

Petros I Stavroulakis

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

236
citations

1478280

6
h-index

1474057

9
g-index

14
all docs

14
docs citations

14
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Invited Review Article: Review of post-process optical form metrology for industrial-grade metal additive manufactured parts. Review of Scientific Instruments, 2016, 87, 041101.	0.6	61
2	Suppression of backscattered diffraction from sub-wavelength "moth-eye"™ arrays. Optics Express, 2013, 21, 1.	1.7	48
3	Performance evaluation of a cheap, open source, digital environmental monitor based on the Raspberry Pi. Measurement: Journal of the International Measurement Confederation, 2016, 87, 228-235.	2.5	42
4	Improved deposition of large scale ordered nanosphere monolayers via liquid surface self-assembly. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 165, 186-189.	1.7	40
5	In-process measurement and monitoring of a polymer laser sintering powder bed with fringe projection. Materials and Design, 2018, 157, 227-234.	3.3	21
6	Rapid tracking of extrinsic projector parameters in fringe projection using machine learning. Optics and Lasers in Engineering, 2019, 114, 7-14.	2.0	11
7	Flexible decoupled camera and projector fringe projection system using inertial sensors. Optical Engineering, 2017, 56, 1.	0.5	6
8	Information-Rich Manufacturing Metrology. IFIP Advances in Information and Communication Technology, 2019, , 145-157.	0.5	3
9	Combined use of a priori data for fast system self-calibration of a non-rigid multi-camera fringe projection system. , 2017, , .		2
10	Evaluation and optimization of the Savitzky-Golay smoothing filter for noise reduction in thin film interference signal analysis. , 2013, , .		1
11	Digital Preservation of the Nottingham Ichthyosaur Using Fringe Projection. Lecture Notes in Computer Science, 2018, , 38-44.	1.0	1
12	A moth-eye bio-inspired approach to planar isotropic diffraction. Materials Research Society Symposia Proceedings, 2010, 1272, 1.	0.1	0
13	Evaluation of Thermal Roll Formed Thick Composite Panels Using Surface NDT Methods. SAE International Journal of Materials and Manufacturing, 0, 11, .	0.3	0