

Jing-chun Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

606
citations

471509

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all docs

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docs citations

21
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Underwater image restoration via backscatter pixel prior and color compensation. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 111, 104785.	8.1	72
2	Single Image Defogging Based on Multi-Channel Convolutional MSRCR. <i>IEEE Access</i> , 2019, 7, 72492-72504.	4.2	71
3	Classical and state-of-the-art approaches for underwater image defogging: a comprehensive survey. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020, 21, 1745-1769.	2.6	46
4	Retinex-Based Laplacian Pyramid Method for Image Defogging. <i>IEEE Access</i> , 2019, 7, 122459-122472.	4.2	40
5	Auto Color Correction of Underwater Images Utilizing Depth Information. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	36
6	Underwater image restoration based on secondary guided transmission map. <i>Multimedia Tools and Applications</i> , 2021, 80, 7771-7788.	3.9	33
7	Underwater image enhancement method via multi-feature prior fusion. <i>Applied Intelligence</i> , 2022, 52, 16435-16457.	5.3	33
8	Underwater image enhancement method with light scattering characteristics. <i>Computers and Electrical Engineering</i> , 2022, 100, 107898.	4.8	32
9	Underwater image restoration by red channel compensation and underwater median dark channel prior. <i>Applied Optics</i> , 2022, 61, 2915.	1.8	30
10	Underwater image restoration via depth map and illumination estimation based on a single image. <i>Optics Express</i> , 2021, 29, 29864.	3.4	28
11	Multi-scale retinex-based adaptive gray-scale transformation method for underwater image enhancement. <i>Multimedia Tools and Applications</i> , 2022, 81, 1811-1831.	3.9	28
12	Underwater vision enhancement technologies: a comprehensive review, challenges, and recent trends. <i>Applied Intelligence</i> , 2023, 53, 3594-3621.	5.3	28
13	Fusion PSPnet Image Segmentation Based Method for Multi-Focus Image Fusion. <i>IEEE Photonics Journal</i> , 2019, 11, 1-12.	2.0	26
14	Underwater image restoration via feature priors to estimate background light and optimized transmission map. <i>Optics Express</i> , 2021, 29, 28228.	3.4	25
15	Underwater Image Restoration via Information Distribution and Light Scattering Prior. <i>Computers and Electrical Engineering</i> , 2022, 100, 107908.	4.8	21
16	A multifeature fusion method for the color distortion and low contrast of underwater images. <i>Multimedia Tools and Applications</i> , 2021, 80, 17515-17541.	3.9	19
17	Autonomous underwater robot for underwater image enhancement via multi-scale deformable convolution network with attention mechanism. <i>Computers and Electronics in Agriculture</i> , 2021, 191, 106497.	7.7	19
18	Underwater image enhancement method based on color correction and three-interval histogram stretching. <i>Measurement Science and Technology</i> , 2021, 32, 115405.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Underwater image enhancement via two-level wavelet decomposition maximum brightness color restoration and edge refinement histogram stretching. <i>Optics Express</i> , 2022, 30, 17290.	3.4	7
20	Multiscale Fusion Method for the Enhancement of Low-Light Underwater Images. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-15.	1.1	3
21	Adaptive histogram fusion-based colour restoration and enhancement for underwater images. <i>International Journal of Security and Networks</i> , 2021, 16, 49.	0.2	1