

# Jianming Zhang

## List of Publications by Year in descending order

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36  
papers

3,010  
citations

758635

12  
h-index

713013

21  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2699  
citing authors

#	ARTICLE	IF	CITATIONS
1	MEEM: Robust Tracking via Multiple Experts Using Entropy Minimization. Lecture Notes in Computer Science, 2014, , 188-203.	1.0	644
2	Saliency Detection: A Boolean Map Approach. , 2013, , .		358
3	Top-Down Neural Attention by Excitation Backprop. International Journal of Computer Vision, 2018, 126, 1084-1102.	10.9	350
4	Minimum Barrier Salient Object Detection at 80 FPS. , 2015, , .		313
5	Exploiting Surroundedness for Saliency Detection: A Boolean Map Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 889-902.	9.7	185
6	Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.	2.6	148
7	Visual object tracking based on residual network and cascaded correlation filters. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8427-8440.	3.3	141
8	Top-Down Neural Attention by Excitation Backprop. Lecture Notes in Computer Science, 2016, , 543-559.	1.0	104
9	Decoding Children's Social Behavior. , 2013, , .		103
10	SDC-Depth: Semantic Divide-and-Conquer Network for Monocular Depth Estimation. , 2020, , .		77
11	Unconstrained Salient Object Detection via Proposal Subset Optimization. , 2016, , .		69
12	Action Recognition and Localization by Hierarchical Space-Time Segments. , 2013, , .		64
13	Salient Object Subitizing. , 2015, , .		59
14	Multimodal Contrastive Training for Visual Representation Learning. , 2021, , .		54
15	Online Multi-person Tracking by Tracker Hierarchy. , 2012, , .		52
16	Excitation Backprop for RNNs. , 2018, , .		30
17	Distractor-aware visual tracking using hierarchical correlation filters adaptive selection. Applied Intelligence, 2022, 52, 6129-6147.	3.3	30
18	FlyCam: Multitouch Gesture Controlled Drone Gimbal Photography. IEEE Robotics and Automation Letters, 2018, 3, 3717-3724.	3.3	26

#	ARTICLE	IF	CITATIONS
19	CLIFFNet for Monocular Depth Estimation with Hierarchical Embedding Loss. Lecture Notes in Computer Science, 2020, , 316-331.	1.0	24
20	Deep Image Compositing. , 2021, , .		21
21	Siamese anchor-free object tracking with multiscale spatial attentions. Scientific Reports, 2021, 11, 22908.	1.6	21
22	Explainable Deep Classification Models for Domain Generalization. , 2021, , .		19
23	Unsupervised Video Object Segmentation with Joint Hotspot Tracking. Lecture Notes in Computer Science, 2020, , 490-506.	1.0	18
24	Guided Zoom: Zooming into Network Evidence to Refine Fine-Grained Model Decisions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4196-4202.	9.7	15
25	Salient Object Subitizing. International Journal of Computer Vision, 2017, 124, 169-186.	10.9	14
26	Space-Time Tree Ensemble for Action Recognition and Localization. International Journal of Computer Vision, 2018, 126, 314-332.	10.9	11
27	Excitation Dropout: Encouraging Plasticity in Deep Neural Networks. International Journal of Computer Vision, 2021, 129, 1139-1152.	10.9	11
28	GAPLE: Generalizable Approaching Policy LEarning for Robotic Object Searching in Indoor Environment. IEEE Robotics and Automation Letters, 2019, 4, 4003-4010.	3.3	10
29	Sequence-to-Segments Networks for Detecting Segments in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1009-1021.	9.7	9
30	Predicting Foreground Object Ambiguity and Efficiently Crowdsourcing the Segmentation(s). International Journal of Computer Vision, 2018, 126, 714-730.	10.9	8
31	A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	8
32	Visual Saliency: From Pixel-Level to Object-Level Analysis. , 2019, , .		5
33	The Boolean Map Distance: Theory and Efficient Computation. Lecture Notes in Computer Science, 2017, , 335-346.	1.0	3
34	Concept Mask: Large-Scale Segmentation from Semantic Concepts. Lecture Notes in Computer Science, 2018, , 542-557.	1.0	2
35	Unconstrained Salient Object Detection. , 2019, , 95-111.		1
36	Boolean Map Saliency: A Surprisingly Simple Method. , 2019, , 11-31.		0