

# Ri-Gui Zhou

## List of Publications by Year in descending order

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143  
papers

2,725  
citations

201385

27  
h-index

233125

45  
g-index

145  
all docs

145  
docs citations

145  
times ranked

1196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multisource Weighted Domain Adaptation With Evidential Reasoning for Activity Recognition. IEEE Transactions on Industrial Informatics, 2023, 19, 5530-5542.	7.2	5
2	A Quantum Mechanics-Based Framework for EEG Signal Feature Extraction and Classification. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 211-222.	3.2	39
3	Subspace Clustering via Structured Sparse Relation Representation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4610-4623.	7.2	9
4	One-Dimensional Deep Convolutional Neural Network for Mineral Classification from Raman Spectroscopy. Neural Processing Letters, 2022, 54, 677-690.	2.0	19
5	A robust quantum private query based on six-qubit with decoherence. Optik, 2022, 253, 168507.	1.4	1
6	Subspace clustering via adaptive least square regression with smooth affinities. Knowledge-Based Systems, 2022, 239, 107950.	4.0	6
7	Multi-Party Quantum Key Agreement Protocol Based on G-Like States and $\mathbb{I}^{\pm}$ States. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	1
8	Enhancing robustness of noisy qutrit teleportation with Markovian memory. EPJ Quantum Technology, 2022, 9, .	2.9	9
9	Improved two-qubit quantum state sharing protocol based on entanglement swapping of bell states. Quantum Information Processing, 2022, 21, 1.	1.0	2
10	Multi-User Quantum Private Query Using Symmetric Multi-Particle W State. International Journal of Theoretical Physics, 2022, 61, .	0.5	4
11	An Efficient and Novel Semi-Quantum Deterministic Secure Quantum Communication Protocol. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	4
12	Semi-quantum secret sharing in high-dimensional quantum system using product states. Chinese Journal of Physics, 2022, 77, 1701-1712.	2.0	5
13	Conclusive multiparty quantum state sharing in amplitude-damping channel. Quantum Information Processing, 2022, 21, 1.	1.0	3
14	Distributed entanglement generation from asynchronously excited qubits. Frontiers of Physics, 2022, 17, 1.	2.4	0
15	Hierarchical Activity Recognition Based on Belief Functions Theory in Body Sensor Networks. IEEE Sensors Journal, 2022, 22, 15211-15221.	2.4	4
16	Quantum Private Query Using W State. International Journal of Theoretical Physics, 2021, 60, 2531-2542.	0.5	4
17	Online nonparametric Bayesian analysis of parsimonious Gaussian mixture models and scenes clustering. ETRI Journal, 2021, 43, 74-81.	1.2	4
18	Evidential Reasoning With Hesitant Fuzzy Belief Structures for Human Activity Recognition. IEEE Transactions on Fuzzy Systems, 2021, 29, 3607-3619.	6.5	27

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19	A Neural Network Model for Text Detection in Chinese Drug Package Insert. IEEE Access, 2021, 9, 39781-39791.	2.6	2
20	Controlled Deterministic Secure Semi-Quantum Communication. International Journal of Theoretical Physics, 2021, 60, 1767-1782.	0.5	4
21	Three-party semi-quantum protocol for deterministic secure quantum dialogue based on GHZ states. Quantum Information Processing, 2021, 20, 1.	1.0	8
22	A novel dynamic quantum secret sharing in high-dimensional quantum system. Quantum Information Processing, 2021, 20, 1.	1.0	24
23	Quantum Image Scaling Based on Bilinear Interpolation with Decimals Scaling Ratio. International Journal of Theoretical Physics, 2021, 60, 2115-2144.	0.5	7
24	Quantum Matrix Multiplier. International Journal of Theoretical Physics, 2021, 60, 2037-2048.	0.5	3
25	Controllable Quantum Network Coding Scheme Based on Quantum Walk. International Journal of Theoretical Physics, 2021, 60, 3363-3374.	0.5	3
26	Semi-Quantum Mutual Identity Authentication Using Bell States. International Journal of Theoretical Physics, 2021, 60, 3353-3362.	0.5	10
27	Bidirectional Controlled Quantum Teleportation of Three-Qubit State by a New Entangled Eleven-Qubit State. International Journal of Theoretical Physics, 2021, 60, 3618-3630.	0.5	14
28	Asymmetric Cyclic Controlled Quantum Teleportation by Using Nine-Qubit Entangled State. International Journal of Theoretical Physics, 2021, 60, 3435-3459.	0.5	10
29	A quantum search algorithm of two-dimensional convex hull. Communications in Theoretical Physics, 2021, 73, 115102.	1.1	2
30	Multi-Criteria Analysis of Sensor Reliability for Wearable Human Activity Recognition. IEEE Sensors Journal, 2021, 21, 19144-19156.	2.4	4
31	Dynamic Multiparty Quantum Secret Sharing With a Trusted Party Based on Generalized GHZ State. IEEE Access, 2021, 9, 22986-22995.	2.6	12
32	Quantum algorithm for the nonlinear dimensionality reduction with arbitrary kernel. Quantum Science and Technology, 2021, 6, 014001.	2.6	16
33	Quantum Image Edge Detection Based on Multi-Directions Gray-Scale Morphology. International Journal of Theoretical Physics, 2021, 60, 4162-4176.	0.5	3
34	Adaptive graph-regularized fixed rank representation for subspace segmentation. Pattern Analysis and Applications, 2020, 23, 443-453.	3.1	2
35	Global and local multi-view multi-label learning. Neurocomputing, 2020, 371, 67-77.	3.5	25
36	Quantum Bidirectional Teleportation $2 \hat{+} 2$ or $2 \hat{+} 3$ Qubit Teleportation Protocol Via 6-Qubit Entangled State. International Journal of Theoretical Physics, 2020, 59, 166-172.	0.5	29

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37	Weight-and-Universum-based semi-supervised multi-view learning machine. <i>Soft Computing</i> , 2020, 24, 10657-10679.	2.1	5
38	A Novel Protocol for Bidirectional Controlled Quantum Teleportation of Two-Qubit States Via Seven-Qubit Entangled State in Noisy Environment. <i>International Journal of Theoretical Physics</i> , 2020, 59, 134-148.	0.5	20
39	Quantum image encryption based on Lorenz hyper-chaotic system. <i>International Journal of Quantum Information</i> , 2020, 18, 2050022.	0.6	15
40	Quantum Image Histogram Statistics. <i>International Journal of Theoretical Physics</i> , 2020, 59, 3533-3548.	0.5	4
41	Ramsey-like spectroscopy of superconducting qubits with dispersive evolution. <i>Physical Review A</i> , 2020, 102, .	1.0	0
42	Quantum image encryption algorithm based on generalized Arnold transform and Logistic map. <i>CCF Transactions on High Performance Computing</i> , 2020, 2, 228-253.	1.1	9
43	Synchronization of two cavity-coupled qubits measured by entanglement. <i>Scientific Reports</i> , 2020, 10, 12975.	1.6	8
44	Asymmetric scaling scheme over the two dimensions of a quantum image. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	7
45	Controlled Bidirectional Quantum Teleportation of Arbitrary Single Qubit via a Non-maximally Entangled State. <i>International Journal of Theoretical Physics</i> , 2020, 59, 2966-2983.	0.5	7
46	Quantum image sharpness estimation based on the Laplacian operator. <i>International Journal of Quantum Information</i> , 2020, 18, 2050008.	0.6	4
47	A quantum deep convolutional neural network for image recognition. <i>Quantum Science and Technology</i> , 2020, 5, 044003.	2.6	94
48	Quantum image steganography algorithm based on modified exploiting modification direction embedding. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	13
49	A new multi-view learning machine with incomplete data. <i>Pattern Analysis and Applications</i> , 2020, 23, 1085-1116.	3.1	4
50	Quantum image encryption algorithm based on Arnold scrambling and wavelet transforms. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	41
51	Detection of steganography in quantum grayscale images. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	7
52	A comment on "Quantum image processing". <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	7
53	A Neural Network Architecture for Information Extraction in Chinese Drug Package Insert. <i>IEEE Access</i> , 2020, 8, 51256-51264.	2.6	2
54	Global and local multi-view multi-label learning with incomplete views and labels. <i>Neural Computing and Applications</i> , 2020, 32, 15007-15028.	3.2	10

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55	PAN: Pipeline assisted neural networks model for data-to-text generation in social internet of things. Information Sciences, 2020, 530, 167-179.	4.0	30
56	Two-level information hiding for quantum images using optimal LSB. Quantum Information Processing, 2019, 18, 1.	1.0	10
57	Similarity assessment of quantum images. Quantum Information Processing, 2019, 18, 1.	1.0	10
58	Controlled joint remote preparation of an arbitrary N-qubit state. Quantum Information Processing, 2019, 18, 1.	1.0	4
59	Quantum image edge extraction based on improved Prewitt operator. Quantum Information Processing, 2019, 18, 1.	1.0	57
60	Quantum Image Edge Extraction Based on Improved Sobel Operator. International Journal of Theoretical Physics, 2019, 58, 2969-2985.	0.5	39
61	Bidirectional Quantum Controlled Teleportation of Three-Qubit State by Using GHZ States. International Journal of Theoretical Physics, 2019, 58, 3594-3601.	0.5	30
62	Quantum image scaling based on bilinear interpolation with arbitrary scaling ratio. Quantum Information Processing, 2019, 18, 1.	1.0	15
63	Asymmetric Bidirectional Controlled Teleportation by Using Nine-Qubit Entangled State in Noisy Environment. IEEE Access, 2019, 7, 75247-75264.	2.6	16
64	A continuous-variable quantum-inspired algorithm for classical image segmentation. Quantum Machine Intelligence, 2019, 1, 97-111.	2.7	6
65	Cyclic Hybrid Double-Channel Quantum Communication via Bell-State and GHZ-State in Noisy Environments. IEEE Access, 2019, 7, 80530-80541.	2.6	27
66	A novel quantum steganography scheme based on ASCII. International Journal of Quantum Information, 2019, 17, 1950033.	0.6	5
67	Quantum Image Watermarking Algorithm Based on Haar Wavelet Transform. IEEE Access, 2019, 7, 121303-121320.	2.6	27
68	Quantum watermarking algorithm based on chaotic affine scrambling. International Journal of Quantum Information, 2019, 17, 1950038.	0.6	2
69	Quantum Circuit Realization of Morphological Gradient for Quantum Grayscale Image. International Journal of Theoretical Physics, 2019, 58, 415-435.	0.5	6
70	Subspace segmentation via self-regularized latent K-means. Expert Systems With Applications, 2019, 136, 316-326.	4.4	1
71	Efficient quantum steganography scheme using inverted pattern approach. Quantum Information Processing, 2019, 18, 1.	1.0	14
72	Improved Quantum Image Median Filtering in the Spatial Domain. International Journal of Theoretical Physics, 2019, 58, 2115-2133.	0.5	20

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73	Cyclic and Bidirectional Quantum Teleportation via Pseudo Multi-Qubit States. IEEE Access, 2019, 7, 42445-42449.	2.6	28
74	Novel quantum secret image-sharing scheme. Chinese Physics B, 2019, 28, 040302.	0.7	12
75	Latent graph-regularized inductive robust principal component analysis. Knowledge-Based Systems, 2019, 177, 68-81.	4.0	5
76	Bidirectional Quantum Teleportation by Using Six-Qubit Cluster State. IEEE Access, 2019, 7, 44269-44275.	2.6	48
77	Color image storage and retrieval using quantum mechanics. Quantum Information Processing, 2019, 18, 1.	1.0	2
78	Quantum Watermarking Based on Neighbor Mean Interpolation and LSB Steganography Algorithms. International Journal of Theoretical Physics, 2019, 58, 2134-2157.	0.5	6
79	Traceable Quantum Steganography Scheme Based on Pixel Value Differencing. Scientific Reports, 2019, 9, 15134.	1.6	11
80	An Improved Structured Low-Rank Representation for Disjoint Subspace Segmentation. Neural Processing Letters, 2019, 50, 1035-1050.	2.0	2
81	Bidirectional Quantum Teleportation of Two-Qubit State Via Four-Qubit Cluster State. International Journal of Theoretical Physics, 2019, 58, 150-156.	0.5	24
82	Semi-supervised one-pass multi-view learning. Neural Computing and Applications, 2019, 31, 8117-8134.	3.2	2
83	Adaptive LSB quantum watermarking method using tri-way pixel value differencing. Quantum Information Processing, 2019, 18, 1.	1.0	23
84	A Quantum Image Watermarking Scheme Based on Two-Bit Superposition. International Journal of Theoretical Physics, 2019, 58, 950-968.	0.5	3
85	Quantum image edge extraction based on Laplacian operator and zero-cross method. Quantum Information Processing, 2019, 18, 1.	1.0	34
86	LSBs-based quantum color images watermarking algorithm in edge region. Quantum Information Processing, 2019, 18, 1.	1.0	30
87	Quantum image edge extraction based on classical Sobel operator for NEQR. Quantum Information Processing, 2019, 18, 1.	1.0	29
88	Signal and image compression using quantum discrete cosine transform. Information Sciences, 2019, 473, 121-141.	4.0	44
89	Weight-based canonical sparse cross-view correlation analysis. Pattern Analysis and Applications, 2019, 22, 457-476.	3.1	2
90	Quantum color image watermarking based on Arnold transformation and LSB steganography. International Journal of Quantum Information, 2018, 16, 1850021.	0.6	22

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91	Robust Subspace Segmentation by Self-Representation Constrained Low-Rank Representation. <i>Neural Processing Letters</i> , 2018, 48, 1671-1691.	2.0	36
92	Quantum Watermarking Scheme Based on INEQR. <i>International Journal of Theoretical Physics</i> , 2018, 57, 1120-1131.	0.5	8
93	Similarity analysis between quantum images. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	13
94	A Novel Quantum Image Steganography Scheme Based on LSB. <i>International Journal of Theoretical Physics</i> , 2018, 57, 1848-1863.	0.5	39
95	Optimal LSBs-based quantum watermarking with lower distortion. <i>International Journal of Quantum Information</i> , 2018, 16, 1850058.	0.6	4
96	Quantum color image watermarking based on fast bit-plane scramble and dual embedded. <i>International Journal of Quantum Information</i> , 2018, 16, 1850060.	0.6	5
97	Improved linear classifier model with Nyström. <i>PLoS ONE</i> , 2018, 13, e0206798.	1.1	0
98	Enhanced least significant qubit watermarking scheme for quantum images. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	24
99	Quantum realization of the nearest neighbor value interpolation method for INEQR. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	26
100	Fuzzy Matching Based on Gray-scale Difference for Quantum Images. <i>International Journal of Theoretical Physics</i> , 2018, 57, 2447-2460.	0.5	20
101	Global and Local Translation Designs of Quantum Image Based on FRQI. <i>International Journal of Theoretical Physics</i> , 2017, 56, 1382-1398.	0.5	42
102	Quantum multidimensional color image scaling using nearest-neighbor interpolation based on the extension of FRQI. <i>Modern Physics Letters B</i> , 2017, 31, 1750184.	1.0	11
103	A Self-consistent Approach Applied to the Ferro and Antiferromagnetism of Nanotubes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 2523-2534.	0.8	1
104	Quantum realization of the bilinear interpolation method for NEQR. <i>Scientific Reports</i> , 2017, 7, 2511.	1.6	56
105	Quantum Circuit Realization of the Bilinear Interpolation Method for GQIR. <i>International Journal of Theoretical Physics</i> , 2017, 56, 2966-2980.	0.5	23
106	Quantum watermarking scheme through Arnold scrambling and LSB steganography. <i>Quantum Information Processing</i> , 2017, 16, 1.	1.0	176
107	Geometric transformations of multidimensional color images based on NASS. <i>Information Sciences</i> , 2016, 340-341, 191-208.	4.0	51
108	A novel reversible carry-selected adder with low latency. <i>International Journal of Electronics</i> , 2016, 103, 1202-1215.	0.9	4

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109	Dynamic entanglement transfer in a double-cavity optomechanical system. <i>Physical Review A</i> , 2015, 92, .	1.0	30
110	Novel neural network modeling method and applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2015, 25, 769-779.	0.8	4
111	Quantum Image Morphology Processing Based on Quantum Set Operation. <i>International Journal of Theoretical Physics</i> , 2015, 54, 1974-1986.	0.5	15
112	Comment on the "Quantum Public-Key Cryptosystem". <i>International Journal of Theoretical Physics</i> , 2015, 54, 1033-1037.	0.5	1
113	Quantum image Gray-code and bit-plane scrambling. <i>Quantum Information Processing</i> , 2015, 14, 1717-1734.	1.0	87
114	Quantum multidimensional color images similarity comparison. <i>Quantum Information Processing</i> , 2015, 14, 1605-1624.	1.0	12
115	Novel Design for Reversible Arithmetic Logic Unit. <i>International Journal of Theoretical Physics</i> , 2015, 54, 630-644.	0.5	4
116	Simulation optimization to microwave components using neural network. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2014, 27, 1-9.	1.2	3
117	An Online Banking System Based on Quantum Cryptography Communication. <i>International Journal of Theoretical Physics</i> , 2014, 53, 2177-2190.	0.5	9
118	Multi-dimensional color image storage and retrieval for a normal arbitrary quantum superposition state. <i>Quantum Information Processing</i> , 2014, 13, 991-1011.	1.0	117
119	Novel designs for fault tolerant reversible binary coded decimal adders. <i>International Journal of Electronics</i> , 2014, 101, 1336-1356.	0.9	25
120	Quantum novel genetic algorithm based on parallel subpopulation computing and its application. <i>Artificial Intelligence Review</i> , 2014, 41, 359-371.	9.7	9
121	A theoretical framework for quantum image representation and data loading scheme. <i>Science China Information Sciences</i> , 2014, 57, 1-11.	2.7	10
122	Multidimensional color image storage, retrieval, and compression based on quantum amplitudes and phases. <i>Information Sciences</i> , 2014, 273, 212-232.	4.0	84
123	Image storage, retrieval and compression in entangled quantum systems. , 2014, , .		4
124	Image storage, retrieval, compression and segmentation in a quantum system. <i>Quantum Information Processing</i> , 2013, 12, 2269-2290.	1.0	127
125	Quantum Pattern Search with Closed Match. <i>International Journal of Theoretical Physics</i> , 2013, 52, 3970-3980.	0.5	2
126	Quantum Image Encryption and Decryption Algorithms Based on Quantum Image Geometric Transformations. <i>International Journal of Theoretical Physics</i> , 2013, 52, 1802-1817.	0.5	142



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127	Optimization Approaches for Designing a Novel 4-Bit Reversible Comparator. International Journal of Theoretical Physics, 2013, 52, 559-575.	0.5	10
128	Quantum search algorithm for set operation. Quantum Information Processing, 2013, 12, 481-492.	1.0	12
129	Designing novel reversible BCD adder and parallel adder/subtraction using new reversible logic gates. International Journal of Electronics, 2012, 99, 1395-1414.	0.9	81
130	Quantum Associative Neural Network with Nonlinear Search Algorithm. International Journal of Theoretical Physics, 2012, 51, 705-723.	0.5	31
131	Transistor realization of reversible $\epsilon$ -series gates and reversible array multiplier. Microelectronics Journal, 2011, 42, 305-315.	1.1	26
132	Quantum Competitive Neural Network. International Journal of Theoretical Physics, 2010, 49, 110-119.	0.5	23
133	Dynamics of Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2009, 5, 693-707.	1.3	5
134	Quantum Pattern Recognition with Probability of 100%. International Journal of Theoretical Physics, 2008, 47, 1278-1285.	0.5	19
135	Quantum Gate Network Based on Adiabatic Theorem. , 2008, , .		1
136	The Evolution of Web Service-Flow. , 2008, , .		0
137	Feature Selection based on QFT. , 2007, , .		1
138	Quantum M-P Neural Network. International Journal of Theoretical Physics, 2007, 46, 3209-3215.	0.5	48
139	Dynamic Analysis and Application of QANN. , 2006, , .		5
140	A Novel Quantum Steganography Scheme Based on ASCII. , 0, , .		2
141	Weak-label-based global and local multi-view multi-label learning with three-way clustering. International Journal of Machine Learning and Cybernetics, 0, , 1.	2.3	1
142	Quantum network coding based on six-qubit entangled state. Modern Physics Letters B, 0, , .	1.0	1
143	A quantum steganography scheme using quantum wavelet transforms. Modern Physics Letters B, 0, , .	1.0	0