Yuwei Wang

List of Publications by Year
in descending order

33 papers	588 citations	567281 15 h-index	642732 23 g-index
33 all docs	33 docs citations	33 times ranked	281 citing authors

#	Article	IF	Citations
1	Nonlinear Correction for Fringe Projection Profilometry With Shifted-Phase Histogram Equalization. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	22
2	Intensity-Averaged Double Three-Step Phase-Shifting Algorithm with Color-Encoded Fringe Projection. Photonics, 2022, 9, 173.	2.0	2
3	Motion-induced error reduction for phase-shifting profilometry with phase probability equalization. Optics and Lasers in Engineering, 2022, 156, 107088.	3.8	13
4	Stem and Calyx Identification of 3D Apples Using Multi-Threshold Segmentation and 2D Convex Hull. Photonics, 2022, 9, 346.	2.0	1
5	Camera calibration with global LBP-coded phase-shifting wedge grating arrays. Optics and Lasers in Engineering, 2021, 136, 106314.	3.8	14
6	Two-Digit Phase-Coding Strategy for Fringe Projection Profilometry. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	22
7	Flexible Calibration Method of Electronically Focus-Tunable Lenses. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	4
8	Optimized phase-coding method for absolute phase retrieval based on K-means algorithm. Journal of Modern Optics, 2021, 68, 303-310.	1.3	4
9	Period-Wise Phase Unwrapping Method With Two Gray Level Coding Patterns. IEEE Photonics Journal, 2021, 13, 1-13.	2.0	3
10	Improved spatial-shifting two-wavelength algorithm for 3D shape measurement with a look-up table. Applied Optics, 2021, 60, 4878.	1.8	4
11	Three-dimensional shape measurement based on spatial-temporal binary-coding method. Measurement Science and Technology, 2021, 32, 095014.	2.6	10
12	Calibration of stereo cameras with a marked-crossed fringe pattern. Optics and Lasers in Engineering, 2021, 147, 106733.	3.8	11
13	High-speed camouflage detection with checkerboard projection. , 2021, , .		0
14	Dynamic three-dimensional shape measurement with a complementary phase-coding method. Optics and Lasers in Engineering, 2020, 127, 105982.	3.8	38
15	Fourier-transform-based two-stage camera calibration method with simple periodical pattern. Optics and Lasers in Engineering, 2020, 133, 106121.	3.8	12
16	Absolute phase measurement with four patterns based on variant shifting phases. Review of Scientific Instruments, 2020, 91, 065115.	1.3	8
17	An improved gray-level coding method for absolute phase measurement based on half-period correction. Optics and Lasers in Engineering, 2020, 128, 106012.	3.8	10
18	Two-wavelength phase-shifting method with four patterns for three-dimensional shape measurement. Optical Engineering, 2020, 59, 1.	1.0	8

#	Article	IF	Citations
19	Spatial binary coding method for stripe-wise phase unwrapping. Applied Optics, 2020, 59, 4279.	1.8	16
20	Hilbert transform-based crosstalk compensation for color fringe projection profilometry. Optics Letters, 2020, 45, 2199.	3.3	16
21	Fully convolutional network for rice seedling and weed image segmentation at the seedling stage in paddy fields. PLoS ONE, 2019, 14, e0215676.	2.5	94
22	An effective method for camera calibration in defocus scene with circular gratings. Optics and Lasers in Engineering, 2019, 114, 44-49.	3.8	40
23	Enhanced phase-coding method for three-dimensional shape measurement with half-period codeword. Applied Optics, 2019, 58, 7359.	1.8	29
24	Stereo calibration with absolute phase target. Optics Express, 2019, 27, 22254.	3.4	20
25	Defocused camera calibration with a conventional periodic target based on Fourier transform. Optics Letters, 2019, 44, 3254.	3.3	22
26	Camera Calibration with Phase-Shifting Wedge Grating Array. Applied Sciences (Switzerland), 2018, 8, 644.	2.5	5
27	Optical system design of artificial compound eye based on field stitching. Microwave and Optical Technology Letters, 2017, 59, 1277-1279.	1.4	7
28	Out-of-focus color camera calibration with one normal-sized color-coded pattern. Optics and Lasers in Engineering, 2017, 98, 17-22.	3.8	28
29	Adaptive piezoelectric vibration control using PWM based switching power amplifier. , 2017, , .		1
30	Camera Calibration Robust to Defocus Using Phase-Shifting Patterns. Sensors, 2017, 17, 2361.	3.8	18
31	Modified Gray-Level Coding Method for Absolute Phase Retrieval. Sensors, 2017, 17, 2383.	3.8	16
32	Accurate feature detection for out-of-focus camera calibration. Applied Optics, 2016, 55, 7964.	2.1	34
33	Quantized phase coding and connected region labeling for absolute phase retrieval. Optics Express, 2016, 24, 28613.	3.4	56