

Jiashi Feng

List of Publications by Year in descending order

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92
papers

8,753
citations

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docs citations

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times ranked

6729
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Age-Invariant Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 474-487.	9.7	32
2	Image-to-Video Generation via 3D Facial Dynamics. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1805-1819.	5.6	15
3	Robust Video-Based Person Re-Identification by Hierarchical Mining. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8179-8191.	5.6	19
4	Joint Face Image Restoration and Frontalization for Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1285-1298.	5.6	27
5	Dense Attentive Feature Enhancement for Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8128-8141.	5.6	17
6	Velocity-to-velocity human motion forecasting. Pattern Recognition, 2022, 124, 108424.	5.1	2
7	SODAR: Exploring Locally Aggregated Learning of Mask Representations for Instance Segmentation. IEEE Transactions on Image Processing, 2022, 31, 839-851.	6.0	0
8	Heterogeneous Domain Adaptation via Covariance Structured Feature Translators. IEEE Transactions on Cybernetics, 2021, 51, 2166-2177.	6.2	14
9	Faster First-Order Methods for Stochastic Non-Convex Optimization on Riemannian Manifolds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 459-472.	9.7	14
10	Anytime Recognition with Routing Convolutional Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1875-1886.	9.7	7
11	Visual Relationship Detection With Visual-Linguistic Knowledge From Multimodal Representations. IEEE Access, 2021, 9, 50441-50451.	2.6	15
12	Detail Preserving Coarse-to-Fine Matching for Stereo Matching and Optical Flow. IEEE Transactions on Image Processing, 2021, 30, 5835-5847.	6.0	5
13	Cross-Layer Feature Pyramid Network for Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 4587-4598.	6.0	34
14	PVRED: A Position-Velocity Recurrent Encoder-Decoder for Human Motion Prediction. IEEE Transactions on Image Processing, 2021, 30, 6096-6106.	6.0	14
15	Spatial-Aware Texture Transformer for High-Fidelity Garment Transfer. IEEE Transactions on Image Processing, 2021, 30, 7499-7510.	6.0	7
16	3D Face Reconstruction From A Single Image Assisted by 2D Face Images in the Wild. IEEE Transactions on Multimedia, 2021, 23, 1160-1172.	5.2	58
17	Recovering the Unbiased Scene Graphs from the Biased Ones. , 2021, , .		49
18	PnP-DETR: Towards Efficient Visual Analysis with Transformers. , 2021, , .		29

#	ARTICLE	IF	CITATIONS
19	Tensor Robust Principal Component Analysis with a New Tensor Nuclear Norm. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 925-938.	9.7	500
20	Joint Rain Detection and Removal from a Single Image with Contextualized Deep Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1377-1393.	9.7	224
21	Dual Adversarial Autoencoders for Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1417-1424.	7.2	27
22	Deep neural networks and kernel regression achieve comparable accuracies for functional connectivity prediction of behavior and demographics. NeuroImage, 2020, 206, 116276.	2.1	187
23	Recognizing Profile Faces by Imagining Frontal View. International Journal of Computer Vision, 2020, 128, 460-478.	10.9	28
24	PML-LocNet: Improving Object Localization With Prior-Induced Multi-View Learning Network. IEEE Transactions on Image Processing, 2020, 29, 2568-2582.	6.0	2
25	Deep Clustering With Sample-Assignment Invariance Prior. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4857-4868.	7.2	98
26	ORDNet: Capturing Omni-Range Dependencies for Scene Parsing. IEEE Transactions on Image Processing, 2020, 29, 8251-8263.	6.0	15
27	Predicting Alzheimer's disease progression using deep recurrent neural networks. NeuroImage, 2020, 222, 117203.	2.1	76
28	Temporally Refined Graph U-Nets for Human Shape and Pose Estimation From Monocular Videos. IEEE Signal Processing Letters, 2020, 27, 1949-1953.	2.1	4
29	Adaptive ROI generation for video object segmentation using reinforcement learning. Pattern Recognition, 2020, 106, 107465.	5.1	26
30	Unsupervised Video Summarization With Cycle-Consistent Adversarial LSTM Networks. IEEE Transactions on Multimedia, 2020, 22, 2711-2722.	5.2	28
31	Deep Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5509-5521.	7.2	74
32	Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. JAMA Network Open, 2020, 3, e200265.	2.8	236
33	Deep multi-person kinship matching and recognition for family photos. Pattern Recognition, 2020, 105, 107342.	5.1	14
34	A Balanced and Uncertainty-Aware Approach for Partial Domain Adaptation. Lecture Notes in Computer Science, 2020, , 123-140.	1.0	32
35	3D-Aided Dual-Agent GANs for Unconstrained Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2380-2394.	9.7	80
36	Toward a Comprehensive Face Detector in the Wild. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 104-114.	5.6	20

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37	Online Robust Low-Rank Tensor Modeling for Streaming Data Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1061-1075.	7.2	22
38	Look across Elapse: Disentangled Representation Learning and Photorealistic Cross-Age Face Synthesis for Age-Invariant Face Recognition. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9251-9258.	3.6	60
39	Frame-Consistent Recurrent Video Deraining With Dual-Level Flow. , 2019, , .		70
40	Dynamic Kernel Distillation for Efficient Pose Estimation in Videos. , 2019, , .		42
41	Cycle-SUM: Cycle-Consistent Adversarial LSTM Networks for Unsupervised Video Summarization. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9143-9150.	3.6	68
42	A Simple Pooling-Based Design for Real-Time Salient Object Detection. , 2019, , .		585
43	Few-Shot Object Detection via Feature Reweighting. , 2019, , .		371
44	Single-Stage Multi-Person Pose Machines. , 2019, , .		147
45	Online Meta Adaptation for Fast Video Object Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	9.7	17
46	Anticipating Where People will Look Using Adversarial Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1783-1796.	9.7	16
47	Recurrent Face Aging with Hierarchical AutoRegressive Memory. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 654-668.	9.7	16
48	Subspace Clustering by Block Diagonal Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 487-501.	9.7	267
49	Compressed-Domain Highway Vehicle Counting by Spatial and Temporal Regression. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 263-274.	5.6	15
50	Multi-Prototype Networks for Unconstrained Set-based Face Recognition. , 2019, , .		27
51	Deep Salient Object Detection With Dense Connections and Distraction Diagnosis. IEEE Transactions on Multimedia, 2018, 20, 3239-3251.	5.2	55
52	A Unified Alternating Direction Method of Multipliers by Majorization Minimization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 527-541.	9.7	118
53	Video-Based Person Re-Identification With Accumulative Motion Context. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2788-2802.	5.6	94
54	Video super-resolution based on spatial-temporal recurrent residual networks. Computer Vision and Image Understanding, 2018, 168, 79-92.	3.0	44

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55	Towards Pose Invariant Face Recognition in the Wild. , 2018, , .		157
56	Human Pose Estimation with Parsing Induced Learner. , 2018, , .		63
57	Deep Adversarial Subspace Clustering. , 2018, , .		106
58	Dynamic Conditional Networks for Few-Shot Learning. Lecture Notes in Computer Science, 2018, , 20-36.	1.0	46
59	Attention-Aware Deep Adversarial Hashing for Cross-Modal Retrieval. Lecture Notes in Computer Science, 2018, , 614-629.	1.0	91
60	Finding any Waldo with zero-shot invariant and efficient visual search. Nature Communications, 2018, 9, 3730.	5.8	25
61	Landmark Free Face Attribute Prediction. IEEE Transactions on Image Processing, 2018, 27, 4651-4662.	6.0	20
62	Modeling Alzheimer's disease progression using deep recurrent neural networks. , 2018, , .		26
63	Is deep learning better than kernel regression for functional connectivity prediction of fluid intelligence?. , 2018, , .		18
64	Structured AutoEncoders for Subspace Clustering. IEEE Transactions on Image Processing, 2018, 27, 5076-5086.	6.0	284
65	TSS ² SC: Tight Box Mining with Surrounding Segmentation Context for Weakly Supervised Object Detection. Lecture Notes in Computer Science, 2018, , 454-470.	1.0	40
66	3D-Aided Deep Pose-Invariant Face Recognition. , 2018, , .		49
67	Exact Low Tubal Rank Tensor Recovery from Gaussian Measurements. , 2018, , .		43
68	A survey on deep learning-based fine-grained object classification and semantic segmentation. International Journal of Automation and Computing, 2017, 14, 119-135.	4.5	226
69	End-to-End Comparative Attention Networks for Person Re-Identification. IEEE Transactions on Image Processing, 2017, 26, 3492-3506.	6.0	427
70	STC: A Simple to Complex Framework for Weakly-Supervised Semantic Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2314-2320.	9.7	390
71	Deep Edge Guided Recurrent Residual Learning for Image Super-Resolution. IEEE Transactions on Image Processing, 2017, 26, 5895-5907.	6.0	157
72	Deep Joint Rain Detection and Removal from a Single Image. , 2017, , .		609

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73	Outlier-Robust Tensor PCA. , 2017, , .		55
74	Object Region Mining with Adversarial Erasing: A Simple Classification to Semantic Segmentation Approach. , 2017, , .		517
75	Deep Future Gaze: Gaze Anticipation on Egocentric Videos Using Adversarial Networks. , 2017, , .		69
76	Regional Interactive Image Segmentation Networks. , 2017, , .		86
77	Know You at One Glance: A Compact Vector Representation for Low-Shot Learning. , 2017, , .		26
78	Integrated Face Analytics Networks through Cross-Dataset Hybrid Training. , 2017, , .		14
79	Training Group Orthogonal Neural Networks with Privileged Information. , 2017, , .		25
80	Online Robust Low-Rank Tensor Learning. , 2017, , .		7
81	Recurrent Face Aging. , 2016, , .		135
82	Recurrently Target-Attending Tracking. , 2016, , .		112
83	Tensor Robust Principal Component Analysis: Exact Recovery of Corrupted Low-Rank Tensors via Convex Optimization. , 2016, , .		310
84	Robust Facial Landmark Detection via Recurrent Attentive-Refinement Networks. Lecture Notes in Computer Science, 2016, , 57-72.	1.0	106
85	A Live Face Swapper. , 2016, , .		3
86	Robust Face Recognition with Deep Multi-View Representation Learning. , 2016, , .		37
87	Collaborative Linear Coding for Robust Image Classification. International Journal of Computer Vision, 2015, 114, 322-333.	10.9	8
88	Robust Subspace Segmentation with Block-Diagonal Prior. , 2014, , .		129
89	Improving Bottom-up Saliency Detection by Looking into Neighbors. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1016-1028.	5.6	9
90	Correlation Adaptive Subspace Segmentation by Trace Lasso. , 2013, , .		149

#	ARTICLE	IF	CITATIONS
91	Histogram Contextualization. IEEE Transactions on Image Processing, 2012, 21, 778-788.	6.0	10
92	Geometric ℓ_1/ℓ_2 -norm feature pooling for image classification. , 2011, , .		86