

Fei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

480
citations

933447

10
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational polarization 3D: New solution for monocular shape recovery in natural conditions. Optics and Lasers in Engineering, 2022, 151, 106925.	3.8	11
2	Phase Diversity-Based Fourier Ptychography for Varying Aberration Correction. Frontiers in Physics, 2022, 10, .	2.1	5
3	Computational optical system design: a global optimization method in a simplified imaging system. Applied Optics, 2022, 61, 5916.	1.8	2
4	Impact of color on polarization-based 3D imaging and countermeasures. Applied Optics, 2022, 61, 6228.	1.8	3
5	Advanced Visualization Polarimetric Imaging: Removal of Water Spray Effect Utilizing Circular Polarization. Applied Sciences (Switzerland), 2021, 11, 2996.	2.5	4
6	Near-infrared monocular 3D computational polarization imaging of surfaces exhibiting nonuniform reflectance. Optics Express, 2021, 29, 15616.	3.4	21
7	Enhancement of underwater vision by fully exploiting the polarization information from the Stokes vector. Optics Express, 2021, 29, 22275.	3.4	29
8	Single-shot imaging through scattering media under strong ambient light interference. Optics Letters, 2021, 46, 4538.	3.3	14
9	Broadband scattering imaging technology based on common-mode rejection of polarization characteristic. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 224203.	0.5	1
10	A Method of Image Enhancement in Shallow Water with Underwater System. , 2021, , .		1
11	Adaptive Weighted Attention Network with Camera Spectral Sensitivity Prior for Spectral Reconstruction from RGB Images. , 2020, , .		63
12	Optical correlation assists to enhance underwater polarization imaging performance. Optics and Lasers in Engineering, 2020, 134, 106256.	3.8	41
13	Polarization-based exploration for clear underwater vision in natural illumination. Optics Express, 2019, 27, 3629.	3.4	59
14	Research on polarization dehazing through the coaxial and multi-aperture polarimetric camera. OSA Continuum, 2019, 2, 2369.	1.8	6
15	Underwater Small and Dim target detection method. , 2019, , .		0
16	Underwater polarization imaging based on image correlation. , 2019, , .		0
17	Real-time active underwater polarization descattering. , 2019, , .		2
18	Super resolution reconstruction of infrared images based on classified dictionary learning. Infrared Physics and Technology, 2018, 90, 146-155.	2.9	20

#	ARTICLE	IF	CITATIONS
19	Deeply seeing through highly turbid water by active polarization imaging. Optics Letters, 2018, 43, 4903.	3.3	90
20	Active underwater descattering and image recovery. Applied Optics, 2017, 56, 6631.	1.8	38
21	Dehazing method through polarimetric imaging and multi-scale analysis. , 2015, , .		6
22	Polarimetric dehazing utilizing spatial frequency segregation of images. Applied Optics, 2015, 54, 8116.	2.1	64