.2  
avg, IF

6.24  
L-index

#	Paper	IF	Citations
34	Shape classification using the inner-distance. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2007</b> , 29, 286-99	13.3	763
33	Robust visual tracking and vehicle classification via sparse representation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2011</b> , 33, 2259-72	13.3	655
32	LIME: Low-Light Image Enhancement via Illumination Map Estimation. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 982-993	8.7	578
31	Encoding color information for visual tracking: Algorithms and benchmark. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 5630-44	8.7	412
30	DeepSaliency: Multi-Task Deep Neural Network Model for Salient Object Detection. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 3919-30	8.7	336
29	An efficient Earth Mover's Distance algorithm for robust histogram comparison. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2007</b> , 29, 840-53	13.3	243
28	M2Det: A Single-Shot Object Detector Based on Multi-Level Feature Pyramid Network. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 9259-9266	5	236
27	Salient Object Detection via Structured Matrix Decomposition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2017</b> , 39, 818-832	13.3	211
26	<b>2017</b> ,		188
25	Transfer Learning Based Visual Tracking with Gaussian Processes Regression. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 188-203	0.9	176
24	Multiscale distance matrix for fast plant leaf recognition. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 4667-72	8.7	131
23	The Sixth Visual Object Tracking VOT2018 Challenge Results. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 3-53	0.9	67
22	Searching the World's Herbaria: A System for Visual Identification of Plant Species. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 116-129	0.9	62
21	First steps toward an electronic field guide for plants. <i>Taxon</i> , <b>2006</b> , 55, 597-610	0.8	60
20	Dynamical Hyperparameter Optimization via Deep Reinforcement Learning in Tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , 43, 1515-1529	13.3	55
19	Finding the Best from the Second Bests - Inhibiting Subjective Bias in Evaluation of Visual Tracking Algorithms <b>2013</b> ,		47
18	Balancing Deformability and Discriminability for Shape Matching. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 411-424	0.9	45

17	Angular pattern and binary angular pattern for shape retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2014</b> , 23, 1118-27	8.7	35
16	Deformation invariant image matching <b>2005</b> ,		22
15	The Eighth Visual Object Tracking VOT2020 Challenge Results. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 547-601	0.9	19
14	Parallel Tracking and Verifying. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	18
13	Human activity prediction using temporally-weighted generalized time warping. <i>Neurocomputing</i> , <b>2017</b> , 225, 139-147	5.4	18
12	VisDrone-VID2019: The Vision Meets Drone Object Detection in Video Challenge Results <b>2019</b> ,		18
11	Diffusion Distance for Histogram Comparison		16
10	Using the inner-distance for classification of articulated shapes		14
9	Multi-Content Complementation Network for Salient Object Detection in Optical Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	9
8	<b>2017</b> ,		8
7	<b>2021</b> ,		8
6	Tracking-by-Fusion via Gaussian Process Regression Extended to Transfer Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2020</b> , 42, 939-955	13.3	8
5	Online single target tracking in WAMI: benchmark and evaluation. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 10939-10960	2.5	4
4	Lightweight Salient Object Detection in Optical Remote Sensing Images via Feature Correlation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	3
3	TrackClinic: Diagnosis of Challenge Factors in Visual Tracking <b>2021</b> ,		3
2	. <i>IEEE Transactions on Multimedia</i> , <b>2021</b> , 1-1	6.6	2
1	Planar object tracking benchmark in the wild. <i>Neurocomputing</i> , <b>2021</b> , 454, 254-267	5.4	1