

Haijun Zhang

List of Publications by Year in descending order

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62
papers

1,889
citations

236925

25
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265206

42
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all docs

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docs citations

62
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Causal Disentanglement: A Generalized Bearing Fault Diagnostic Framework in Continuous Degradation Mode. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6250-6262.	11.3	9
2	COutfitGAN: Learning to Synthesize Compatible Outfits Supervised by Silhouette Masks and Fashion Styles. IEEE Transactions on Multimedia, 2023, 25, 4986-5001.	7.2	15
3	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. IEEE Transactions on Cybernetics, 2022, 52, 101-115.	9.5	10
4	Chain-Structure Echo State Network With Stochastic Optimization: Methodology and Application. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1974-1985.	11.3	14
5	SiamCorners: Siamese Corner Networks for Visual Tracking. IEEE Transactions on Multimedia, 2022, 24, 1956-1967.	7.2	70
6	LGCNet: A local-to-global context-aware feature augmentation network for salient object detection. Information Sciences, 2022, 584, 399-416.	6.9	17
7	PaaRPN: Probabilistic anchor assignment with region proposal network for visual tracking. Information Sciences, 2022, 598, 19-36.	6.9	7
8	Crowd Counting by Using Top-k Relations: A Mixed Ground-Truth CNN Framework. IEEE Transactions on Consumer Electronics, 2022, 68, 307-316.	3.6	27
9	Twin-Incoherent Self-Expressive Locality-Adaptive Latent Dictionary Pair Learning for Classification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 947-961.	11.3	30
10	CASNet: A Cross-Attention Siamese Network for Video Salient Object Detection. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2676-2690.	11.3	56
11	CNN-based encoder-decoder networks for salient object detection: A comprehensive review and recent advances. Information Sciences, 2021, 546, 835-857.	6.9	148
12	An empirical study of multi-scale object detection in high resolution UAV images. Neurocomputing, 2021, 421, 173-182.	5.9	39
13	Adaptive Fault Estimation for Unmanned Surface Vessels With a Neural Network Observer Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 416-425.	5.4	34
14	Multilabel Classification With Label-Specific Features and Classifiers: A Coarse- and Fine-Tuned Framework. IEEE Transactions on Cybernetics, 2021, 51, 1028-1042.	9.5	25
15	Random-Forest-Bagging Broad Learning System With Applications for COVID-19 Pandemic. IEEE Internet of Things Journal, 2021, 8, 15906-15918.	8.7	42
16	Clothing generation by multi-modal embedding: A compatibility matrix-regularized GAN model. Image and Vision Computing, 2021, 107, 104097.	4.5	8
17	DRLF-Net: A Progressive Deep Latent Low-Rank Fusion Network for Hierarchical Subspace Discovery. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-24.	4.3	2
18	An investigation of testing capacity for evaluating and modeling the spread of coronavirus disease. Information Sciences, 2021, 561, 211-229.	6.9	18

#	ARTICLE	IF	CITATIONS
19	TGAN: A simple model update strategy for visual tracking via template-guidance attention network. <i>Neural Networks</i> , 2021, 144, 61-74.	5.9	4
20	Learning to Collocate Fashion Items from Heterogeneous Network Using Structural and Textual Features. <i>Communications in Computer and Information Science</i> , 2021, , 166-180.	0.5	1
21	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4268-4280.	9.5	38
22	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6750-6759.	11.3	14
23	Collocating Clothes With Generative Adversarial Networks Cosupervised by Categories and Attributes: A Multidiscriminator Framework. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 3540-3554.	11.3	47
24	Clothescounter: A framework for star-oriented clothes mining from videos. <i>Neurocomputing</i> , 2020, 377, 38-48.	5.9	8
25	CascadeGAN: A category-supervised cascading generative adversarial network for clothes translation from the human body to tiled images. <i>Neurocomputing</i> , 2020, 382, 148-161.	5.9	7
26	Toward New Retail: A Benchmark Dataset for Smart Unmanned Vending Machines. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 7722-7731.	11.3	36
27	Crowd counting by using multi-level density-based spatial information: A Multi-scale CNN framework. <i>Information Sciences</i> , 2020, 528, 79-91.	6.9	37
28	Performance Optimization for Relative-Error-Bounded Lossy Compression on Scientific Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020, 31, 1665-1680.	5.6	11
29	Modeling and prediction of the 2019 coronavirus disease spreading in China incorporating human migration data. <i>PLoS ONE</i> , 2020, 15, e0241171.	2.5	52
30	COSINE:a software development model integrating collective intelligence, service and ecosystem. , 2020, , .		0
31	Sitcom-star-based clothing retrieval for video advertising: a deep learning framework. <i>Neural Computing and Applications</i> , 2019, 31, 7361-7380.	5.6	61
32	Toward AI fashion design: An Attribute-GAN model for clothing match. <i>Neurocomputing</i> , 2019, 341, 156-167.	5.9	70
33	A Coarse-to-Fine Multi-stream Hybrid Deraining Network for Single Image Deraining. , 2019, , .		24
34	Deep Learning-based Beverage Recognition for Unmanned Vending Machines: An Empirical Study. , 2019, , .		7
35	Learning-based Object Detection in High Resolution UAV Images: An Empirical Study. , 2019, , .		2
36	Graph model-based salient object detection using objectness and multiple saliency cues. <i>Neurocomputing</i> , 2019, 323, 188-202.	5.9	31

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37	Temporal Information Services in Large-Scale Vehicular Networks Through Evolutionary Multi-Objective Optimization. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 218-231.	8.0	24
38	Locality Reconstruction Models for Book Representation. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1873-1886.	5.7	27
39	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5304-5318.	11.3	61
40	Salient object detection via multi-scale attention CNN. Neurocomputing, 2018, 322, 130-140.	5.9	69
41	Object-Level Video Advertising: An Optimization Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 520-531.	11.3	156
42	Rolling fault diagnosis via robust semi-supervised model with capped ℓ_2/ℓ_1 -norm regularization. , 2017, , .		4
43	Understanding Subtitles by Character-Level Sequence-to-Sequence Learning. IEEE Transactions on Industrial Informatics, 2017, 13, 616-624.	11.3	96
44	Recommending e-books by multi-layer clustering and locality reconstruction. , 2017, , .		3
45	AutoEncoder based high-dimensional data fault detection system. , 2017, , .		10
46	Clothes Advertising by Targeting Principal Actors in Video. , 2016, , .		0
47	Learning to link human objects in videos and advertisements with clothes retrieval. , 2016, , .		3
48	A character-level sequence-to-sequence method for subtitle learning. , 2016, , .		2
49	Classifying vehicles with convolutional neural network and feature encoding. , 2016, , .		9
50	Organizing Books and Authors by Multilayer SOM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2537-2550.	11.3	60
51	A tree-structured representation for book author and its recommendation using multilayer SOM. , 2015, , .		4
52	Content-based movie recommending using a Triple Wing Harmonium model. , 2015, , .		3
53	Extensions of Kmeans-Type Algorithms: A New Clustering Framework by Integrating Intracluster Compactness and Intercluster Separation. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1433-1446.	11.3	77
54	Classifying web documents using term spectral transforms and Multi-Dimensional Latent Semantic representation. , 2014, , .		0

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55	Multidimensional Latent Semantic Analysis Using Term Spatial Information. IEEE Transactions on Cybernetics, 2013, 43, 1625-1640.	9.5	22
56	A multi-level matching method with hybrid similarity for document retrieval. Expert Systems With Applications, 2012, 39, 2710-2719.	7.6	14
57	Textual and Visual Content-Based Anti-Phishing: A Bayesian Approach. IEEE Transactions on Neural Networks, 2011, 22, 1532-1546.	4.2	153
58	A coarse-to-fine framework to efficiently thwart plagiarism. Pattern Recognition, 2011, 44, 471-487.	8.1	25
59	A novel flocking inspired algorithm for self-organization and control in heterogeneous wireless networks. , 2010, , .		0
60	A new dual wing harmonium model for document retrieval. Pattern Recognition, 2009, 42, 2950-2960.	8.1	16
61	A new document representation using term frequency and vectorized graph connectionists with application to document retrieval. Expert Systems With Applications, 2009, 36, 12023-12035.	7.6	30
62	Generalized Particle Swarm Optimizer with Tracking Multiple Local Optima for Multimodal Functions Optimization. , 2009, , .		0