

# Haijun Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,889  
citations

236925

25  
h-index

265206

42  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Object-Level Video Advertising: An Optimization Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 520-531.	11.3	156
2	Textual and Visual Content-Based Anti-Phishing: A Bayesian Approach. IEEE Transactions on Neural Networks, 2011, 22, 1532-1546.	4.2	153
3	CNN-based encoder-decoder networks for salient object detection: A comprehensive review and recent advances. Information Sciences, 2021, 546, 835-857.	6.9	148
4	Understanding Subtitles by Character-Level Sequence-to-Sequence Learning. IEEE Transactions on Industrial Informatics, 2017, 13, 616-624.	11.3	96
5	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
6	Toward AI fashion design: An Attribute-GAN model for clothing match. Neurocomputing, 2019, 341, 156-167.	5.9	70
7	SiamCorners: Siamese Corner Networks for Visual Tracking. IEEE Transactions on Multimedia, 2022, 24, 1956-1967.	7.2	70
8	Salient object detection via multi-scale attention CNN. Neurocomputing, 2018, 322, 130-140.	5.9	69
9	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5304-5318.	11.3	61
10	Sitcom-star-based clothing retrieval for video advertising: a deep learning framework. Neural Computing and Applications, 2019, 31, 7361-7380.	5.6	61
11	Organizing Books and Authors by Multilayer SOM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2537-2550.	11.3	60
12	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
13	Modeling and prediction of the 2019 coronavirus disease spreading in China incorporating human migration data. PLoS ONE, 2020, 15, e0241171.	2.5	52
14	Collocating Clothes With Generative Adversarial Networks Cosupervised by Categories and Attributes: A Multidiscriminator Framework. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3540-3554.	11.3	47
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	An empirical study of multi-scale object detection in high resolution UAV images. Neurocomputing, 2021, 421, 173-182.	5.9	39
17	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. IEEE Transactions on Cybernetics, 2020, 50, 4268-4280.	9.5	38
18	Crowd counting by using multi-level density-based spatial information: A Multi-scale CNN framework. Information Sciences, 2020, 528, 79-91.	6.9	37

#	ARTICLE	IF	CITATIONS
19	Toward New Retail: A Benchmark Dataset for Smart Unmanned Vending Machines. IEEE Transactions on Industrial Informatics, 2020, 16, 7722-7731.	11.3	36
20	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
21	Graph model-based salient object detection using objectness and multiple saliency cues. Neurocomputing, 2019, 323, 188-202.	5.9	31
22	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
23	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
24	Locality Reconstruction Models for Book Representation. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1873-1886.	5.7	27
25	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
26	A coarse-to-fine framework to efficiently thwart plagiarism. Pattern Recognition, 2011, 44, 471-487.	8.1	25
27	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
28	A Coarse-to-Fine Multi-stream Hybrid Deraining Network for Single Image Deraining. , 2019, , .		24
29	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
30	Multidimensional Latent Semantic Analysis Using Term Spatial Information. IEEE Transactions on Cybernetics, 2013, 43, 1625-1640.	9.5	22
31	An investigation of testing capacity for evaluating and modeling the spread of coronavirus disease. Information Sciences, 2021, 561, 211-229.	6.9	18
32	LGCNet: A local-to-global context-aware feature augmentation network for salient object detection. Information Sciences, 2022, 584, 399-416.	6.9	17
33	A new dual wing harmonium model for document retrieval. Pattern Recognition, 2009, 42, 2950-2960.	8.1	16
34	COutfitGAN: Learning to Synthesize Compatible Outfits Supervised by Silhouette Masks and Fashion Styles. IEEE Transactions on Multimedia, 2023, 25, 4986-5001.	7.2	15
35	A multi-level matching method with hybrid similarity for document retrieval. Expert Systems With Applications, 2012, 39, 2710-2719.	7.6	14
36	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. IEEE Transactions on Industrial Informatics, 2020, 16, 6750-6759.	11.3	14

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37	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
38	Performance Optimization for Relative-Error-Bounded Lossy Compression on Scientific Data. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1665-1680.	5.6	11
39	AutoEncoder based high-dimensional data fault detection system. , 2017, , .		10
40	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. IEEE Transactions on Cybernetics, 2022, 52, 101-115.	9.5	10
41	Classifying vehicles with convolutional neural network and feature encoding. , 2016, , .		9
42	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
43	Clothescounter: A framework for star-oriented clothes mining from videos. Neurocomputing, 2020, 377, 38-48.	5.9	8
44	Clothing generation by multi-modal embedding: A compatibility matrix-regularized GAN model. Image and Vision Computing, 2021, 107, 104097.	4.5	8
45	Deep Learning-based Beverage Recognition for Unmanned Vending Machines: An Empirical Study. , 2019, , .		7
46	CascadeGAN: A category-supervised cascading generative adversarial network for clothes translation from the human body to tiled images. Neurocomputing, 2020, 382, 148-161.	5.9	7
47	PaaRPN: Probabilistic anchor assignment with region proposal network for visual tracking. Information Sciences, 2022, 598, 19-36.	6.9	7
48	A tree-structured representation for book author and its recommendation using multilayer SOM. , 2015, , .		4
49	Rolling fault diagnosis via robust semi-supervised model with capped $l_{2,1}$ -norm regularization. , 2017, , .		4
50	TGAN: A simple model update strategy for visual tracking via template-guidance attention network. Neural Networks, 2021, 144, 61-74.	5.9	4
51	Content-based movie recommending using a Triple Wing Harmonium model. , 2015, , .		3
52	Learning to link human objects in videos and advertisements with clothes retrieval. , 2016, , .		3
53	Recommending e-books by multi-layer clustering and locality reconstruction. , 2017, , .		3
54	A character-level sequence-to-sequence method for subtitle learning. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
55	Learning-based Object Detection in High Resolution UAV Images: An Empirical Study. , 2019, , .		2
56	DLRF-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
57	Learning to Collocate Fashion Items from Heterogeneous Network Using Structural and Textual Features. Communications in Computer and Information Science, 2021, , 166-180.	0.5	1
58	Generalized Particle Swarm Optimizer with Tracking Multiple Local Optima for Multimodal Functions Optimization. , 2009, , .		0
59	A novel flocking inspired algorithm for self-organization and control in heterogeneous wireless networks. , 2010, , .		0
60	Classifying web documents using term spectral transforms and Multi-Dimensional Latent Semantic representation. , 2014, , .		0
61	Clothes Advertising by Targeting Principal Actors in Video. , 2016, , .		0
62	COSINE:a software development model integrating collective intelligence, service and ecosystem. , 2020, , .		0