Chong-Yi Li

List of Publications by Year
in descending order

45 papers	5,662 citations	257450 24 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	1727 citing authors

#	ARTICLE	IF	CITATIONS
1	Learning to remove sandstorm for image enhancement. Visual Computer, 2023, 39, 1829-1852.	3.5	8
2	The Orientation Estimation of Elongated Underground Objects via Multipolarization Aggregation and Selection Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	11
3	Conditional mutual information-based feature selection algorithm for maximal relevance minimal redundancy. Applied Intelligence, 2022, 52, 1436-1447.	5.3	13
4	Nighttime image dehazing using color cast removal and dual path multi-scale fusion strategy. Frontiers of Computer Science, 2022, 16, 1.	2.4	3
5	Estimating Parameters of the Tree Root in Heterogeneous Soil Environments via Mask-Guided Multi-Polarimetric Integration Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	4
6	A Feature Selection Algorithm Based on Equal Interval Division and Conditional Mutual Information. Neural Processing Letters, 2022, 54, 2079-2105.	3.2	3
7	Underwater Image Enhancement by Attenuated Color Channel Correction and Detail Preserved Contrast Enhancement. IEEE Journal of Oceanic Engineering, 2022, 47, 718-735.	3.8	73
8	Underwater Image Enhancement Quality Evaluation: Benchmark Dataset and Objective Metric. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5959-5974.	8.3	72
9	Underwater Image Enhancement via Minimal Color Loss and Locally Adaptive Contrast Enhancement. IEEE Transactions on Image Processing, 2022, 31, 3997-4010.	9.8	179
10	Under-Display Camera Image Enhancement via Cascaded Curve Estimation. IEEE Transactions on Image Processing, 2022, 31, 4856-4868.	9.8	6
11	ASIF-Net: Attention Steered Interweave Fusion Network for RGB-D Salient Object Detection. IEEE Transactions on Cybernetics, 2021, 51, 88-100.	9.5	165
12	A feature selection algorithm based on redundancy analysis and interaction weight. Applied Intelligence, 2021, 51, 2672-2686.	5.3	12
13	Fast color balance and multi-path fusion for sandstorm image enhancement. Signal, Image and Video Processing, 2021, 15, 637-644.	2.7	17
14	Blind face images deblurring with enhancement. Multimedia Tools and Applications, 2021, 80, 2975-2995.	3.9	4
15	Underwater Image Enhancement via Medium Transmission-Guided Multi-Color Space Embedding. IEEE Transactions on Image Processing, 2021, 30, 4985-5000.	9.8	295
16	Learning to Enhance Low-Light Image via Zero-Reference Deep Curve Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	128
17	Stereo superpixel: An iterative framework based on parallax consistency and collaborative optimization. Information Sciences, 2021, 556, 209-222.	6.9	6
18	Bayesian retinex underwater image enhancement. Engineering Applications of Artificial Intelligence, 2021, 101, 104171.	8.1	144

#	Article	IF	Citations
19	Underwater image restoration via feature priors to estimate background light and optimized transmission map. Optics Express, 2021, 29, 28228.	3.4	25
20	Dense Attention Fluid Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Image Processing, 2021, 30, 1305-1317.	9.8	157
21	Underwater scene prior inspired deep underwater image and video enhancement. Pattern Recognition, 2020, 98, 107038.	8.1	465
22	PDR-Net: Perception-Inspired Single Image Dehazing Network With Refinement. IEEE Transactions on Multimedia, 2020, 22, 704-716.	7.2	92
23	A Feature Selection Algorithm Based on Equal Interval Division and Minimal-Redundancyâ€"Maximal-Relevance. Neural Processing Letters, 2020, 51, 1237-1263.	3.2	16
24	An Underwater Image Enhancement Benchmark Dataset and Beyond. IEEE Transactions on Image Processing, 2020, 29, 4376-4389.	9.8	805
25	A parallel down-up fusion network for salient object detection in optical remote sensing images. Neurocomputing, 2020, 415, 411-420.	5.9	66
26	Diving deeper into underwater image enhancement: A survey. Signal Processing: Image Communication, 2020, 89, 115978.	3.2	125
27	Zero-Reference Deep Curve Estimation for Low-Light Image Enhancement. , 2020, , .		751
28	RGB-D Salient Object Detection withÂCross-Modality Modulation andÂSelection. Lecture Notes in Computer Science, 2020, , 225-241.	1.3	80
29	Nui-Go: Recursive Non-Local Encoder-Decoder Network for Retinal Image Non-Uniform Illumination Removal. , 2020, , .		8
30	An In-Depth Survey of Underwater Image Enhancement and Restoration. IEEE Access, 2019, 7, 123638-123657.	4.2	95
31	Nested Network With Two-Stream Pyramid for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9156-9166.	6.3	175
32	A visual hierarchical framework based model for underwater image enhancement. Frontiers of Computer Science, 2019, 13, 665-667.	2.4	1
33	Hierarchical Features Driven Residual Learning for Depth Map Super-Resolution. IEEE Transactions on Image Processing, 2019, 28, 2545-2557.	9.8	124
34	Emerging From Water: Underwater Image Color Correction Based on Weakly Supervised Color Transfer. IEEE Signal Processing Letters, 2018, 25, 323-327.	3.6	339
35	LightenNet: A Convolutional Neural Network for weakly illuminated image enhancement. Pattern Recognition Letters, 2018, 104, 15-22.	4.2	279
36	A Cascaded Convolutional Neural Network for Single Image Dehazing. IEEE Access, 2018, 6, 24877-24887.	4.2	80

#	Article	IF	Citations
37	Image compressed sensing based on non-convex low-rank approximation. Multimedia Tools and Applications, 2018, 77, 12853-12869.	3.9	6
38	Hierarchical feature concatenation-based kernel sparse representations for image categorization. Visual Computer, 2017, 33, 647-663.	3.5	5
39	A hybrid method for underwater image correction. Pattern Recognition Letters, 2017, 94, 62-67.	4.2	137
40	Underwater image restoration based on minimum information loss principle and optical properties of underwater imaging. , 2016, , .		40
41	Underwater Image Enhancement by Dehazing With Minimum Information Loss and Histogram Distribution Prior. IEEE Transactions on Image Processing, 2016, 25, 5664-5677.	9.8	477
42	Manmade target extraction based on multistage decision and its application for change detection in polarimetric synthetic aperture radar image. Journal of Electronic Imaging, 2016, 25, 053017.	0.9	1
43	Single underwater image restoration by blue-green channels dehazing and red channel correction. , 2016, , .		86
44	Single underwater image enhancement based on color cast removal and visibility restoration. Journal of Electronic Imaging, 2016, 25, 033012.	0.9	22
45	Underwater image enhancement by dehazing and color correction. Journal of Electronic Imaging, 2015, 24, 033023.	0.9	62