

Dan Wu

List of Publications by Year in descending order

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15
papers

697
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal wave imaging with phase sensitive modulated thermography. Journal of Applied Physics, 1992, 71, 3962-3965.	2.5	560
2	Novel 3D SEM Moiré method for micro height measurement. Optics Express, 2013, 21, 15734.	3.4	37
3	Optimization of heat transfer coefficient correlation at supercritical pressure using genetic algorithms. Heat and Mass Transfer, 2009, 45, 757-766.	2.1	33
4	Statistics-based electron Moiré technique: a novel method applied to the characterization of mesoporous structures. Nanoscale, 2014, 6, 13409-13415.	5.6	15
5	Controlling the surface buckling wrinkles by patterning the material system of hard-nano-film/soft-matter-substrate. Science China: Physics, Mechanics and Astronomy, 2014, 57, 637-643.	5.1	13
6	Micro-scale delaminating and buckling of thin film on soft substrate. Journal of Micromechanics and Microengineering, 2013, 23, 035040.	2.6	11
7	Application of the digital phase-shifting method in 3D deformation measurement at micro-scale by SEM. Measurement Science and Technology, 2014, 25, 125002.	2.6	8
8	A new method for the characterization of micro-/nano-periodic structures based on microscopic Moiré fringes. Ultramicroscopy, 2014, 136, 1-6.	1.9	6
9	A novel 3D deformation measurement method under optical microscope for micro-scale bulge-test. Optics and Lasers in Engineering, 2017, 98, 190-197.	3.8	5
10	Study of the location of testing area in residual stress measurement by Moiré interferometry combined with hole-drilling method. Science China: Physics, Mechanics and Astronomy, 2014, 57, 708-715.	5.1	2
11	Methodology for microscale deformation measurement of free-standing thin films. Optical Engineering, 2017, 56, 054105.	1.0	2
12	A novel micro-tensile system for full-field deformation measurement of thin films. Review of Scientific Instruments, 2021, 92, 093901.	1.3	2
13	Detection of defects in metallic materials using an improved post-processing method of pulsed thermography. Optics and Lasers in Engineering, 2022, 151, 106927.	3.8	2
14	The application of moiré inversion technique in the characterization of micro-scale 3D periodic structures. Optics and Lasers in Engineering, 2018, 106, 132-138.	3.8	1
15	OS1-8 Reconstruction of Planar Periodic Structures by Scanning Electron Microscopic Moire Method(Fringe analysis,OS1 Advances in optical methods and techniques,MEASUREMENT METHODS). The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics. 2015. 2015.14. 12.	0.0	0