Jianming Zhang

List of Publications by Year
in descending order

36 papers	3,010 citations	12 h-index
39 all docs	39 docs citations	39 times ranked

758635

713013

21 g-index

2699 citing authors

#	Article	IF	Citations
1	Distractor-aware visual tracking using hierarchical correlation filters adaptive selection. Applied Intelligence, 2022, 52, 6129-6147.	3.3	30
2	Sequence-to-Segments Networks for Detecting Segments in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1009-1021.	9.7	9
3	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
4	Explainable Deep Classification Models for Domain Generalization. , 2021, , .		19
5	Deep Image Compositing. , 2021, , .		21
6	Excitation Dropout: Encouraging Plasticity in Deep Neural Networks. International Journal of Computer Vision, 2021, 129, 1139-1152.	10.9	11
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	Multimodal Contrastive Training for Visual Representation Learning. , 2021, , .		54
9	Siamese anchor-free object tracking with multiscale spatial attentions. Scientific Reports, 2021, 11, 22908.	1.6	21
10	Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.	2.6	148
11	SDC-Depth: Semantic Divide-and-Conquer Network for Monocular Depth Estimation. , 2020, , .		77
12	Unsupervised Video Object Segmentation with Joint Hotspot Tracking. Lecture Notes in Computer Science, 2020, , 490-506.	1.0	18
13	CLIFFNet for Monocular Depth Estimation with Hierarchical Embedding Loss. Lecture Notes in Computer Science, 2020, , 316-331.	1.0	24
14	GAPLE: Generalizable Approaching Policy LEarning for Robotic Object Searching in Indoor Environment. IEEE Robotics and Automation Letters, 2019, 4, 4003-4010.	3.3	10
15	Visual Saliency: From Pixel-Level to Object-Level Analysis. , 2019, , .		5
16	Boolean Map Saliency: A Surprisingly Simple Method. , 2019, , 11-31.		0
17	Unconstrained Salient Object Detection. , 2019, , 95-111.		1
18	Predicting Foreground Object Ambiguity and Efficiently Crowdsourcing the Segmentation(s). International Journal of Computer Vision, 2018, 126, 714-730.	10.9	8

#	Article	IF	Citations
19	Top-Down Neural Attention by Excitation Backprop. International Journal of Computer Vision, 2018, 126, 1084-1102.	10.9	350
20	Space-Time Tree Ensemble for Action Recognition and Localization. International Journal of Computer Vision, 2018, 126, 314-332.	10.9	11
21	A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	8
22	Excitation Backprop for RNNs. , 2018, , .		30
23	FlyCam: Multitouch Gesture Controlled Drone Gimbal Photography. IEEE Robotics and Automation Letters, 2018, 3, 3717-3724.	3.3	26
24	Concept Mask: Large-Scale Segmentation from Semantic Concepts. Lecture Notes in Computer Science, 2018, , 542-557.	1.0	2
25	Salient Object Subitizing. International Journal of Computer Vision, 2017, 124, 169-186.	10.9	14
26	The Boolean Map Distance: Theory and Efficient Computation. Lecture Notes in Computer Science, 2017, , 335-346.	1.0	3
27	Unconstrained Salient Object Detection via Proposal Subset Optimization. , 2016, , .		69
28	Top-Down Neural Attention by Excitation Backprop. Lecture Notes in Computer Science, 2016, , 543-559.	1.0	104
29	Exploiting Surroundedness for Saliency Detection: A Boolean Map Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 889-902.	9.7	185
30	Minimum Barrier Salient Object Detection at 80 FPS. , 2015, , .		313
31	Salient Object Subitizing. , 2015, , .		59
32	MEEM: Robust Tracking via Multiple Experts Using Entropy Minimization. Lecture Notes in Computer Science, 2014, , 188-203.	1.0	644
33	Saliency Detection: A Boolean Map Approach. , 2013, , .		358
34	Action Recognition and Localization by Hierarchical Space-Time Segments. , 2013, , .		64
35	Decoding Children's Social Behavior. , 2013, , .		103
36	Online Multi-person Tracking by Tracker Hierarchy. , 2012, , .		52