

Kin Sam Yen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

134
citations

1307594

7
h-index

1281871

11
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17
all docs

17
docs citations

17
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane displacement sensing from circular grating moiré fringes using graphical analysis approach. <i>Sensor Review</i> , 2011, 31, 358-367.	1.8	24
2	Comparison of in-plane displacement measurement from circular grating moiré fringes using Fourier transformation and graphical analysis. <i>Optics and Lasers in Engineering</i> , 2012, 50, 687-702.	3.8	14
3	Simultaneous measurement of 3-D displacement components from circular grating moiré fringes: An experimental approach. <i>Optics and Lasers in Engineering</i> , 2012, 50, 887-899.	3.8	13
4	Measurement of flexural modulus of polymeric foam with improved accuracy using moiré method. <i>Polymer Testing</i> , 2010, 29, 358-368.	4.8	12
5	2-D crack growth measurement using circular grating moiré fringes and pattern matching. <i>Structural Control and Health Monitoring</i> , 2011, 18, 404-415.	4.0	12
6	Embedded human detection system based on thermal and infrared sensors for anti-poaching application. , 2016, , .		12
7	Single frame profilometry with rapid phase demodulation on colour-coded fringes. <i>Optics Communications</i> , 2017, 397, 44-50.	2.1	10
8	Novel moiré-based crack monitoring system with smartphone interface and cloud processing. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2420.	4.0	10
9	Single-step scanner-based digital image correlation (SB-DIC) method for large deformation mapping in rubber. <i>Optics and Lasers in Engineering</i> , 2017, 88, 167-177.	3.8	8
10	Impurities detection in edible bird's nest using optical segmentation and image fusion. <i>Machine Vision and Applications</i> , 2020, 31, 1.	2.7	6
11	Crack displacement sensing and measurement in concrete using circular grating moire fringes and pattern matching. , 2008, , .		5
12	Optimization of lighting parameters to improve visibility of impurities in edible bird's nest. <i>Journal of Electronic Imaging</i> , 2019, 28, 1.	0.9	4
13	Development of a hybrid autoencoder model for automated edible bird's nest impurities inspection. <i>Journal of Electronic Imaging</i> , 2022, 31, .	0.9	2
14	Artificial neural network approach for moiré fringe center determination. <i>Journal of Electronic Imaging</i> , 2015, 24, 063021.	0.9	1
15	Two-axes tilt sensing using circular gratings moiré. <i>Optical Engineering</i> , 2019, 58, 1.	1.0	1
16	Moiré Fringe Segmentation Using Fuzzy Inference System. <i>Lecture Notes in Electrical Engineering</i> , 2017, , 247-255.	0.4	0
17	Compensation of gamma effect and color cross talk in color-coded fringe profilometry. <i>Journal of Electronic Imaging</i> , 2020, 29, 1.	0.9	0