

Kin Sam Yen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

134
citations

1307594

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1281871

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17
all docs

17
docs citations

17
times ranked

107
citing authors

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