Yuijie Li

List of Publications by Year
in descending order

121 papers	4,542 citations	201385 27 h-index	106150 65 g-index
124 all docs	124 docs citations	124 times ranked	2835 citing authors

#	Article	IF	Citations
1	Multidimensional Deformable Object Manipulation Based on DN-Transporter Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4532-4540.	4.7	8
2	Device-free indoor localization based on sparse coding with nonconvex regularization and adaptive relaxation localization criteria. International Journal of Machine Learning and Cybernetics, 2023, 14, 429-443.	2.3	7
3	Joint Semantic-Instance Segmentation Method for Intelligent Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15540-15547.	4.7	5
4	Cognitive ocean of things: a comprehensive review and future trends. Wireless Networks, 2022, 28, 917-926.	2.0	11
5	Inception-SSD: An improved single shot detector for vehicle detection. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5047-5053.	3.3	20
6	Improved Point-Voxel Region Convolutional Neural Network: 3D Object Detectors for Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9311-9317.	4.7	28
7	VLD-45: A Big Dataset for Vehicle Logo Recognition and Detection. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25567-25573.	4.7	6
8	Multi-feature fusion point cloud completion network. World Wide Web, 2022, 25, 1551-1564.	2.7	4
9	Virtual Reality Aided High-Quality 3D Reconstruction by Remote Drones. ACM Transactions on Internet Technology, 2022, 22, 1-20.	3.0	2
10	Single image super resolution via wavelet transform fusion and SRFeat network. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5023-5031.	3.3	6
11	Image Segmentation With Language Referring Expression and Comprehension. IEEE Sensors Journal, 2022, 22, 17406-17413.	2.4	1
12	Weakly-Supervised Semantic Segmentation Network With Iterative dCRF. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25419-25426.	4.7	2
13	Global-PBNet: A Novel Point Cloud Registration for Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22312-22319.	4.7	50
14	Lignin Isolated from Poplar Wood for Porous Carbons as Electrode for High-Energy Renewable Supercapacitor Driven by Lignin/Deep Eutectic Solvent Composite Gel Polymer Electrolyte. ACS Applied Energy Materials, 2022, 5, 6393-6400.	2.5	22
15	WideSegNeXt: Semantic Image Segmentation Using Wide Residual Network and NeXt Dilated Unit. IEEE Sensors Journal, 2021, 21, 11427-11434.	2.4	43
16	Multi-Aspect Aware Session-Based Recommendation for Intelligent Transportation Services. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4696-4705.	4.7	45
17	Underwater image enhancement using improved generative adversarial network. Concurrency Computation Practice and Experience, 2021, 33, e5841.	1.4	9
18	Deep Fuzzy Hashing Network for Efficient Image Retrieval. IEEE Transactions on Fuzzy Systems, 2021, 29, 166-176.	6.5	236

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19	User-Oriented Virtual Mobile Network Resource Management for Vehicle Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3521-3532.	4.7	140
20	Confused-Modulo-Projection-Based Somewhat Homomorphic Encryption—Cryptosystem, Library, and Applications on Secure Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6324-6336.	5.5	4
21	Adversarial Attack Against Urban Scene Segmentation for Autonomous Vehicles. IEEE Transactions on Industrial Informatics, 2021, 17, 4117-4126.	7.2	20
22	Adaptive Square Attack: Fooling Autonomous Cars With Adversarial Traffic Signs. IEEE Internet of Things Journal, 2021, 8, 6337-6347.	5.5	32
23	Immiscible Two-Phase Parallel Microflow and Its Applications in Fabricating Micro- and Nanomaterials. , 2021, , 200-224.		0
24	MetaSeg: A survey of meta-learning for image segmentation. Cognitive Robotics, 2021, 1, 83-91.	3.2	6
25	Visual information processing for deep-sea visual monitoring system. Cognitive Robotics, 2021, 1, 3-11.	3.2	76
26	RFID Reader Anticollision Based on Distributed Parallel Particle Swarm Optimization. IEEE Internet of Things Journal, 2021, 8, 3099-3107.	5.5	95
27	An Effective Method for Preparation of Liquid Phosphoric Anhydride and Its Application in Flame Retardant Epoxy Resin. Materials, 2021, 14, 2205.	1.3	11
28	Viscoelasticity and Solution Stability of Cyanoethylcellulose with Different Molecular Weights in Aqueous Solution. Molecules, 2021, 26, 3201.	1.7	2
29	Merging Grid Maps in Diverse Resolutions by the Context-based Descriptor. ACM Transactions on Internet Technology, 2021, 21, 1-21.	3.0	2
30	Semantic-Aligned Attention With Refining Feature Embedding for Few-Shot Image Classification. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-11.	4.7	0
31	Improved Image Enhancement Method Based on Retinex Algorithm. Studies in Computational Intelligence, 2020, , 291-299.	0.7	2
32	Laser Soldering of Sn-based Solders with Different Melting Points. , 2020, , .		6
33	PSAC: Proactive Sequence-Aware Content Caching via Deep Learning at the Network Edge. IEEE Transactions on Network Science and Engineering, 2020, 7, 2145-2154.	4.1	44
34	Fabrication of Cellulose Nanocrystal-g-Poly(Acrylic Acid-Co-Acrylamide) Aerogels for Efficient Pb(II) Removal. Polymers, 2020, 12, 333.	2.0	27
35	A novel bilateral impedance controls for underwater tele-operation systems. Applied Soft Computing Journal, 2020, 91, 106194.	4.1	14
36	DeepEye: A Dedicated Camera for Deep-Sea Tripod Observation Systems. Studies in Computational Intelligence, 2020, , 507-511.	0.7	0

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37	Fast and robust feature tracking for 3D reconstruction. Optics and Laser Technology, 2019, 110, 120-128.	2.2	16
38	Underwater image restoration algorithm for free-ascending deep-sea tripods. Optics and Laser Technology, 2019, 110, 129-134.	2.2	14
39	Dilated-aware discriminative correlation filter for visual tracking. World Wide Web, 2019, 22, 791-805.	2.7	10
40	Secure face retrieval for group mobile users. Soft Computing, 2019, 23, 12813-12820.	2.1	3
41	Underwater Image High Definition Display Using the Multilayer Perceptron and Color Feature-Based SRCNN. IEEE Access, 2019, 7, 83721-83728.	2.6	23
42	Touch switch sensor for cognitive body sensor networks. Computer Communications, 2019, 146, 32-38.	3.1	2
43	CONet: A Cognitive Ocean Network. IEEE Wireless Communications, 2019, 26, 90-96.	6.6	140
44	Underwater image segmentation based on fast level set method. International Journal of Computational Science and Engineering, 2019, 19, 562.	0.4	1
45	Optimizing the Electronic Health Records Through Big Data Analytics: A Knowledge-Based View. IEEE Access, 2019, 7, 136223-136231.	2.6	17
46	High flow nasal cannula oxygen therapy versus non-invasive ventilation for chronic obstructive pulmonary disease with acute-moderate hypercapnic respiratory failure: an observational cohort study . International Journal of COPD, 2019, Volume 14, 1229-1237.	0.9	64
47	The Cognitive Internet of Vehicles for Autonomous Driving. IEEE Network, 2019, 33, 65-73.	4.9	98
48	Low-Light Underwater Image Enhancement for Deep-Sea Tripod. IEEE Access, 2019, 7, 44080-44086.	2.6	11
49	NAS-Unet: Neural Architecture Search for Medical Image Segmentation. IEEE Access, 2019, 7, 44247-44257.	2.6	288
50	Hessian matrix-based fourth-order anisotropic diffusion filter for image denoising. Optics and Laser Technology, 2019, 110, 184-190.	2.2	35
51	Delay-dependent Lâ€"L state estimation for neural networks with state and measurement time-varying delays. Neurocomputing, 2019, 331, 434-442.	3.5	6
52	GPU-accelerated feature tracking for 3D reconstruction. Optics and Laser Technology, 2019, 110, 165-175.	2.2	5
53	Dust removal from high turbid underwater images using convolutional neural networks. Optics and Laser Technology, 2019, 110, 2-6.	2.2	28
54	Spectral semi-blind deconvolution methods based on modified Ï† regularizations. Optics and Laser Technology, 2019, 110, 24-29.	2.2	18

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55	Sparse representation based image super-resolution on the KNN based dictionaries. Optics and Laser Technology, 2019, 110, 135-144.	2.2	10
56	Immiscible Two-Phase Parallel Microflow and Its Applications in Fabricating Micro- and Nanomaterials. Advances in Chemical and Materials Engineering Book Series, 2019, , 136-166.	0.2	0
57	Automatic road detection system for an air–land amphibious car drone. Future Generation Computer Systems, 2018, 85, 51-59.	4.9	15
58	Evaluation of Local Features for Structure from Motion. Multimedia Tools and Applications, 2018, 77, 10979-10993.	2.6	2
59	Deconvolution methods based on convex regularization for spectral resolution enhancement. Computers and Electrical Engineering, 2018, 70, 959-967.	3.0	14
60	Non-uniform de-Scattering and de-Blurring of Underwater Images. Mobile Networks and Applications, 2018, 23, 352-362.	2.2	38
61	Low illumination underwater light field images reconstruction using deep convolutional neural networks. Future Generation Computer Systems, 2018, 82, 142-148.	4.9	246
62	Smart pathological brain detection system by predator-prey particle swarm optimization and single-hidden layer neural-network. Multimedia Tools and Applications, 2018, 77, 3871-3885.	2.6	10
63	FDCNet: filtering deep convolutional network for marine organism classification. Multimedia Tools and Applications, 2018, 77, 21847-21860.	2.6	53
64	Active contour model-based segmentation algorithm for medical robots recognition. Multimedia Tools and Applications, 2018, 77, 10485-10500.	2.6	3
65	Brain Intelligence: Go beyond Artificial Intelligence. Mobile Networks and Applications, 2018, 23, 368-375.	2.2	807
66	Underwater Light Field Depth Map Restoration Using Deep Convolutional Neural Fields. Studies in Computational Intelligence, 2018, , 305-312.	0.7	7
67	Guided local laplacian filter-based image enhancement for deep-sea sensor networks. Multimedia Tools and Applications, 2018, 77, 10823-10834.	2.6	3
68	Motor Anomaly Detection for Unmanned Aerial Vehicles Using Reinforcement Learning. IEEE Internet of Things Journal, 2018, 5, 2315-2322.	5.5	373
69	A Low-Rank Tensor Model for Hyperspectral Image Sparse Noise Removal. IEEE Access, 2018, 6, 62120-62127.	2.6	3
70	Fast and robust local feature extraction for 3D reconstruction. Computers and Electrical Engineering, 2018, 71, 657-666.	3.0	6
71	Extraction of GGO Candidate Regions on Thoracic CT Images using SuperVoxel-Based Graph Cuts for Healthcare Systems. Mobile Networks and Applications, 2018, 23, 1669-1679.	2.2	4
72	BrainNets: Human Emotion Recognition Using an Internet of Brian Things Platform. , 2018, , .		3

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73	A Mobile Computing Method Using CNN and SR for Signature Authentication with Contour Damage and Light Distortion. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	1
74	Infrared moving point target detection based on an anisotropic spatial-temporal fourth-order diffusion filter. Computers and Electrical Engineering, 2018, 68, 550-556.	3.0	22
75	Current Trends and Prospects of Underwater Image Processing. Studies in Computational Intelligence, 2018, , 223-228.	0.7	1
76	Underwater Image Super-Resolution by Descattering and Fusion. IEEE Access, 2017, 5, 670-679.	2.6	68
77	Wound intensity correction and segmentation with convolutional neural networks. Concurrency Computation Practice and Experience, 2017, 29, e3927.	1.4	185
78	Underwater Optical Image Processing: a Comprehensive Review. Mobile Networks and Applications, 2017, 22, 1204-1211.	2.2	135
79	Depth Map Reconstruction for Underwater Kinect Camera Using Inpainting and Local Image Mode Filtering. IEEE Access, 2017, 5, 7115-7122.	2.6	38
80	Easy-disassembly bonding of PDMS used for leak-tight encapsulation of microfluidic devices. , 2017, , .		3
81	Computer Vision for Ocean Observing. Studies in Computational Intelligence, 2017, , 1-16.	0.7	9
82	Image restoration using anisotropic multivariate shrinkage function in contourlet domain. International Journal of Computational Science and Engineering, 2016, 12, 95.	0.4	7
83	Turbidity Underwater Image Restoration Using Spectral Properties and Light Compensation. IEICE Transactions on Information and Systems, 2016, E99.D, 219-227.	0.4	28
84	Reconstruction of spatial continuous distribution using improved Lohmann-Type CGHs. , 2016, , .		0
85	Underwater image descattering and quality assessment. , 2016, , .		24
86	Underwater Observing System for Taiping Floodgate in Taiping River of Yangzhou. , 2016, , .		1
87	Super Resolving of the Depth Map for 3D Reconstruction of Underwater Terrain Using Kinect. , 2016, , .		4
88	Underwater image enhancement method using weighted guided trigonometric filtering and artificial light correction. Journal of Visual Communication and Image Representation, 2016, 38, 504-516.	1.7	82
89	A Novel High-Turbidity Underwater Image Quality Assessment Method. , 2016, , .		3
90	Anti-lost Luggage Reminder System Using Electrically Conductive Fiber Antenna Tag. , 2016, , .		1

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91	Underwater image de-scattering and classification by deep neural network. Computers and Electrical Engineering, 2016, 54, 68-77.	3.0	141
92	3D underwater scene reconstruction through descattering and colour correction. International Journal of Computational Science and Engineering, 2016, 12, 352.	0.4	10
93	Single image dehazing through improved atmospheric light estimation. Multimedia Tools and Applications, 2016, 75, 17081-17096.	2.6	67
94	A Fast Level Set Model for Intensity Inhomogeneity Correction in eHealth Analysis System. , 2015, , .		0
95	An improved criminisi algorithm-based image repair algorithm. , 2015, , .		2
96	Image restoration method for deep-sea tripod observation systems in the South China Sea. , 2015, , .		0
97	Using near infrared light for deep sea mining observation systems. , 2015, , .		0
98	Medical image segmentation based on maximum entropy multi-threshold segmentation optimized by improved cuckoo search algorithm. , 2015, , .		15
99	Two dimensional colloidal crystals formed by particle self-assembly due to hydrodynamic interaction. Colloid and Polymer Science, 2015, 293, 2575-2583.	1.0	0
100	Contrast enhancement for images in turbid water. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 886.	0.8	181
101	Underwater image enhancement using inherent optical properties. , 2015, , .		3
102	Real-Time Underwater Image Contrast Enhancement Through Guided Filtering. Lecture Notes in Computer Science, 2015, , 137-147.	1.0	2
103	Underwater Image Devignetting and Colour Correction. Lecture Notes in Computer Science, 2015, , 510-521.	1.0	1
104	Single underwater image descattering and color correction. , 2015, , .		16
105	Real-Time Visualization System for Deep-Sea Surveying. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	13
106	Secondary optical design of LED lamps with high CRI and adjustable CCT. , 2014, , .		3
107	An Implementation of Document Image Reconstruction System on a Smart Device Using a 1D Histogram Calibration Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	0
108	Cu nanoparticles of low polydispersity synthesized by a double-template method and their stability. Colloid and Polymer Science, 2014, 292, 715-722.	1.0	18

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109	An Implementation of Document Image Reconstruction System on Smart Device. , 2014, , .		0
110	A Novel Deep-Sea Image Enhancement Method. , 2014, , .		1
111	Secondary optical design of LED lamps with high CRI and adjustable CCT. , 2014, , .		0
112	Distance Measurement with a General 3D Camera by Using a Modified Phase Only Correlation Method. , 2013, , .		3
113	Underwater image enhancement using guided trigonometric bilateral filter and fast automatic color correction. , 2013, , .		66
114	Multiframe Medical Images Enhancement on Dual Tree Complex Wavelet Transform Domain. , 2013, , .		2
115	Proposal of a multi-frame images fusion model on dual tree complex wavelet transform domain. , 2013, , .		0
116	Underwater optical image dehazing using guided trigonometric bilateral filtering. , 2013, , .		3
117	Cross Depth Image Filter-Based Natural Image Matting. , 2013, , .		3
118	Robust color image segmentation method based on weighting Fuzzy C-Means Clustering. , 2012, , .		0
119	Maximum Local Energy Based Multifocus Image Fusion in Mirror Extended Curvelet Transform Domain. , 2012, , .		2
120	Multimodal Medical Image Fusion in Modified Sharp Frequency Localized Contourlet Domain. , 2012, , .		5
121	An Improved Ant Algorithm for Grid Task Scheduling Strategy. Physics Procedia, 2012, 24, 1974-1981.	1.2	9