

# Jiuzhen Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

358  
citations

933447

10  
h-index

888059

17  
g-index

52  
all docs

52  
docs citations

52  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabric defect inspection based on lattice segmentation and Gabor filtering. <i>Neurocomputing</i> , 2017, 238, 84-102.	5.9	82
2	Fabric defect detection via low-rank decomposition with gradient information and structured graph algorithm. <i>Information Sciences</i> , 2021, 546, 608-626.	6.9	29
3	Fabric Defect Detection Based on Pattern Template Correction. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-17.	1.1	18
4	Clustering based on Steiner points. <i>International Journal of Machine Learning and Cybernetics</i> , 2012, 3, 141-148.	3.6	17
5	Fabric defect inspection based on isotropic lattice segmentation. <i>Journal of the Franklin Institute</i> , 2017, 354, 5694-5738.	3.4	17
6	Depth Sequential Information Entropy Maps and Multi-Label Subspace Learning for Human Action Recognition. <i>IEEE Access</i> , 2020, 8, 135118-135130.	4.2	17
7	Bilateral Two-Dimensional Neighborhood Preserving Discriminant Embedding for Face Recognition. <i>IEEE Access</i> , 2017, 5, 17201-17212.	4.2	13
8	Stock Prediction Based on Phase Space Reconstruction and Echo State Networks. <i>Journal of Algorithms and Computational Technology</i> , 2013, 7, 87-100.	0.7	12
9	Fabric Defect Detection via Low-Rank Decomposition With Gradient Information. <i>IEEE Access</i> , 2019, 7, 130423-130437.	4.2	12
10	Supervised bilateral two-dimensional locality preserving projection algorithm based on Gabor wavelet. <i>Signal, Image and Video Processing</i> , 2016, 10, 1441-1448.	2.7	11
11	Implementing Dense Optical Flow Computation on a Heterogeneous FPGA SoC in C. <i>Transactions on Architecture and Code Optimization</i> , 2016, 13, 1-25.	2.0	11
12	Different lighting processing and feature extraction methods for efficient face recognition. <i>IET Image Processing</i> , 2014, 8, 528-538.	2.5	10
13	Integrally Cooperative Spatio-Temporal Feature Representation of Motion Joints for Action Recognition. <i>Sensors</i> , 2020, 20, 5180.	3.8	10
14	Stock Price Prediction Based on Procedural Neural Networks. <i>Advances in Artificial Neural Systems</i> , 2011, 2011, 1-11.	1.0	9
15	Action recognition using weighted fusion of depth images and skeleton's key frames. <i>Multimedia Tools and Applications</i> , 2019, 78, 25063-25078.	3.9	9
16	Human action recognition based on 3D body mask and depth spatial-temporal maps. <i>Multimedia Tools and Applications</i> , 2020, 79, 35761-35778.	3.9	9
17	Background modeling using Local Binary Patterns Of Motion Vector. , 2012, , .		7
18	Human action recognition based on enhanced data guidance and key node spatial temporal graph convolution. <i>Multimedia Tools and Applications</i> , 2022, 81, 8349-8366.	3.9	7

#	ARTICLE	IF	CITATIONS
19	Face alignment based on fusion subspace and 3D fitting. IET Image Processing, 2021, 15, 16-27.	2.5	6
20	Fabric Defect Detection Based on Illumination Correction and Visual Salient Features. Sensors, 2020, 20, 5147.	3.8	5
21	Low-rank decomposition fabric defect detection based on prior and total variation regularization. Visual Computer, 2022, 38, 2707-2721.	3.5	5
22	Different Representations of Fuzzy Vectors. Lecture Notes in Computer Science, 2009, , 700-711.	1.3	5
23	Human facial expression analysis based on image granule LPP. International Journal of Machine Learning and Cybernetics, 2014, 5, 907-921.	3.6	4
24	An Evaluation Strategy for the Symmetry and Consistency of Lower Limb Segments During Upper Limb Loading. IEEE Sensors Journal, 2021, 21, 6440-6449.	4.7	4
25	A probabilistic collaborative dictionary learning-based approach for face recognition. IET Image Processing, 2021, 15, 868-884.	2.5	4
26	Learning arbitrary-shape object detector from bounding-box annotation by searching region-graph. Pattern Recognition Letters, 2017, 87, 171-176.	4.2	3
27	Efficient numerical schemes for Chan-Vese active contour models in image segmentation. Multimedia Tools and Applications, 2018, 77, 16661-16684.	3.9	3
28	Weighted similarity and distance metric learning for unconstrained face verification with 3D frontalisation. IET Image Processing, 2019, 13, 399-408.	2.5	3
29	Defect inspection research on fabric based on template correction and primitive decomposition. IET Image Processing, 2019, 13, 2916-2928.	2.5	3
30	Segment procedure neural networks. , 2005, , .		2
31	Hierarchical Clustering Algorithm Based on Granularity. , 2007, , .		2
32	An efficient face classification method based on shared and class-specific dictionary learning. , 2015, , .		2
33	Worm Harm Prediction Based on Segment Procedure Neural Networks. Lecture Notes in Computer Science, 2006, , 383-388.	1.3	2
34	Granular computing model based on ontology. , 0, , .		1
35	Adaptive face representation via class-specific and intra-class variation dictionaries for recognition. Multimedia Tools and Applications, 2018, 77, 14783-14802.	3.9	1
36	Implementation of Calculating Steiner Point for 2-D Objects. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
37	Segmentation and Recognition Model for Complex Action Sequences. IEEE Sensors Journal, 2022, 22, 4347-4358.	4.7	1
38	Procedural Neural Network Based on Statistical Features. , 2007, , .		0
39	Implementation of Steiner Point of Fuzzy Set. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	0
40	Combinations of nonstandard finite difference schemes and composition methods with complex time steps for population models. International Journal of Biomathematics, 2016, 09, 1650049.	2.9	0
41	A cue integration method for anaglyph image partition. International Journal of Machine Learning and Cybernetics, 2016, 7, 983-993.	3.6	0
42	Predicting Sales Performance Based on Polarity Sentiments of Online Reviews and Manifold Dynamics Method. , 2018, , .		0
43	Unconstrained Face Identification Based on 3D Face Frontalization and Support Vector Guided Dictionary Learning. Mathematical Problems in Engineering, 2020, 2020, 1-16.	1.1	0
44	On Chinese Web Page Classification. Lecture Notes in Computer Science, 2004, , 634-639.	1.3	0
45	Image Coverage Segmentation Based on Soft Boundaries. Lecture Notes in Computer Science, 2014, , 374-381.	1.3	0
46	Digital Contour Segmentation Based on Statistical Straightness. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2016, 9, 295-310.	0.2	0
47	Support Function Machines. , 2007, , 1-9.		0
48	Hierarchical Clustering Algorithm Based on Granularity. , 2007, , .		0