

Jubing Chen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

241
citations

1306789

7
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996533

15
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25
all docs

25
docs citations

25
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Outlier removal method for the refinement of optically measured displacement field based on critical factor least squares and subdomain division. Measurement Science and Technology, 2022, 33, 055020.	1.4	4
2	Inverse method for the reconstruction of contact stress in point contact with surface profile measurement. Measurement Science and Technology, 2022, 33, 085006.	1.4	0
3	High-precision and Arbitrary Arranged Projection Moiré System Based on an Iterative Calculation Model and the Self-calibration Method. Experimental Mechanics, 2021, 61, 885-898.	1.1	3
4	Research on thermal properties of flexible electronic devices under solar radiation. AIP Advances, 2021, 11, 095309.	0.6	0
5	Trajectory planning and coordination control of a space robot for detumbling a flexible tumbling target in post-capture phase. Multibody System Dynamics, 2021, 52, 281.	1.7	8
6	Strain concentration characterization for the multi-tooth contact based on multi-resolution digital image correlation and orthogonal analysis. International Journal of Mechanical Sciences, 2020, 167, 105238.	3.6	5
7	Attitude evolution of a dual-liquid-filled spacecraft with internal energy dissipation. Nonlinear Dynamics, 2020, 99, 2251-2263.	2.7	4
8	Design considerations for rotation scanning projection moiré topography. Measurement Science and Technology, 2020, 31, 045018.	1.4	1
9	An Indirect Experimental Measurement Method for Contact Length Identification in Non-conforming Frictionless Contact. Experimental Mechanics, 2020, 60, 801-813.	1.1	2
10	Calibration of an arbitrarily arranged projection moiré system for 3D shape measurement. Optics and Lasers in Engineering, 2018, 104, 135-140.	2.0	7
11	Multiscale segmentation-aided digital image correlation for strain concentration characterization of a turbine blade fir-tree root. Measurement Science and Technology, 2018, 29, 045205.	1.4	4
12	Research on the sensitivity of projection moiré system considering its variety in space. Optics and Lasers in Engineering, 2018, 110, 1-6.	2.0	6
13	Phase-matching method based on optimization function for three-dimensional fringe projection. Optical Engineering, 2018, 57, 1.	0.5	3
14	Vibration error-compensation technique in phase shifting moiré interferometry. Experimental Techniques, 2017, 41, 279-288.	0.9	2
15	Calibration of fringe projection system for surface profile measurement. Optical Engineering, 2017, 56, 034109.	0.5	2
16	Modeling and experimental identification of contact pressure and friction for the analysis of non-conforming elastic contact. International Journal of Mechanical Sciences, 2017, 133, 449-456.	3.6	7
17	Three-dimensional shape reconstruction via an objective function optimization-based point cloud registration method. Optical Engineering, 2017, 56, 1.	0.5	2
18	Three-dimensional shape measurement with an arbitrarily arranged projection moiré system. Optics Letters, 2016, 41, 717.	1.7	17

#	ARTICLE	IF	CITATIONS
19	Measurement of Deformation Close to Contact Interface Using Digital Image Correlation and Image Segmentation. <i>Experimental Mechanics</i> , 2015, 55, 1525-1536.	1.1	29
20	Image pre-filtering for measurement error reduction in digital image correlation. <i>Optics and Lasers in Engineering</i> , 2015, 65, 46-56.	2.0	40
21	Phase error elimination considering gamma nonlinearity, system vibration, and noise for fringe projection profilometry. <i>Optical Engineering</i> , 2014, 53, 094102.	0.5	24
22	Adaptive subset offset for systematic error reduction in incremental digital image correlation. <i>Optics and Lasers in Engineering</i> , 2014, 55, 5-11.	2.0	51
23	Hole-drilling method using grating rosette and Moiré interferometry. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2009, 25, 389-394.	1.5	14
24	Relationship Between the Depth of Drilling and Residual Strain Relief in Fiber Reinforced Composite Materials. <i>Journal of Materials Engineering and Performance</i> , 2007, 16, 46-51.	1.2	6
25	An Inverse Identification Method for the Characterization of Elastic Conforming Contact Behavior During Flat Punch Indentation. <i>Experimental Mechanics</i> , 0, , 1.	1.1	0