# Alireza Mowla

List of Publications by Year
in descending order



| 15 | 219 | 1163117 8 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 182 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Strain and elasticity imaging in compression optical coherence elastography: The twoâ€decade perspective and recent advances. Journal of Biophotonics, 2021, 14, e202000257. | 2.3 | 77 |
| 2 | Effect of the optical system on the Doppler spectrum in laser-feedback interferometry. Applied Optics, 2015, 54, 18. | 1.8 | 30 |
| 3 | Three-dimensional imaging of cell and extracellular matrix elasticity using quantitative micro-elastography. Biomedical Optics Express, 2020, 11, 867. | 2.9 | 30 |
| 4 | Confocal laser feedback tomography for skin cancer detection. Biomedical Optics Express, 2017, 8, 4037. | 2.9 | 19 |
| 5 | Analysis of sensitivity in quantitative micro-elastography. Biomedical Optics Express, 2021, 12, 1725. | 2.9 | 16 |
| 6 | Concurrent Reflectance Confocal Microscopy and Laser Doppler Flowmetry to Improve Skin Cancer Imaging: A Monte Carlo Model and Experimental Validation. Sensors, 2016, 16, 1411. | 3.8 | 10 |
| 7 | A Compact Laser Imaging System for Concurrent Reflectance Confocal Microscopy and Laser Doppler Flowmetry. IEEE Photonics Journal, 2016, 8, 1-9. | 2.0 | 8 |
| 8 | Confocal laser feedback microscopy for inâ€depth imaging applications. Electronics Letters, 2018, 54, 196-198. | 1.0 | 8 |
| 9 | Dual-Modality Confocal Laser Feedback Tomography for Highly Scattering Medium. IEEE Sensors Journal, 2019, 19, 6134-6140. | 4.7 | 8 |
| 10 | Polarization-sensitive laser feedback interferometry for specular reflection removal. Applied Optics, 2018, 57, 4067. | 1.8 | 5 |
| 11 | Subcellular mechano-microscopy: high resolution three-dimensional elasticity mapping using optical coherence microscopy. Optics Letters, 2022, 47, 3303. | 3.3 | 5 |
| 12 | Compression Optical Coherence Elastography. , 2021, , 7-1-7-34. | | 2 |
| 13 | Diffuse reflectance imaging for non-melanoma skin cancer detection using laser feedback interferometry. , 2016, , . | | 1 |
| 14 | Effect of the optical numerical aperture on the Doppler spectrum in laser Doppler velocimetry. , 2014, , . | | 0 |
| 15 | Monte Carlo model of laser Doppler perfusion imaging in skin cancer detection. , 2015, , . | | 0 |