

# Bo Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Through-thickness strain field measurement of polymethyl methacrylate sheet using phase-contrast optical coherence tomography. <i>Polymer Testing</i> , 2022, 110, 107566.	4.8	0
2	Simultaneously measurement of strain field and Poisson's ratio by using an off-axis phase-sensitive optical coherence elastography. <i>Measurement Science and Technology</i> , 2022, 33, 095406.	2.6	1
3	Deep learning-based method for non-uniform motion-induced error reduction in dynamic microscopic 3D shape measurement. <i>Optics Express</i> , 2022, 30, 24245.	3.4	8
4	Generic saturation-induced phase error correction for structured light 3D shape measurement. <i>Optics Letters</i> , 2022, 47, 3387.	3.3	14
5	Adaptive incremental method for strain estimation in phase-sensitive optical coherence elastography. <i>Optics Express</i> , 2021, 29, 25327.	3.4	8
6	Phase-sensitive optical coherence tomography for non-contact monitoring photocuring process. <i>Measurement Science and Technology</i> , 2021, 32, 115104.	2.6	2
7	Deep-learning-based approach for strain estimation in phase-sensitive optical coherence elastography. <i>Optics Letters</i> , 2021, 46, 5914.	3.3	6
8	Phase noise reduction in wavelength scanning interferometry using a phase synthesis approach. <i>Optics Communications</i> , 2020, 475, 126295.	2.1	6
9	Enhanced Digital Gradient Sensing Using Backlight Digital Speckle Target. <i>Sensors</i> , 2020, 20, 6557.	3.8	2
10	Fluorescent digital image correlation applied for macroscale deformation measurement. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	14
11	Visualizing curing process inside polymers. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	11
12	Optical coherence tomography and its applications in experimental mechanics: A review. <i>Chinese Science Bulletin</i> , 2020, 65, 2094-2105.	0.7	3
13	A flexible and easy-to-implement single-camera microscopic 3D digital image correlation technique. <i>Measurement Science and Technology</i> , 2019, 30, 085002.	2.6	10
14	Tensile testing of carbon fiber multifilament using an advanced video extensometer assisted by dual-reflector imaging. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 138, 325-331.	5.0	20
15	A Simple and Practical Single-Camera Stereo-Digital Image Correlation Using a Color Camera and X-Cube Prism. <i>Sensors</i> , 2019, 19, 4726.	3.8	17
16	Ultrasensitive video extensometer using single-camera dual field-of-view telecentric imaging system. <i>Optics Letters</i> , 2019, 44, 4499.	3.3	20
17	Super-resolution reconstruction of speckle phase in depth-resolved wavelength scanning interference using the total least-squares analysis. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 869.	1.5	3
18	Microdefect identification in polymers by mapping depth-resolved phase-difference distributions using optical coherence tomography. <i>Polymer Testing</i> , 2018, 68, 233-237.	4.8	13

#	ARTICLE	IF	CITATIONS
19	Simultaneous measurement of temperature-dependent refractive index and depth-resolved thermal deformation fields inside polymers. <i>Polymer Testing</i> , 2018, 65, 297-300.	4.8	8
20	Enhancing the dynamic range of phase-sensitive optical coherence elastography by overcoming speckle decorrelation. <i>Optics Letters</i> , 2018, 43, 5805.	3.3	6
21	Highly sensitive, wide dynamic range displacement sensor combining chromatic confocal system and phase-sensitive spectral optical coherence tomography. <i>Optics Express</i> , 2017, 25, 5426.	3.4	10
22	Measurement of depth-resolved thermal deformation distribution using phase-contrast spectral optical coherence tomography. <i>Optics Express</i> , 2015, 23, 28067.	3.4	15