

Xinjun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

309
citations

933447

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1058476

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all docs

14
docs citations

14
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Label enhanced and patch based deep learning for phase retrieval from single frame fringe pattern in fringe projection 3D measurement. Optics Express, 2019, 27, 28929.	3.4	57
2	Weak Micro-Scratch Detection Based on Deep Convolutional Neural Network. IEEE Access, 2019, 7, 27547-27554.	4.2	39
3	Detection of Micro-Defects on Metal Screw Surfaces Based on Deep Convolutional Neural Networks. Sensors, 2018, 18, 3709.	3.8	35
4	Phase retrieval from single frame projection fringe pattern with variational image decomposition. Optics and Lasers in Engineering, 2014, 59, 25-33.	3.8	34
5	Structured-Light Based 3D Reconstruction System for Cultural Relic Packaging. Sensors, 2018, 18, 2981.	3.8	30
6	Phase unwrapping method based on multiple fringe patterns without use of equivalent wavelengths. Optics Communications, 2015, 355, 213-224.	2.1	24
7	Shearlet transform for phase extraction in fringe projection profilometry with edges discontinuity. Optics and Lasers in Engineering, 2016, 78, 91-98.	3.8	24
8	A Multi-View Stereo Measurement System Based on a Laser Scanner for Fine Workpieces. Sensors, 2019, 19, 381.	3.8	24
9	Accurate Retrieval of Bimodal Particle Size Distribution in Dynamic Light Scattering. IEEE Photonics Technology Letters, 2016, 28, 311-314.	2.5	14
10	Three-Dimensional Reconstruction of Dilute Bubbly Flow Field With Light-Field Images Based on Deep Learning Method. IEEE Sensors Journal, 2021, 21, 13417-13429.	4.7	11
11	Full-view three-dimensional measurement of complex surfaces. Optical Engineering, 2018, 57, 1.	1.0	10
12	Fault Diagnosis of Reciprocating Compressor Using Component Estimating Empirical Mode Decomposition and De-Dimension Template With Double-Loop Correction Algorithm. IEEE Access, 2019, 7, 90630-90639.	4.2	4
13	A Triangulation-Based Method for Complex Mold Parts Surface Wear Assessment. IEEE Sensors Journal, 2022, 22, 15306-15315.	4.7	2
14	Assessment of Fringe Pattern Decomposition with a Cross-Correlation Index for Phase Retrieval in Fringe Projection 3D Measurements. Sensors, 2018, 18, 3578.	3.8	1