Masoomeh Dashtdar

List of Publications by Year
in descending order

19	249	1163117 8	940533 16
papers	citations	h-index	g-index

19	19	19	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stable and simple quantitative phase-contrast imaging by Fresnel biprism. Applied Physics Letters, 2018, 112, .	3.3	64
2	Nonlinear refractive index measurement by Fresnel diffraction from phase object. Optics and Laser Technology, 2015, 66, 151-155.	4.6	27
3	Quantitative phase imaging based on Fresnel diffraction from a phase plate. Applied Physics Letters, 2019, 115, .	3.3	22
4	Common-path lensless digital holographic microscope employing a Fresnel biprism. Optics and Lasers in Engineering, 2020, 128, 106014.	3.8	21
5	Focal length measurement based on Fresnel diffraction from a phase plate. Applied Optics, 2016, 55, 7434.	2.1	20
6	Common-path, single-shot phase-shifting digital holographic microscopy using a Ronchi ruling. Applied Physics Letters, 2019, 114, 183701.	3.3	18
7	Solar photodegradation of carbamazepine from aqueous solutions using a compound parabolic concentrator equipped with a sun tracking system. Open Chemistry, 2019, 17, 477-484.	1.9	10
8	Measurement of the full complex degree of coherence using Fresnel diffraction from a phase discontinuity. Optics Letters, 2020, 45, 3737.	3.3	9
9	Measurement of roughness based on the Talbot effect in reflection from rough surfaces. Applied Optics, 2015, 54, 5210.	2.1	8
10	Common-path spatial phase-shift speckle shearography using a glass plate. Review of Scientific Instruments, 2019, 90, 105105.	1.3	7
11	Lens-free digital holographic microscopy for cell imaging and tracking by Fresnel diffraction from a phase discontinuity. Optics Letters, 2021, 46, 3516.	3.3	7
12	Dual-sensitive spatial phase-shifting shearography based on a common-path configuration. Optical Engineering, 2019, 58, 1.	1.0	7
13	Determination of the rough interface parameters using the self-imaging effect. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 2416.	1.5	6
14	Single-shot measurements by Fresnel diffraction of divergent waves from a phase plate. Applied Optics, 2020, 59, 1968.	1.8	6
15	Accelerating the solar disinfection process of water using modified compound parabolic concentrators (CPC_s) mirror. Desalination and Water Treatment, 2016, 57, 23719-23727.	1.0	5
16	Simple digital technique for high-accuracy measurement of focal length based on Fresnel diffraction from a phase wedge. Measurement Science and Technology, 2018, 29, 125203.	2.6	5
17	Low-coherence quantitative differential phase-contrast microscopy using Talbot interferometry. Applied Optics, 2022, 61, 398.	1.8	4
18	Spectral Modification by Diffraction and Scattering. Advances in Optical Technologies, 2010, 2010, 1-7.	0.8	2

#	Article	IF	Citations
19	Digital speckle shearography setup to measure the field-induced strain map in piezoelectric materials. Review of Scientific Instruments, 2020, 91, 113901.	1.3	1