Yanmin Zhu

List of Publications by Year
in descending order

12 papers	**192** citations	1478505 **6** h-index
12 all docs	**12** docs citations	**12** times ranked

1872680 **6** g-index

91 citing authors

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