

Xiaohua Xie

List of Publications by Year in descending order

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70
papers

1,386
citations

516710

16
h-index

414414

32
g-index

73
all docs

73
docs citations

73
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight Texture Correlation Network for Pose Guided Person Image Generation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4584-4598.	8.3	9
2	Seeing Like a Human: Asynchronous Learning With Dynamic Progressive Refinement for Person Re-Identification. IEEE Transactions on Image Processing, 2022, 31, 352-365.	9.8	15
3	Successive Consensus Clustering for Unsupervised Video-Based Person Re-Identification. IEEE Signal Processing Letters, 2022, 29, 822-826.	3.6	3
4	Cross-Channel Dynamic Weighting RPCA: A De-Noising Algorithm for Multi-Channel Arterial Pulse Signal. Applied Sciences (Switzerland), 2022, 12, 2931.	2.5	3
5	Selective Intra-Image Similarity for Personalized Fixation-Based Object Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7910-7923.	8.3	2
6	Optical Flow Estimation Based on the Frequency-Domain Regularization. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 217-230.	8.3	9
7	Weakly Supervised Learning for Raindrop Removal on a Single Image. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1673-1683.	8.3	11
8	Contour-Aware Loss: Boundary-Aware Learning for Salient Object Segmentation. IEEE Transactions on Image Processing, 2021, 30, 431-443.	9.8	58
9	Learning Modal-Invariant Angular Metric by Cyclic Projection Network for VIS-NIR Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 8019-8033.	9.8	25
10	Resolution-Aware Knowledge Distillation for Efficient Inference. IEEE Transactions on Image Processing, 2021, 30, 6985-6996.	9.8	15
11	Homogeneous-to-Heterogeneous: Unsupervised Learning for RGB-Infrared Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 6392-6407.	9.8	28
12	RelightGAN: Instance-level Generative Adversarial Network for Face Illumination Transfer. IEEE Transactions on Image Processing, 2021, 30, 3450-3460.	9.8	6
13	Open-World Group Retrieval with Ambiguity Removal: A Benchmark. , 2021, , .		0
14	The novel three-dimensional pulse images analyzed by dynamic L-cube polynomial model. Medical and Biological Engineering and Computing, 2021, 59, 315-326.	2.8	4
15	Motion Estimation with L_{0} Norm Regularization. , 2021, , .		1
16	Visually Maintained Image Disturbance Against Deepfake Face Swapping. , 2021, , .		6
17	Motion-Appearance Interactive Encoding for Object Segmentation in Unconstrained Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1613-1624.	8.3	9
18	Illumination-Invariance Optical Flow Estimation Using Weighted Regularization Transform. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 495-508.	8.3	16

#	ARTICLE	IF	CITATIONS
19	Learning Modality-Specific Representations for Visible-Infrared Person Re-Identification. IEEE Transactions on Image Processing, 2020, 29, 579-590.	9.8	163
20	Identification of exacerbation risk in patients with liver dysfunction using machine learning algorithms. PLoS ONE, 2020, 15, e0239266.	2.5	2
21	A multilevel statistical toolkit to study animal social networks: the Animal Network Toolkit Software (ANTs) R package. Scientific Reports, 2020, 10, 12507.	3.3	20
22	Interactive Two-Stream Decoder for Accurate and Fast Saliency Detection. , 2020, , .		204
23	A Machine-learning Approach to Forecast Aggravation Risk in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease with Clinical Indicators. Scientific Reports, 2020, 10, 3118.	3.3	38
24	LG-VTON: Fashion Landmark Meets Image-Based Virtual Try-On. Lecture Notes in Computer Science, 2020, , 286-297.	1.3	3
25	Peak Outpatient and Emergency Department Visit Forecasting for Patients With Chronic Respiratory Diseases Using Machine Learning Methods: Retrospective Cohort Study. JMIR Medical Informatics, 2020, 8, e13075.	2.6	10
26	Title is missing!. , 2020, 15, e0239266.		0
27	Title is missing!. , 2020, 15, e0239266.		0
28	Title is missing!. , 2020, 15, e0239266.		0
29	Title is missing!. , 2020, 15, e0239266.		0
30	Title is missing!. , 2020, 15, e0239266.		0
31	Title is missing!. , 2020, 15, e0239266.		0
32	Efficient Segmentation-Based PatchMatch for Large Displacement Optical Flow Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3595-3607.	8.3	12
33	Interference Reduction by Using RPCA and Variational Mode Decomposition in 3D Pulse Images. , 2019, , .		2
34	Spatial-Temporal Person Re-Identification. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8933-8940.	4.9	111
35	Efficient and Switchable CNN for Crowd Counting Based on Embedded Terminal. IEEE Access, 2019, 7, 51533-51541.	4.2	6
36	Fourier Series Analysis for Novel Spatiotemporal Pulse Waves: Normal, Taut, and Slippery Pulse Images. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-9.	1.2	4

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37	Intrinsic Image Sequence Decomposition Using Low-Rank Sparse Model. IEEE Access, 2019, 7, 4024-4030.	4.2	2
38	A Filtering-Based Framework for Optical Flow Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1350-1364.	8.3	18
39	Fast Prediction of Deterioration and Death Risk in Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease Using Vital Signs and Admission History: Retrospective Cohort Study. JMIR Medical Informatics, 2019, 7, e13085.	2.6	4
40	Low-Resolution Person Re-identification by a Discriminative Resolution-Invariant Network. Lecture Notes in Computer Science, 2019, , 447-454.	1.3	0
41	Person Re-identification Using Group Constraint. Lecture Notes in Computer Science, 2019, , 459-471.	1.3	2
42	Siamese Network for Pedestrian Group Retrieval: A Benchmark. Lecture Notes in Computer Science, 2019, , 747-759.	1.3	1
43	P2SNet: Can an Image Match a Video for Person Re-Identification in an End-to-End Way?. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2777-2787.	8.3	30
44	Learning an Intrinsic Image Decomposer Using Synthesized RGB-D Dataset. IEEE Signal Processing Letters, 2018, 25, 753-757.	3.6	8
45	Learning View-Specific Deep Networks for Person Re-Identification. IEEE Transactions on Image Processing, 2018, 27, 3472-3483.	9.8	56
46	Fast Optical Flow Estimation Based on the Split Bregman Method. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 664-678.	8.3	22
47	Towards Automatic Detection of Monkey Faces. , 2018, , .		3
48	Face Image Illumination Processing Based on GAN with Dual Triplet Loss. Lecture Notes in Computer Science, 2018, , 150-161.	1.3	3
49	Face Image Illumination Processing Based on Generative Adversarial Nets. , 2018, , .		11
50	Learning Intrinsic Image Decomposition by Deep Neural Network with Perceptual Loss. , 2018, , .		0
51	Feature Visualization Based Stacked Convolutional Neural Network for Human Body Detection in a Depth Image. Lecture Notes in Computer Science, 2018, , 87-98.	1.3	4
52	Image super-resolution via a densely connected recursive network. Neurocomputing, 2018, 316, 270-276.	5.9	9
53	Learning discriminative visual elements using part-based convolutional neural network. Neurocomputing, 2018, 316, 135-143.	5.9	7
54	Sparse transfer for facial shape-from-shading. Pattern Recognition, 2017, 68, 272-285.	8.1	10

#	ARTICLE	IF	CITATIONS
55	Part-based convolutional neural network for visual recognition. , 2017, , .		4
56	Deep Growing Learning. , 2017, , .		14
57	HEp-2 specimen classification via deep CNNs and pattern histogram. , 2016, , .		2
58	Facial skin beautification via sparse representation over learned layer dictionary. , 2016, , .		4
59	Face hallucination by deep traversal network. , 2016, , .		1
60	Learning object-specific DAGs for multi-label material recognition. Computer Vision and Image Understanding, 2016, 143, 183-190.	4.7	5
61	Exploiting object semantic cues for Multi-label Material Recognition. Neurocomputing, 2016, 173, 1646-1654.	5.9	4
62	Illumination preprocessing for face images based on empirical mode decomposition. Signal Processing, 2014, 103, 250-257.	3.7	23
63	Face hallucination based on morphological component analysis. Signal Processing, 2013, 93, 445-458.	3.7	74
64	Sketch-to-Design: Context-Based Part Assembly. Computer Graphics Forum, 2013, 32, 233-245.	3.0	47
65	A Study on the Effective Approach to Illumination-Invariant Face Recognition Based on a Single Image. Lecture Notes in Computer Science, 2012, , 33-41.	1.3	6
66	Normalization of Face Illumination Based on Large-and Small-Scale Features. IEEE Transactions on Image Processing, 2011, 20, 1807-1821.	9.8	118
67	Non-ideal class non-point light source quotient image for face relighting. Signal Processing, 2011, 91, 1048-1053.	3.7	6
68	Extraction of illumination invariant facial features from a single image using nonsubsampling contourlet transform. Pattern Recognition, 2010, 43, 4177-4189.	8.1	67
69	Face Hallucination under an Image Decomposition Perspective. , 2010, , .		3
70	Face illumination normalization on large and small scale features. , 2008, , .		23