

Li Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3358659/publications.pdf>

Version: 2024-02-01

58
papers

6,466
citations

257357

24
h-index

189801

50
g-index

58
all docs

58
docs citations

58
times ranked

4959
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Generic Object Detection: A Survey. International Journal of Computer Vision, 2020, 128, 261-318.	10.9	1,565
2	A review of uncertainty quantification in deep learning: Techniques, applications and challenges. Information Fusion, 2021, 76, 243-297.	11.7	876
3	Deep Learning for 3D Point Clouds: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4338-4364.	9.7	844
4	Median Robust Extended Local Binary Pattern for Texture Classification. IEEE Transactions on Image Processing, 2016, 25, 1368-1381.	6.0	321
5	Extended local binary patterns for texture classification. Image and Vision Computing, 2012, 30, 86-99.	2.7	291
6	Local binary features for texture classification: Taxonomy and experimental study. Pattern Recognition, 2017, 62, 135-160.	5.1	291
7	An Adaptive and Fast CFAR Algorithm Based on Automatic Censoring for Target Detection in High-Resolution SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1685-1697.	2.7	259
8	Texture Classification from Random Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 574-586.	9.7	259
9	From BoW to CNN: Two Decades of Texture Representation for Texture Classification. International Journal of Computer Vision, 2019, 127, 74-109.	10.9	247
10	Automated Visual Defect Detection for Flat Steel Surface: A Survey. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 626-644.	2.4	242
11	Pixel Difference Networks for Efficient Edge Detection. , 2021, , .		121
12	Deep Video Super-Resolution Using HR Optical Flow Estimation. IEEE Transactions on Image Processing, 2020, 29, 4323-4336.	6.0	103
13	RGB-D datasets using microsoft kinect or similar sensors: a survey. Multimedia Tools and Applications, 2017, 76, 4313-4355.	2.6	98
14	Sorted random projections for robust rotation-invariant texture classification. Pattern Recognition, 2012, 45, 2405-2418.	5.1	70
15	Multiple Kernel Clustering With Neighbor-Kernel Subspace Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1351-1362.	7.2	66
16	Automated Visual Defect Classification for Flat Steel Surface: A Survey. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9329-9349.	2.4	65
17	Efficient and Effective Regularized Incomplete Multi-view Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 43, 1-1.	9.7	64
18	Sorted Random Projections for robust texture classification. , 2011, , .		57

#	ARTICLE	IF	CITATIONS
19	Surface Defect Classification for Hot-Rolled Steel Strips by Selectively Dominant Local Binary Patterns. IEEE Access, 2019, 7, 23488-23499.	2.6	47
20	SwapGAN: A Multistage Generative Approach for Person-to-Person Fashion Style Transfer. IEEE Transactions on Multimedia, 2019, 21, 2209-2222.	5.2	46
21	Absent Multiple Kernel Learning Algorithms. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1303-1316.	9.7	43
22	DAVE: A Unified Framework for Fast Vehicle Detection and Annotation. Lecture Notes in Computer Science, 2016, , 278-293.	1.0	42
23	Evaluation of LBP and Deep Texture Descriptors with a New Robustness Benchmark. Lecture Notes in Computer Science, 2016, , 69-86.	1.0	31
24	Extended Local Binary Patterns for Efficient and Robust Spontaneous Facial Micro-Expression Recognition. IEEE Access, 2019, 7, 174517-174530.	2.6	30
25	Domain Knowledge Powered Two-Stream Deep Network for Few-Shot SAR Vehicle Recognition. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	29
26	Joint Clustering and Discriminative Feature Alignment for Unsupervised Domain Adaptation. IEEE Transactions on Image Processing, 2021, 30, 7842-7855.	6.0	26
27	Texture Classification in Extreme Scale Variations Using GANet. IEEE Transactions on Image Processing, 2019, 28, 3910-3922.	6.0	23
28	Semi-Supervised Natural Face De-Occlusion. IEEE Transactions on Information Forensics and Security, 2021, 16, 1044-1057.	4.5	23
29	A Class Imbalance Loss for Imbalanced Object Recognition. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2778-2792.	2.3	22
30	Late Fusion Multiple Kernel Clustering With Proxy Graph Refinement. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4359-4370.	7.2	21
31	Localized Simple Multiple Kernel K-means. , 2021, , .		20
32	DSFNet: Dynamic and Static Fusion Network for Moving Object Detection in Satellite Videos. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	19
33	Speckle-Variant Attack: Toward Transferable Adversarial Attack to SAR Target Recognition. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	18
34	Informative Feature Disentanglement for Unsupervised Domain Adaptation. IEEE Transactions on Multimedia, 2022, 24, 2407-2421.	5.2	16
35	Attentional Feature Refinement and Alignment Network for Aircraft Detection in SAR Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	15
36	Self-supervised pain intensity estimation from facial videos via statistical spatiotemporal distillation. Pattern Recognition Letters, 2020, 140, 26-33.	2.6	14

#	ARTICLE	IF	CITATIONS
37	Hyperspectral monitor of soil chromium contaminant based on deep learning network model in the Eastern Junggar coalfield. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 257, 119739.	2.0	14
38	Image Regression With Structure Cycle Consistency for Heterogeneous Change Detection. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1613-1627.	7.2	14
39	Feature Estimations Based Correlation Distillation for Incremental Image Retrieval. IEEE Transactions on Multimedia, 2022, 24, 1844-1856.	5.2	11
40	Deep Ladder-Suppression Network for Unsupervised Domain Adaptation. IEEE Transactions on Cybernetics, 2022, 52, 10735-10749.	6.2	10
41	Informative Class-Conditioned Feature Alignment for Unsupervised Domain Adaptation. , 2021, , .		10
42	Adaptive Semantic-Spatio-Temporal Graph Convolutional Network for Lip Reading. IEEE Transactions on Multimedia, 2022, 24, 3545-3557.	5.2	9
43	Deep ladder reconstruction-classification network for unsupervised domain adaptation. Pattern Recognition Letters, 2021, 152, 398-405.	2.6	9
44	Facial Kinship Verification: A Comprehensive Review and Outlook. International Journal of Computer Vision, 2022, 130, 1494-1525.	10.9	9
45	Local Motion and Contrast Priors Driven Deep Network for Infrared Small Target Superresolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5480-5495.	2.3	9
46	Dynamic Sparse Subspace Clustering for Evolving High-Dimensional Data Streams. IEEE Transactions on Cybernetics, 2022, 52, 4173-4186.	6.2	8
47	CAT-EDNet: Cross-Attention Transformer-Based Encoder-Decoder Network for Salient Defect Detection of Strip Steel Surface. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	8
48	Coarse-to-fine pseudo supervision guided meta-task optimization for few-shot object classification. Pattern Recognition, 2022, 122, 108296.	5.1	7
49	A Graphical Social Topology Model for RGB-D Multi-Person Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4305-4320.	5.6	7
50	Waterdrop Removal From Hot-Rolled Steel Strip Surfaces Based on Progressive Recurrent Generative Adversarial Networks. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	4
51	Hyperspectral Estimation of Soil Copper Concentration Based on Improved TabNet Model in the Eastern Junggar Coalfield. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	2.7	4
52	Fragmentary Multi-Instance Classification. IEEE Transactions on Cybernetics, 2021, 51, 5156-5169.	6.2	3
53	Beyond Vanilla Convolution: Random Pixel Difference Convolution for Face Perception. IEEE Access, 2021, 9, 139248-139259.	2.6	3
54	Efficient Visual Recognition. International Journal of Computer Vision, 2020, 128, 1997-2001.	10.9	1

#	ARTICLE	IF	CITATIONS
55	Deep Learning for Generic Object Detection: A Survey. , 2020, 128, 261.		1
56	Texture Classification. , 2020, , 1-7.		1
57	Guest Editorsâ€™ Introduction to the Special Section on Compact and Efficient Feature Representation and Learning in Computer Vision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2287-2290.	9.7	0
58	Texture Classification. , 2021, , 1233-1239.		0