

# Fei Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3727888/publications.pdf>

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	Deeply seeing through highly turbid water by active polarization imaging. Optics Letters, 2018, 43, 4903.	3.3	90
2	Polarimetric dehazing utilizing spatial frequency segregation of images. Applied Optics, 2015, 54, 8116.	2.1	64
3	Adaptive Weighted Attention Network with Camera Spectral Sensitivity Prior for Spectral Reconstruction from RGB Images. , 2020, , .		63
4	Polarization-based exploration for clear underwater vision in natural illumination. Optics Express, 2019, 27, 3629.	3.4	59
5	Optical correlation assists to enhance underwater polarization imaging performance. Optics and Lasers in Engineering, 2020, 134, 106256.	3.8	41
6	Active underwater descattering and image recovery. Applied Optics, 2017, 56, 6631.	1.8	38
7	Enhancement of underwater vision by fully exploiting the polarization information from the Stokes vector. Optics Express, 2021, 29, 22275.	3.4	29
8	Near-infrared monocular 3D computational polarization imaging of surfaces exhibiting nonuniform reflectance. Optics Express, 2021, 29, 15616.	3.4	21
9	Super resolution reconstruction of infrared images based on classified dictionary learning. Infrared Physics and Technology, 2018, 90, 146-155.	2.9	20
10	Single-shot imaging through scattering media under strong ambient light interference. Optics Letters, 2021, 46, 4538.	3.3	14
11	Computational polarization 3D: New solution for monocular shape recovery in natural conditions. Optics and Lasers in Engineering, 2022, 151, 106925.	3.8	11
12	Dehazing method through polarimetric imaging and multi-scale analysis. , 2015, , .		6
13	Research on polarization dehazing through the coaxial and multi-aperture polarimetric camera. OSA Continuum, 2019, 2, 2369.	1.8	6
14	Phase Diversity-Based Fourier Ptychography for Varying Aberration Correction. Frontiers in Physics, 2022, 10, .	2.1	5
15	Advanced Visualization Polarimetric Imaging: Removal of Water Spray Effect Utilizing Circular Polarization. Applied Sciences (Switzerland), 2021, 11, 2996.	2.5	4
16	Impact of color on polarization-based 3D imaging and countermeasures. Applied Optics, 2022, 61, 6228.	1.8	3
17	Real-time active underwater polarization descattering. , 2019, , .		2
18	Computational optical system design: a global optimization method in a simplified imaging system. Applied Optics, 2022, 61, 5916.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Broadband scattering imaging technology based on common-mode rejection of polarization characteristic. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 224203.	0.5	1
20	A Method of Image Enhancement in Shallow Water with Underwater System. , 2021, , .		1
21	Underwater Small and Dim target detection method. , 2019, , .		0
22	Underwater polarization imaging based on image correlation. , 2019, , .		0