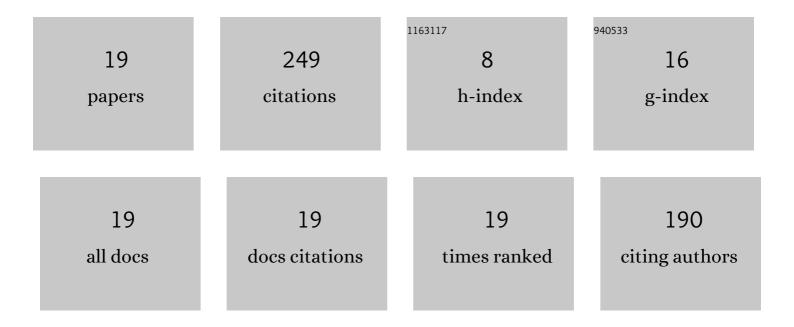
Masoomeh Dashtdar

List of Publications by Year in descending order

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| # | 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 |