Bo Dong

List of Publications by Year
in descending order

22 papers	197 citations	933447 10 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	113 citing authors

#	Article	IF	Citations
1	Tensile testing of carbon fiber multifilament using an advanced video extensometer assisted by dual-reflector imaging. Measurement: Journal of the International Measurement Confederation, 2019, 138, 325-331.	5.0	20
2	Ultrasensitive video extensometer using single-camera dual field-of-view telecentric imaging system. Optics Letters, 2019, 44, 4499.	3.3	20
3	A Simple and Practical Single-Camera Stereo-Digital Image Correlation Using a Color Camera and X-Cube Prism. Sensors, 2019, 19, 4726.	3.8	17
4	Measurement of depth-resolved thermal deformation distribution using phase-contrast spectral optical coherence tomography. Optics Express, 2015, 23, 28067.	3.4	15
5	Fluorescent digital image correlation applied for macroscale deformation measurement. Applied Physics Letters, 2020, 117, .	3.3	14
6	Generic saturation-induced phase error correction for structured light 3D shape measurement. Optics Letters, 2022, 47, 3387.	3.3	14
7	Microdefect identification in polymers by mapping depth-resolved phase-difference distributions using optical coherence tomography. Polymer Testing, 2018, 68, 233-237.	4.8	13
8	Visualizing curing process inside polymers. Applied Physics Letters, 2020, 116, .	3.3	11
9	Highly sensitive, wide dynamic range displacement sensor combining chromatic confocal system and phase-sensitive spectral optical coherence tomography. Optics Express, 2017, 25, 5426.	3.4	10
10	A flexible and easy-to-implement single-camera microscopic 3D digital image correlation technique. Measurement Science and Technology, 2019, 30, 085002.	2.6	10
11	Simultaneous measurement of temperature-dependent refractive index and depth-resolved thermal deformation fields inside polymers. Polymer Testing, 2018, 65, 297-300.	4.8	8
12	Adaptive incremental method for strain estimation in phase-sensitive optical coherence elastography. Optics Express, 2021, 29, 25327.	3.4	8
13	Deep learning-based method for non-uniform motion-induced error reduction in dynamic microscopic 3D shape measurement. Optics Express, 2022, 30, 24245.	3.4	8
14	Phase noise reduction in wavelength scanning interferometry using a phase synthesis approach. Optics Communications, 2020, 475, 126295.	2.1	6
15	Enhancing the dynamic range of phase-sensitive optical coherence elastography by overcoming speckle decorrelation. Optics Letters, 2018, 43, 5805.	3.3	6
16	Deep-learning-based approach for strain estimation in phase-sensitive optical coherence elastography. Optics Letters, 2021, 46, 5914.	3.3	6
17	Optical coherence tomography and its applications in experimental mechanics: A review. Chinese Science Bulletin, 2020, 65, 2094-2105.	0.7	3
18	Super-resolution reconstruction of speckle phase in depth-resolved wavelength scanning interference using the total least-squares analysis. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 869.	1.5	3

#	Article	IF	Citations
19	Enhanced Digital Gradient Sensing Using Backlight Digital Speckle Target. Sensors, 2020, 20, 6557.	3.8	2
20	Phase-sensitive optical coherence tomography for non-contact monitoring photocuring process. Measurement Science and Technology, 2021, 32, 115104.	2.6	2
21	Simultaneously measurement of strain field and Poisson's ratio by using an off-axis phase-sensitive optical coherence elastography. Measurement Science and Technology, 2022, 33, 095406.	2.6	1
22	Through-thickness strain field measurement of polymethyl methacrylate sheet using phase-contrast optical coherence tomography. Polymer Testing, 2022, 110, 107566.	4.8	0