

# Masoomeh Dashtdar

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

249  
citations

1163117

8  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-coherence quantitative differential phase-contrast microscopy using Talbot interferometry. <i>Applied Optics</i> , 2022, 61, 398.	1.8	4
2	Lens-free digital holographic microscopy for cell imaging and tracking by Fresnel diffraction from a phase discontinuity. <i>Optics Letters</i> , 2021, 46, 3516.	3.3	7
3	Digital speckle shearography setup to measure the field-induced strain map in piezoelectric materials. <i>Review of Scientific Instruments</i> , 2020, 91, 113901.	1.3	1
4	Common-path lensless digital holographic microscope employing a Fresnel biprism. <i>Optics and Lasers in Engineering</i> , 2020, 128, 106014.	3.8	21
5	Single-shot measurements by Fresnel diffraction of divergent waves from a phase plate. <i>Applied Optics</i> , 2020, 59, 1968.	1.8	6
6	Measurement of the full complex degree of coherence using Fresnel diffraction from a phase discontinuity. <i>Optics Letters</i> , 2020, 45, 3737.	3.3	9
7	Common-path spatial phase-shift speckle shearography using a glass plate. <i>Review of Scientific Instruments</i> , 2019, 90, 105105.	1.3	7
8	Solar photodegradation of carbamazepine from aqueous solutions using a compound parabolic concentrator equipped with a sun tracking system. <i>Open Chemistry</i> , 2019, 17, 477-484.	1.9	10
9	Common-path, single-shot phase-shifting digital holographic microscopy using a Ronchi ruling. <i>Applied Physics Letters</i> , 2019, 114, 183701.	3.3	18
10	Quantitative phase imaging based on Fresnel diffraction from a phase plate. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	22
11	Dual-sensitive spatial phase-shifting shearography based on a common-path configuration. <i>Optical Engineering</i> , 2019, 58, 1.	1.0	7
12	Stable and simple quantitative phase-contrast imaging by Fresnel biprism. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	64
13	Simple digital technique for high-accuracy measurement of focal length based on Fresnel diffraction from a phase wedge. <i>Measurement Science and Technology</i> , 2018, 29, 125203.	2.6	5
14	Focal length measurement based on Fresnel diffraction from a phase plate. <i>Applied Optics</i> , 2016, 55, 7434.	2.1	20
15	Accelerating the solar disinfection process of water using modified compound parabolic concentrators (CPC) mirror. <i>Desalination and Water Treatment</i> , 2016, 57, 23719-23727.	1.0	5
16	Measurement of roughness based on the Talbot effect in reflection from rough surfaces. <i>Applied Optics</i> , 2015, 54, 5210.	2.1	8
17	Nonlinear refractive index measurement by Fresnel diffraction from phase object. <i>Optics and Laser Technology</i> , 2015, 66, 151-155.	4.6	27
18	Determination of the rough interface parameters using the self-imaging effect. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2013, 30, 2416.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Spectral Modification by Diffraction and Scattering. <i>Advances in Optical Technologies</i> , 2010, 2010, 1-7.	0.8	2