Dahua Lin

List of Publications by Year
in descending order

87	9,559	293460	406436
papers	citations	24	35
		h-index	g-index

88	88	88	6264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Jointly Learning the Attributes and Composition of Shots for Boundary Detection in Videos. IEEE Transactions on Multimedia, 2022, 24, 3049-3059.	5.2	5
2	Towards Statistically Provable Geometric 3D Human Pose Recovery. SIAM Journal on Imaging Sciences, 2021, 14, 246-270.	1.3	0
3	Towards Balanced Learning for Instance Recognition. International Journal of Computer Vision, 2021, 129, 1376-1393.	10.9	16
4	Seesaw Loss for Long-Tailed Instance Segmentation. , 2021, , .		99
5	BlockPlanner: City Block Generation with Vectorized Graph Representation. , 2021, , .		6
6	Temporal Action Detection with Structured Segment Networks. International Journal of Computer Vision, 2020, 128, 74-95.	10.9	33
7	Open Compound Domain Adaptation. , 2020, , .		63
8	Learning to Cluster Faces via Confidence and Connectivity Estimation. , 2020, , .		52
9	A Local-to-Global Approach to Multi-Modal Movie Scene Segmentation. , 2020, , .		81
10	Caption-Supervised Face Recognition: Training a State-of-the-Art Face Model Without Manual Annotation. Lecture Notes in Computer Science, 2020, , 139-155.	1.0	16
11	Exploiting Deep Generative Prior for Versatile Image Restoration and Manipulation. Lecture Notes in Computer Science, 2020, , 262-277.	1.0	70
12	Distribution-Balanced Loss for Multi-label Classification in Long-Tailed Datasets. Lecture Notes in Computer Science, 2020, , 162-178.	1.0	96
13	Side-Aware Boundary Localization for More Precise Object Detection. Lecture Notes in Computer Science, 2020, , 403-419.	1.0	78
14	MovieNet: A Holistic Dataset for Movie Understanding. Lecture Notes in Computer Science, 2020, , 709-727.	1.0	62
15	Omni-Sourced Webly-Supervised Learning for Video Recognition. Lecture Notes in Computer Science, 2020, , 670-688.	1.0	35
16	Fastened CROWN: Tightened Neural Network Robustness Certificates. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5037-5044.	3.6	20
17	A Unified Framework for Shot Type Classification Based on Subject Centric Lens. Lecture Notes in Computer Science, 2020, , 17-34.	1.0	30
18	Motion Guided 3D Pose Estimation from Videos. Lecture Notes in Computer Science, 2020, , 764-780.	1.0	74

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19	Online Multi-modal Person Search in Videos. Lecture Notes in Computer Science, 2020, , 174-190.	1.0	18
20	Placepedia: Comprehensive Place Understanding with Multi-faceted Annotations. Lecture Notes in Computer Science, 2020, , 85-103.	1.0	5
21	Learn to Propagate Reliably on Noisy Affinity Graphs. Lecture Notes in Computer Science, 2020, , 447-464.	1.0	11
22	Adapting Object Detectors via Selective Cross-Domain Alignment. , 2019, , .		224
23	Recursive Visual Sound Separation Using Minus-Plus Net. , 2019, , .		53
24	A Graph-Based Framework to Bridge Movies and Synopses. , 2019, , .		36
25	Learning to Cluster Faces on an Affinity Graph. , 2019, , .		79
26	Convolutional Sequence Generation for Skeleton-Based Action Synthesis. , 2019, , .		67
27	Temporal Segment Networks for Action Recognition in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2740-2755.	9.7	446
28	Optimizing Video Object Detection via a Scale-Time Lattice. , 2018, , .		74
29	Low-Latency Video Semantic Segmentation. , 2018, , .		95
30	Unsupervised Feature Learning via Non-parametric Instance Discrimination. , 2018, , .		1,546
31	Unifying Identification and Context Learning for Person Recognition. , 2018, , .		30
32	Generative Adversarial Frontal View to Bird View Synthesis. , 2018, , .		30
33	Learning Globally Optimized Object Detector via Policy Gradient. , 2018, , .		19
34	Recognize Actions by Disentangling Components of Dynamics. , 2018, , .		55
35	Lifelong Learning via Progressive Distillation and Retrospection. Lecture Notes in Computer Science, 2018, , 452-467.	1.0	84
36	Rethinking the Form of Latent States in Image Captioning. Lecture Notes in Computer Science, 2018, , 294-310.	1.0	7

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37	Penalizing Top Performers: Conservative Loss for Semantic Segmentation Adaptation. Lecture Notes in Computer Science, 2018, , 587-603.	1.0	44
38	Find and Focus: Retrieve and Localize Video Events with Natural Language Queries. Lecture Notes in Computer Science, 2018, , 202-218.	1.0	44
39	PSANet: Point-wise Spatial Attention Network for Scene Parsing. Lecture Notes in Computer Science, 2018, , 270-286.	1.0	545
40	Consensus-Driven Propagation in Massive Unlabeled Data for Face Recognition. Lecture Notes in Computer Science, 2018, , 576-592.	1.0	44
41	Pose Guided Human Video Generation. Lecture Notes in Computer Science, 2018, , 204-219.	1.0	67
42	Move Forward and Tell: A Progressive Generator of Video Descriptions. Lecture Notes in Computer Science, 2018, , 489-505.	1.0	59
43	Person Search in Videos with One Portrait Through Visual and Temporal Links. Lecture Notes in Computer Science, 2018, , 437-454.	1.0	34
44	Temporal Action Detection with Structured Segment Networks. , 2017, , .		567
45	Be Your Own Prada: Fashion Synthesis with Structural Coherence. , 2017, , .		162
46	Discover and Learn New Objects from Documentaries. , 2017, , .		14
47	Detecting Visual Relationships with Deep Relational Networks. , 2017, , .		320
48	UntrimmedNets for Weakly Supervised Action Recognition and Detection. , 2017, , .		344
49	Towards Diverse and Natural Image Descriptions via a Conditional GAN. , 2017, , .		269
50	PolyNet: A Pursuit of Structural Diversity in Very Deep Networks. , 2017, , .		128
51	Integrating Specialized Classifiers Based on Continuous Time Markov Chain. , 2017, , .		2
52	Scalable Estimation of Dirichlet Process Mixture Models on Distributed Data. , 2017, , .		3
53	Joint Inference of Objects and Scenes With Efficient Learning of Text-Object-Scene Relations. IEEE Transactions on Multimedia, 2016, 18, 507-520.	5.2	5
54	Deep Markov Random Field for Image Modeling. Lecture Notes in Computer Science, 2016, , 295-312.	1.0	14

#	ARTICLE	IF	CITATIONS
55	Temporal Segment Networks: Towards Good Practices for Deep Action Recognition. Lecture Notes in Computer Science, 2016, , 20-36.	1.0	1,555
56	Recognize complex events from static images by fusing deep channels. , 2015, , .		22
57	Generating Multi-sentence Natural Language Descriptions of Indoor Scenes. , 2015, , .		15
58	Mining text snippets for images on the web. , 2014, , .		2
59	Visual Semantic Search: Retrieving Videos via Complex Textual Queries. , 2014, , .		89
60	What Are You Talking About? Text-to-Image Coreference. , 2014, , .		108
61	Molecular recognition using corona phase complexes made of synthetic polymers adsorbed on carbon nanotubes. Nature Nanotechnology, 2013, 8, 959-968.	15.6	282
62	Hidden Factor Analysis for Age Invariant Face Recognition. , 2013, , .		122
63	Characterizing Layouts of Outdoor Scenes Using Spatial Topic Processes. , 2013, , .		11
64	Holistic Scene Understanding for 3D Object Detection with RGBD Cameras. , 2013, , .		177
65	Manifold guided composite of Markov random fields for image modeling. , 2012, , .		1
66	Low level vision via switchable Markov random fields. , 2012, , .		3
67	Learning Deformations with Parallel Transport. Lecture Notes in Computer Science, 2012, , 287-300.	1.0	2
68	Single Molecule Detection of Nitric Oxide Enabled by d(AT)$_{15}$ DNA Adsorbed to Near Infrared Fluorescent Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2011, 133, 567-581.	6.6	177
69	Modeling and estimating persistent motion with geometric flows. , 2010, , .		20
70	Joint People, Event, and Location Recognition in Personal Photo Collections Using Cross-Domain Context. Lecture Notes in Computer Science, 2010, , 243-256.	1.0	30
71	Learning visual flows: A Lie algebraic approach. , 2009, , .		32
72	Nonparametric Discriminant Analysis for Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 755-761.	9.7	153

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73	Learning visual flows: A Lie algebraic approach. , 2009, , .		1
74	Quality-Driven Face Occlusion Detection and Recovery. , 2007, , .		38
75	Discriminant Mutual Subspace Learning for Indoor and Outdoor Face Recognition. , 2007, , .		2
76	Conditional Infomax Learning: An Integrated Framework for Feature Extraction and Fusion. Lecture Notes in Computer Science, 2006, , 68-82.	1.0	118
77	Comparative study: face recognition on unspecific persons using linear subspace methods. , 2005, , .		1
78	Tensor-based factor decomposition for relighting. , 2005, , .		2
79	Layered local prediction network with dynamic learning for face super-resolution. , 2005, , .		2
80	Face hallucination through dual associative learning. , 2005, , .		2
81	Feedback-based dynamic generalized LDA for face recognition. , 2005, , .		0
82	Coupled space learning of image style transformation. , 2005, , .		4
83	Nonparametric Subspace Analysis for Face Recognition. , 0, , .		20
84	Neighbor Combination and Transformation for Hallucinating Faces. , 0, , .		13
85	Hallucinating Faces: TensorPatch Super-Resolution and Coupled Residue Compensation. , 0, , .		37
86	Recognize High Resolution Faces: From Macrocosm to Microcosm. , 0, , .		20
87	Pursuing Informative Projection on Grassmann Manifold. , 0, , .		2