Yanmin Zhu

List of Publications by Year
in descending order

12 papers	192 citations	1478505 6 h-index	1872680 6 g-index
12 all docs	12 docs citations	12 times ranked	91 citing authors

#	Article	IF	Citations
1	Holographic 3D particle reconstruction using a one-stage network. Applied Optics, 2022, 61, B111.	1.8	12
2	Microplastic pollution assessment with digital holography and zero-shot learning. APL Photonics, 2022, 7, .	5.7	11
3	Microplastic pollution monitoring with holographic classification and deep learning. JPhys Photonics, 2021, 3, 024013.	4.6	29
4	Digital holographic imaging and classification of microplastics using deep transfer learning. Applied Optics, 2021, 60, A38.	1.8	38
5	Digital holographic microplastics detection and characterization in heterogeneous samples via deep learning. , 2021, , .		3
6	Underwater holographic descattering with synthetic polarization. , 2021, , .		0
7	Digital holography with polarization multiplexing for underwater imaging and descattering. , 2021, , .		1
8	Deep learning for digital holography: a review. Optics Express, 2021, 29, 40572.	3.4	63
9	Full scene underwater imaging with polarization and an untrained network. Optics Express, 2021, 29, 41865.	3.4	17
10	Digital holography with deep learning and generative adversarial networks for automatic microplastics classification. , 2020, , .		4
11	Automatic Detection of Microplastics by Deep Learning Enabled Digital Holography. , 2020, , .		9
12	Holographic Classifier: Deep Learning in Digital Holography for Automatic Micro-objects Classification. , 2020, , .		5