Qing-Li Li

List of Publications by Year
in descending order

154 papers	2,332 citations	218662 26 h-index	254170 43 g-index
159 all docs	159 docs citations	159 times ranked	1980 citing authors

#	Article	IF	Citations
1	Angelâ€™s Girl for Blind Painters: An Efficient Painting Navigation System Validated by Multimodal Evaluation Approach. IEEE Transactions on Multimedia, 2023, 25, 2415-2429.	7.2	2
2	Cascaded Multiscale Structure With Self-Smoothing Atrous Convolution for Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	8
3	Diagnosis of cholangiocarcinoma from microscopic hyperspectral pathological dataset by deep convolution neural networks. Methods, 2022, 202, 22-30.	3.8	40
4	A novel loss function of deep learning in wind speed forecasting. Energy, 2022, 238, 121808.	8.8	34
5	An autofocus algorithm considering wavelength changes for large scale microscopic hyperspectral pathological imaging system. Journal of Biophotonics, 2022, 15, e202100366.	2.3	5
6	Systematic analysis of gene expression alteration of BIRC5/survivn in gastric cancer.. Journal of Clinical Oncology, 2022, 40, 353-353.	1.6	0
7	Effect of fruquintinib on programmed death receptor-1 blockade antitumor immune responses in colorectal cancer.. Journal of Clinical Oncology, 2022, 40, 150-150.	1.6	0
8	Evaluation of Pulmonary Edema Using Ultrasound Imaging in Patients With COVID-19 Pneumonia Based on a Non-local Channel Attention ResNet. Ultrasound in Medicine and Biology, 2022, 48, 945-953.	1.5	10
9	Automated lung ultrasound scoring for evaluation of coronavirus disease 2019 pneumonia using two-stage cascaded deep learning model. Biomedical Signal Processing and Control, 2022, 75, 103561.	5.7	15
10	A New Rainfall-Runoff Model Using Improved LSTM with Attentive Long and Short Lag-Time. Water (Switzerland), 2022, 14, 697.	2.7	5
11	Exploring the mechanism of PARPi resistance in ovarian cancer by integrated analyze of pre- and post-progression samples in 5 patients.. Journal of Clinical Oncology, 2022, 40, e17582-e17582.	1.6	0
12	Characteristics of germline DNA damage response gene mutations in ovarian cancer in Southwest China.. Journal of Clinical Oncology, 2022, 40, e17606-e17606.	1.6	0
13	Adaptive Effective Receptive Field Convolution for Semantic Segmentation of VHR Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3532-3546.	6.3	35
14	Identification of Melanoma From Hyperspectral Pathology Image Using 3D Convolutional Networks. IEEE Transactions on Medical Imaging, 2021, 40, 218-227.	8.9	59
15	A Coherent Cooperative Learning Framework Based on Transfer Learning for Unsupervised Cross-Domain Classification. Lecture Notes in Computer Science, 2021, , 96-106.	1.3	0
16	Identification of skin melanoma based on microscopic hyperspectral imaging technology. , 2021, , .		3
17	Model-Based Transfer Learning and Sparse Coding for Partial Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4347-4356.	8.3	11
18	ResNet-50 based Method for Cholangiocarcinoma Identification from Microscopic Hyperspectral Pathology Images. Journal of Physics: Conference Series, 2021, 1880, 012019.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Low-Cost and Unobtrusive Respiratory Condition Monitoring Based on Raspberry Pi and Recurrent Neural Network. , 2021, , .		1
20	Face Mask Assistant: Detection of Face Mask Service Stage Based on Mobile Phone. IEEE Sensors Journal, 2021, 21, 11084-11093.	4.7	38
21	Identification of Deep Breath While Moving Forward Based on Multiple Body Regions and Graph Signal Analysis. , 2021, , .		2
22	Chemotherapy initiation with single-course methotrexate alone or combined with dactinomycin versus multi-course methotrexate for low-risk gestational trophoblastic neoplasia: a multi-centric randomized clinical trial. Frontiers of Medicine, 2021, , 1.	3.4	0
23	Progressive Multi-Stage Feature Mix for Person Re-Identification. , 2021, , .		0
24	PCA-U-Net based breast cancer nest segmentation from microarray hyperspectral images. Fundamental Research, 2021, 1, 631-640.	3.3	10
25	A 3D attention networks for classification of white blood cells from microscopy hyperspectral images. Optics and Laser Technology, 2021, 139, 106931.	4.6	35
26	<scp>3Dâ€PulCNN</scp>: Pulmonary cancer classification from hyperspectral images using convolution combination unit based <scp>CNN</scp>. Journal of Biophotonics, 2021, 14, e202100142.	2.3	10
27	Association Between Adjuvant Sorafenib and the Prognosis of Patients With Hepatocellular Carcinoma at a High Risk of Recurrence After Radical Resection. Frontiers in Oncology, 2021, 11, 633033.	2.8	5
28	Semantic boundary enhancement and position attention network with long-range dependency for semantic segmentation. Applied Soft Computing Journal, 2021, 109, 107511.	7.2	6
29	Respiratory Consultant by Your Side: Affordable and Remote Intelligent Respiratory Rate and Respiratory Pattern Monitoring System. IEEE Internet of Things Journal, 2021, 8, 14999-15009.	8.7	5
30	Design and Optimization of an Assistive Cane With Visual Odometry for Blind People to Detect Obstacles With Hollow Section. IEEE Sensors Journal, 2021, 21, 24759-24770.	4.7	7
31	Quantitative Analysis and Automated Lung Ultrasound Scoring for Evaluating COVID-19 Pneumonia With Neural Networks. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2507-2515.	3.0	19
32	Identification of various food residuals on denim based on hyperspectral imaging system and combination optimal strategy. Artificial Intelligence in Agriculture, 2021, 5, 125-132.	6.0	6
33	Speeded-Up Robust Features-based image mosaic method for large-scale microscopic hyperspectral pathological imaging. Measurement Science and Technology, 2021, 32, 035503.	2.6	10
34	Automated Pleural Line Detection Based on Radon Transform Using Ultrasound. Ultrasonic Imaging, 2021, 43, 19-28.	2.6	5
35	ID-Unet: Iterative Soft and Hard Deformation for View Synthesis. , 2021, , .		4
36	Claw U-Net: AÂUNet Variant Network withÂDeep Feature Concatenation for Scleral Blood Vessel Segmentation. Lecture Notes in Computer Science, 2021, , 67-78.	1.3	8

#	Article	IF	Citations
37	Single Generative Networks for Stain Normalization and Quality Enhancement of Histological Images in Digital Pathology. , 2021, , .		1
38	Swin-Spectral Transformer for Cholangiocarcinoma Hyperspectral Image Segmentation. , 2021, , .		1
39	Recursive Video Denoising Algorithm for Low Light Surveillance Applications. , 2021, , .		0
40	Retinal Image Registration Based on Features of Vessel-Segmented Image. , 2021, , .		0
41	Study on Hyperspectral Inversion Model for Water Depth of the Yangtze Estuary Based on Remote Sensing Satellite. , 2021, , .		0
42	Bijective Multi-mode Deraining on Single Image. , 2021, , .		0
43	The prognostic factor for recurrence in advanced-stage high-grade serous ovarian cancer after complete clinical remission: a nested case-control study. Journal of Ovarian Research, 2021, 14, 179.	3.0	2
44	A Wavelet-Predominant Algorithm Can Evaluate Quality of THz Security Image and Identify Its Usability. IEEE Transactions on Broadcasting, 2020, 66, 140-152.	3.2	15
45	Blood Cell Classification Based on Hyperspectral Imaging With Modulated Gabor and CNN. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 160-170.	6.3	58
46	Calligraphy Navigation System for Blind People Based on Visual Prosthesis on Waist Belt. , 2020, , .		2
47	The importance of short lag-time in the runoff forecasting model based on long short-term memory. Journal of Hydrology, 2020, 589, 125359.	5.4	58
48	Gabor Feature-Based LogDemons With Inertial Constraint for Nonrigid Image Registration. IEEE Transactions on Image Processing, 2020, 29, 8238-8250.	9.8	3
49	Disentangling The Spatial Structure And Style In Conditional VAE. , 2020, , .		7
50	GF5-Based Water Quality Monitoring of East Dongting Lake, China. IOP Conference Series: Earth and Environmental Science, 2020, 509, 012031.	0.3	1
51	Rapidly developing human heat residue model under various conditions based on Fluent and thermal video. Infrared Physics and Technology, 2020, 110, 103468.	2.9	3
52	A blood cell dataset for lymphoma classification using faster R-CNN. Biotechnology and Biotechnological Equipment, 2020, 34, 413-420.	1.3	18
53	Convolutional Neural Networks Based on Residual Block for No-Reference Image Quality Assessment of Smartphone Camera Images. , 2020, , .		2
54	Opinion-Unaware No-Reference Image Quality Assessment of Smartphone Camera Images Based on Aesthetics and Human Perception. , 2020, , .		1

#	Article	IF	Citations
55	Quality assessment model for smartphone camera photo based on inception network with residual module and batch normalization. , 2020, , .		1
56	Unobtrusive and Automatic Classification of Multiple People's Abnormal Respiratory Patterns in Real Time Using Deep Neural Network and Depth Camera. IEEE Internet of Things Journal, 2020, 7, 8559-8571.	8.7	47
57	Clinical profile and treatment outcome of collision carcinoma in cervix. Medicine (United States), 2020, 99, e19131.	1.0	5
58	Spatial-spectral identification of abnormal leukocytes based on microscopic hyperspectral imaging technology. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	10
59	Automated Ultrasound Measurement of the Inferior Vena Cava: An Animal Study. Ultrasonic Imaging, 2020, 42, 148-158.	2.6	2
60	Novel View Synthesis on Unpaired Data by Conditional Deformable Variational Auto-Encoder. Lecture Notes in Computer Science, 2020, , 87-103.	1.3	7
61	PMIQD 2019: A Pathological Microscopic Image Quality Database with Nonexpert and Expert Scores. Communications in Computer and Information Science, 2020, , 293-301.	0.5	1
62	Wearable Visually Assistive Device for Blind People to Appreciate Real-world Scene and Screen Image. , 2020, , .		1
63	Special Cane with Visual Odometry for Real-time Indoor Navigation of Blind People. , 2020, , .		3
64	Preliminary Study on Visual Attention Maps of Experts and Nonexperts When Examining Pathological Microscopic Images. Communications in Computer and Information Science, 2020, , 140-149.	0.5	0
65	LncRNA DANCR promotes tumor growth and angiogenesis in ovarian cancer through direct targeting of miR‐145. Molecular Carcinogenesis, 2019, 58, 2286-2296.	2.7	64
66	A Multidimensional Choledoch Database and Benchmarks for Cholangiocarcinoma Diagnosis. IEEE Access, 2019, 7, 149414-149421.	4.2	34
67	Medical Hyperspectral Image Classification Based on End-to-End Fusion Deep Neural Network. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4481-4492.	4.7	78
68	ALK positive lung cancer identification and targeted drugs evaluation using microscopic hyperspectral imaging technique. Infrared Physics and Technology, 2019, 96, 267-275.	2.9	6
69	An efficient model transfer approach to suppress biological variation in elastic modulus and firmness regression models using hyperspectral data. Infrared Physics and Technology, 2019, 99, 140-151.	2.9	3
70	Angel Girl of Visually Impaired Artists: Painting Navigation System for Blind or Visually Impaired Painters. , 2019, , .		3
71	Water Quality Monitoring of the Yangtze Estuary by Using GF-5 Hyperspectral Image. , 2019, , .		2
72	Leukocyte classification based on spatial and spectral features of microscopic hyperspectral images. Optics and Laser Technology, 2019, 112, 530-538.	4.6	48

#	Article	IF	Citations
73	Person Re-id by Incorporating PCA Loss in CNN. Lecture Notes in Computer Science, 2018, , 200-212.	1.3	0
74	A Multi-Dimensional Hyperspectral Image Mosaic Method and its Acquisition System. , 2018, , .		1
75	Segmentation of Pathological Features of Rat Bile Duct Carcinoma from Hyperspectral Images. , 2018, , .		3
76	Investigation in Spatial-Temporal Domain for Face Spoof Detection. , 2018, , .		11
77	Melanoma and Melanocyte Identification from Hyperspectral Pathology Images Using Object-Based Multiscale Analysis. Applied Spectroscopy, 2018, 72, 1538-1547.	2.2	8
78	Quantitative analysis of liver tumors at different stages using microscopic hyperspectral imaging technology. Journal of Biomedical Optics, 2018, 23, 1.	2.6	16
79	Guided Filter-Based Medical Hyperspectral Image Restoration and Cell Classification. Journal of Medical Imaging and Health Informatics, 2018, 8, 826-835.	0.3	6
80	Age Estimation via Pose-Invariant 3D Face Alignment Feature in 3 Streams of CNN. Lecture Notes in Computer Science, 2018, , 172-183.	1.3	1
81	An automatic liver fibrosis qualitative analysis method based on hyperspectral images. , 2018, , .		1
82	A BandMax and spectral angle mapper based alogrithm for white blood cell segmentation. Proceedings of SPIE, 2017, , .	0.8	0
83	SAM Filter Based Convolution Neural Network Alogrithm for Leukocyte Classification. , 2017, , .		0
84	Adaptive and automatic red blood cell counting method based on microscopic hyperspectral imaging technology. Journal of Optics (United Kingdom), 2017, 19, 124014.	2.2	8
85	Medical image mosaic based on low-overlapping regions. , 2017, , .		4
86	Facial age estimation through self-paced learning. , 2017, , .		0
87	Spectral-spatial feature-based neural network method for acute lymphoblastic leukemia cell identification via microscopic hyperspectral imaging technology. Biomedical Optics Express, 2017, 8, 3017.	2.9	59
88	A hyperspectral vessel image registration method for blood oxygenation mapping. PLoS ONE, 2017, 12, e0178499.	2.5	5
89	An orthonormalized basis function algorithm based on wavelet analysis for Magnetic Anomaly Detection. , 2017, , .		3
90	Age Estimation by Refining Label Distribution in Deep CNN. Lecture Notes in Computer Science, 2017, , 86-96.	1.3	0

#	ARTICLE	IF	CITATIONS
91	A Gaussian process and derivative spectral-based algorithm for red blood cell segmentation. Proceedings of SPIE, 2017, , .	0.8	0
92	An improved support vector machine algorithm for blood cell segmentation from hyperspectral images. , 2016, , .		0
93	An improved SAM algorithm for red blood cells and white blood cells segmentation. , 2016, , .		1
94	A multi-dimensional microscopic imaging system and reconstruction methods. , 2016, , .		2
95	Blood cell segmentation based on the hybrid algorithm of spectral angle mapping and spectral information divergence. , 2016, , .		2
96	An automatic red blood cell counting method based on spectral images. , 2016, , .		11
97	An Orthonormalized Basis Function based narrowband filtering algorithm for Magnetic Anomaly Detection. , 2016, , .		4
98	Support vector machine and morphological processing algorithm for red blood cell identification. , 2016, , .		0
99	A spectral and morphologic method for white blood cell classification. Optics and Laser Technology, 2016, 84, 144-148.	4.6	49
100	AOTF based molecular hyperspectral imaging system and its image pre-processing method. , 2015, , .		3
101	Red Blood Cell Count Automation Using Microscopic Hyperspectral Imaging Technology. Applied Spectroscopy, 2015, 69, 1372-1380.	2.2	30
102	Assembly and integration of optical sensors based on quantum dots-in-well in double-barrier photodetector array. , 2015, , .		2
103	Coexpression of CdSe and CdSe/CdS quantum dots in live cells using molecular hyperspectral imaging technology. Journal of Biomedical Optics, 2015, 20, 110504.	2.6	6
104	Skin cells segmentation algorithm based on spectral angle and distance score. Optics and Laser Technology, 2015, 74, 79-86.	4.6	13
105	Coding method for the study of the intrinsic mechanism of spectral analysis. Analytical Methods, 2015, 7, 3988-3992.	2.7	0
106	An automatic blood cell segmentation method based on hyperspectral imaging technology. , 2015, , .		0
107	An improved ISODATA algorithm for hyperspectral image classification. , 2014, , .		15
108	A preprocessing algorithm for hyperspectral images of vessels. , 2014, , .		0

#	Article	IF	Citations
109	Histological skin morphology enhancement base on molecular hyperspectral imaging technology. Skin Research and Technology, 2014, 20, 332-340.	1.6	5
110	Methyl green and nitrotetrazolium blue chloride co-expression in colon tissue: A hyperspectral microscopic imaging analysis. Optics and Laser Technology, 2014, 64, 337-342.	4.6	12
111	Automated assessment of the quality of diffusion tensor imaging data using color cast of color-encoded fractional anisotropy images. Magnetic Resonance Imaging, 2014, 32, 446-456.	1.8	13
112	Leukocyte cells identification and quantitative morphometry based on molecular hyperspectral imaging technology. Computerized Medical Imaging and Graphics, 2014, 38, 171-178.	5.8	23
113	Differentiation of peripheral nerve functions and properties with spectral analysis and Karnovsky-Roots staining: a preliminary study. International Journal of Clinical and Experimental Medicine, 2014, 7, 3253-7.	1.3	0
114	A combined spatial-spectral method for automated white blood cells segmentation. Optics and Laser Technology, 2013, 54, 225-231.	4.6	30
115	Aeromagnetic compensation based on truncated singular value decomposition with an improved parameter-choice algorithm. , 2013, , .		22
116	AOTF based molecular hyperspectral imaging system and its applications on nerve morphometry. Applied Optics, 2013, 52, 3891.	1.8	38
117	Review of spectral imaging technology in biomedical engineering: achievements and challenges. Journal of Biomedical Optics, 2013, 18, 100901.	2.6	300
118	An Acousto-Optic Tunable Filter and Digital Micromirror Device Based Projection Display System. Lecture Notes in Electrical Engineering, 2013, , 29-35.	0.4	0
119	Tongue Tumor Detection in Medical Hyperspectral Images. Sensors, 2012, 12, 162-174.	3.8	109
120	Radiometric Correction and Feature Extraction of Molecular Hyperspectral Imaging Data. , 2012, , .		0
121	Automatic identification and quantitative morphometry of unstained spinal nerve using molecular hyperspectral imaging technology. Neurochemistry International, 2012, 61, 1375-1384.	3.8	12
122	Microsopic hyperspectral imaging system used in rat skin analysis. , 2012, , .		2
123	Nerve fibers identification based on molecular hyperspectral imaging technology. , 2012, , .		9
124	Pathological leucocyte segmentation algorithm based on hyperspectral imaging technique. Optical Engineering, 2012, 51, 053202.	1.0	19
125	Hyperspectral Imaging Technology Used in Tongue Diagnosis. , 2012, , .		5
126	Evaluation of erythropoietin efficacy on diabetic retinopathy based on molecular hyperspectral imaging (MHSI) system. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2012, 31, 248-253.	0.2	3

#	ARTICLE	IF	CITATIONS
127	An AOTF-Based Molecular Hyperspectral Imaging (MHSI) System. , 2011, , .		0
128	New-Styled System Based on Hyperspectral Imaging. , 2011, , .		7
129	Sublingual vein extraction algorithm based on hyperspectral tongue imaging technology. Computerized Medical Imaging and Graphics, 2011, 35, 179-185.	5.8	15
130	Radiometric correction of hyperspectral imaging data in spacial dimension and spectral dimension. , 2011, , .		3
131	Finger vein recognition with manifold learning. Journal of Network and Computer Applications, 2010, 33, 275-282.	9.1	128
132	Quantitative Analysis of Protective Effect of Erythropoietin on Diabetic Retinal Cells Using Molecular Hyperspectral Imaging Technology. IEEE Transactions on Biomedical Engineering, 2010, 57, 1699-1706.	4.2	19
133	Detection of physical defects in solar cells by hyperspectral imaging technology. Optics and Laser Technology, 2010, 42, 1010-1013.	4.6	34
134	Low cost AVR microcontroller development kit for undergraduate laboratory and take-home pedagogies. , 2010, , .		8
135	Evaluation of Erythropoietin Efficacy on Diabetic Rats Based on Microscopic Hyperspectral Imaging Technique. , 2010, , .		0
136	Non-rigid object reconstruction based on multiview images: A survey. , 2010, , .		1
137	Adaptive non-dominated sorting genetic algorithms for wavelength selection of molecular hyperspectral images. , 2010, , .		1
138	Sublingual Veins Extraction Method Based on Hyperspectral Tongue Images. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	2
139	Tongue fissure extraction and classification using hyperspectral imaging technology. Applied Optics, 2010, 49, 2006.	2.1	23
140	AOTF based hyperspectral tongue imaging system and its applications in computer-aided tongue disease diagnosis. , 2010, , .		7
141	Band Selection for Biomedical Hyperspectral Data Studies Using Genetic Algorithms. , 2009, , .		4
142	Tongue color analysis and discrimination based on hyperspectral images. Computerized Medical Imaging and Graphics, 2009, 33, 217-221.	5.8	63
143	Molecular Spectral Imaging System for Quantitative Immunohistochemical Analysis of Early Diabetic Retinopathy. Applied Spectroscopy, 2009, 63, 1336-1342.	2.2	7
144	Leukemic cells segmentation algorithm based on molecular spectral imaging technology. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
145	Microscopic hyperspectral imaging studies of normal and diabetic retina of rats. Science in China Series C: Life Sciences, 2008, 51, 789-794.	1.3	9
146	Study on microscope hyperspectral medical imaging method for biomedical quantitative analysis. Science Bulletin, 2008, 53, 1431-1434.	9.0	21
147	Hyperspectral Tongue Imaging System Used in Tongue Diagnosis. , 2008, , .		5
148	A novel hyperspectral medical sensor for tongue diagnosis. Sensor Review, 2007, 27, 57-60.	1.8	28
149	New microscopic pushbroom hyperspectral imaging system for application in diabetic retinopathy research. Journal of Biomedical Optics, 2007, 12, 064011.	2.6	18
150	Automated tongue segmentation in hyperspectral images for medicine. Applied Optics, 2007, 46, 8328.	2.1	73
151	Classification of hyperspectral medical tongue images for tongue diagnosis. Computerized Medical Imaging and Graphics, 2007, 31, 672-678.	5.8	87
152	Non-gyroscope DR and adaptive information fusion algorithm used in GPS/DR device. Journal of Systems Engineering and Electronics, 2006, 17, 390-395.	2.2	0
153	An effective GPS/DR device and algorithm used in vehicle positioning system. , 0, , .		10
154	Computer-aided decision-making system for endometrial atypical hyperplasia based on multi-modal and multi-instance deep convolution neural networks. Soft Computing, 0, , 1.	3.6	1