

# Hai-sheng Li

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

1,611  
citations

394421

19  
h-index

330143

37  
g-index

96  
all docs

96  
docs citations

96  
times ranked

904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multilevel 2-D Quantum Wavelet Transforms. IEEE Transactions on Cybernetics, 2022, 52, 8467-8480.	9.5	21
2	MC-Net: multi-scale context-attention network for medical CT image segmentation. Applied Intelligence, 2022, 52, 1508-1519.	5.3	22
3	Attentive frequency learning network for super-resolution. Applied Intelligence, 2022, 52, 5185-5196.	5.3	3
4	Raindrop removal from a single image using a two-step generative adversarial network. Signal, Image and Video Processing, 2022, 16, 677-684.	2.7	3
5	HT-Net: hierarchical context-attention transformer network for medical ct image segmentation. Applied Intelligence, 2022, 52, 10692-10705.	5.3	19
6	Bidirectional quantum teleportation using a five-qubit cluster state as a quantum channel. Quantum Information Processing, 2022, 21, 1.	2.2	15
7	Blockchain-Based Information Supervision Model for Rice Supply Chains. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.7	16
8	The circuit design and optimization of quantum multiplier and divider. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	5.1	21
9	Video2Force: Experiencing Object Motion in Video with Dynamic Force Feedback based on Bio-Inspired Sensing and Processing. , 2022, , .		1
10	Research on the Cross-Chain Model of Rice Supply Chain Supervision Based on Parallel Blockchain and Smart Contracts. Foods, 2022, 11, 1269.	4.3	17
11	Multi-Chain Collaboration-Based Information Management and Control for the Rice Supply Chain. Agriculture (Switzerland), 2022, 12, 689.	3.1	17
12	HRNet:A hierarchical recurrent convolution neural network for retinal vessel segmentation. Multimedia Tools and Applications, 2022, 81, 39829-39851.	3.9	4
13	SATMAC: Self-Adaptive TDMA-Based MAC Protocol for VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21712-21728.	8.0	7
14	Asymmetric Bidirectional Quantum Teleportation via Seven-qubit Cluster State. International Journal of Theoretical Physics, 2022, 61, .	1.2	5
15	Low-Complexity Deep No-Reference Light Field Image Quality Assessment with Discriminative EPI Patches Focused. , 2021, , .		2
16	Efficient Light Field Reconstruction via Spatio-Angular Dense Network. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	8
17	The linear cyclic translation and two-point swapping transformations for quantum images. Quantum Information Processing, 2021, 20, 1.	2.2	2
18	Compound-Attention Network with Original Feature injection for visual question and answering. Signal, Image and Video Processing, 2021, 15, 1853-1861.	2.7	2

#	ARTICLE	IF	CITATIONS
19	A Novel Method for Food Market Regulation by Emotional Tendencies Predictions from Food Reviews Based on Blockchain and SAEs. <i>Foods</i> , 2021, 10, 1398.	4.3	8
20	Bidirectional Controlled Quantum Teleportation via Two Pairs of Bell States. <i>International Journal of Theoretical Physics</i> , 2021, 60, 2662-2667.	1.2	3
21	A multi-scale segmentation-to-classification network for tiny microaneurysm detection in fundus images. <i>Knowledge-Based Systems</i> , 2021, 226, 107140.	7.1	26
22	Windows Attention Based Pyramid Network for Food Segmentation. , 2021, , .		1
23	Quadrilateral Surface Mesh Generation Algorithm for CFD Model Based on Area-Preserving Parameterization. , 2021, , .		0
24	Security Aware Virtual Network Embedding Algorithm Using Information Entropy TOPSIS. <i>Journal of Network and Systems Management</i> , 2020, 28, 35-57.	4.9	30
25	A relationship extraction method for domain knowledge graph construction. <i>World Wide Web</i> , 2020, 23, 735-753.	4.0	48
26	Deep Cooperative Enhancement Hashing Network for Low-Resolution Image Retrieval. <i>IEEE Access</i> , 2020, 8, 120114-120123.	4.2	0
27	Nonlinear Model and Dynamic Behavior of Photovoltaic Grid-Connected Inverter. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2120.	2.5	6
28	Quantum circuit design of approximate median filtering with noise tolerance threshold. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	2
29	Efficient quantum arithmetic operation circuits for quantum image processing. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	58
30	Design and simulation of quantum image binarization using quantum comparator. <i>Modern Physics Letters A</i> , 2020, 35, 2050049.	1.2	10
31	Correction to "Frequency Separation Network for Image Super-Resolution". <i>IEEE Access</i> , 2020, 8, 54698-54698.	4.2	0
32	Style transfer for QR code. <i>Multimedia Tools and Applications</i> , 2020, 79, 33839-33852.	3.9	7
33	Double Recurrent Dense Network for Single Image Deraining. <i>IEEE Access</i> , 2020, 8, 30615-30627.	4.2	2
34	Frequency Separation Network for Image Super-Resolution. <i>IEEE Access</i> , 2020, 8, 33768-33777.	4.2	10
35	A comment on "Quantum image processing". <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	7
36	Combination of multi-scale and residual learning in deep CNN for image denoising. <i>IET Image Processing</i> , 2020, 14, 2013-2019.	2.5	8

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37	Residual Non-degenerate Temporal Network for Human Action Recognition. , 2020, , .		0
38	Function-Level Dynamic Monitoring and Analysis System for Smart Contract. IEEE Access, 2020, 8, 229161-229172.	4.2	3
39	Quantum Implementation Circuits of Quantum Signal Representation and Type Conversion. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 341-354.	5.4	72
40	Quantum multi-level wavelet transforms. Information Sciences, 2019, 504, 113-135.	6.9	27
41	Quantum image encryption based on phase-shift transform and quantum Haar wavelet packet transform. Modern Physics Letters A, 2019, 34, 1950214.	1.2	17
42	A Block-Based Quantum Image Scrambling for GNEQR. IEEE Access, 2019, 7, 138233-138243.	4.2	10
43	Optimizing Seed Inputs in Fuzzing with Machine Learning. , 2019, , .		7
44	Novel multi-bit quantum comparators and their application in image binarization. Quantum Information Processing, 2019, 18, 1.	2.2	29
45	Quantum vision representations and multi-dimensional quantum transforms. Information Sciences, 2019, 502, 42-58.	6.9	17
46	BTBUFood-60: Dataset for Object Detection in Food Field. , 2019, , .		10
47	The addition and subtraction of quantum matrix based on GNEQR. International Journal of Quantum Information, 2019, 17, 1950056.	1.1	3
48	Novel Automatic Food Trading System Using Consortium Blockchain. Arabian Journal for Science and Engineering, 2019, 44, 3439-3455.	3.0	54
49	Visual analytics of cellular signaling data. Multimedia Tools and Applications, 2019, 78, 29447-29461.	3.9	5
50	Fast template matching based on deformable best-buddies similarity measure. Multimedia Tools and Applications, 2019, 78, 11905-11925.	3.9	9
51	Video-level Multi-model Fusion for Action Recognition. , 2019, , .		2
52	Generative Adversarial Image Super-Resolution Through Deep Dense Skip Connections. Computer Graphics Forum, 2018, 37, 289-300.	3.0	19
53	Single Image Rain Removal via a Simplified Residual Dense Network. IEEE Access, 2018, 6, 66522-66535.	4.2	12
54	An Efficient Design of Reversible Multi-Bit Quantum Comparator Via Only a Single Ancillary Bit. International Journal of Theoretical Physics, 2018, 57, 3727-3744.	1.2	16

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55	Quantum Image Encryption Algorithm Based on NASS. International Journal of Theoretical Physics, 2018, 57, 3745-3760.	1.2	20
56	The multi-level and multi-dimensional quantum wavelet packet transforms. Scientific Reports, 2018, 8, 13884.	3.3	26
57	Innovative Blockchain-Based Approach for Sustainable and Credible Environment in Food Trade: A Case Study in Shandong Province, China. Sustainability, 2018, 10, 3149.	3.2	85
58	A Quantum Image Representation Based on Bitplanes. IEEE Access, 2018, 6, 62396-62404.	4.2	52
59	The quantum Fourier transform based on quantum vision representation. Quantum Information Processing, 2018, 17, 1.	2.2	16
60	A novel framework for semantic segmentation with generative adversarial network. , 2018, , .		1
61	Geometry of Motion for Video Shakiness Detection. Journal of Computer Science and Technology, 2018, 33, 475-486.	1.5	0
62	Common Green Plants Recognition Based on Wavelet Transformation and Varied Local Edge Patterns. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1850045.	1.2	3
63	Credit Evaluation System Based on Blockchain for Multiple Stakeholders in the Food Supply Chain. International Journal of Environmental Research and Public Health, 2018, 15, 1627.	2.6	173
64	Visual Analysis of Spatio-Temporal Distribution and Retweet Relation in Weibo Event. , 2018, , .		3
65	Scale-Invariant Wave Kernel Signature for Non-Rigid 3D Shape Retrieval. , 2018, , .		11
66	Bike-Sharing Dynamic Scheduling Model Based on Spatio-Temporal Graph. , 2018, , .		1
67	Efficient 3D Object Retrieval Based on Compact Views and Hamming Embedding. IEEE Access, 2018, 6, 31854-31861.	4.2	5
68	Variational reconstruction using subdivision surfaces with continuous sharpness control. Computational Visual Media, 2017, 3, 217-228.	17.5	3
69	A Brief Survey of Low-Level Saliency Detection. , 2016, , .		3
70	Geometric transformations of multidimensional color images based on NASS. Information Sciences, 2016, 340-341, 191-208.	6.9	51
71	The Prediction in Computer Color Matching of Dentistry Based on GA+BP Neural Network. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-7.	1.3	22
72	Saliency detection using two-stage scoring. , 2015, , .		7

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73	Energy Efficient Analysis for Content Distribution Network with Multiphase Sleep-Wake Mechanism Based on Stochastic Petri Nets. , 2015, , .		0
74	An Online Banking System Based on Quantum Cryptography Communication. International Journal of Theoretical Physics, 2014, 53, 2177-2190.	1.2	9
75	Multi-dimensional color image storage and retrieval for a normal arbitrary quantum superposition state. Quantum Information Processing, 2014, 13, 991-1011.	2.2	117
76	Multidimensional color image storage, retrieval, and compression based on quantum amplitudes and phases. Information Sciences, 2014, 273, 212-232.	6.9	84
77	Image storage, retrieval and compression in entangled quantum systems. , 2014, , .		4
78	The Quantum Search Algorithms for All Solutions. International Journal of Theoretical Physics, 2013, 52, 1893.	1.2	2
79	Image storage, retrieval, compression and segmentation in a quantum system. Quantum Information Processing, 2013, 12, 2269-2290.	2.2	127
80	A review of object representation based on local features. Journal of Zhejiang University: Science C, 2013, 14, 495-504.	0.7	25
81	A novel semantic similarity measure within sentences. , 2012, , .		4
82	Research on order tracking based on multilevel bill of lots. , 2012, , .		0
83	Research on Semantic-Based 3D Model Retrieval. , 2012, , .		0
84	Digital core modeling based on CT image. , 2011, , .		1
85	Improvement of semantic similarity algorithm based on WordNet. , 2011, , .		4
86	The Construction and Running of a Contemporary Software Training Base in a Chinese University. , 2011, , .		0
87	Measuring the similarity of short texts by word similarity and tree kernels. , 2010, , .		5
88	An asset evaluation method based on neural network. , 2010, , .		2
89	Comparison of current semantic similarity methods in WordNet. , 2010, , .		6
90	Study of the SMS Platform Optimization Technology Based on Sliding Window and Load Balancing Mechanism. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
91	Notice of Retraction: Research on Surveillance and Evaluation in Acceptance Stage of E-government Project. , 2010, , .		1
92	A framework of ontology-based Knowledge Management system. , 2009, , .		4
93	Research of risk management and quality control based on the work bench of information system project surveillance. , 2009, , .		4
94	Constructing streamlines in steady flow on unstructured grids. , 2009, , .		1
95	Application of Ontology to Question-Answer Knowledge Management System. , 2007, , .		3