

Heng Wu

List of Publications by Year in descending order

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papers

589
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36
all docs

36
docs citations

36
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared and visible image fusion based on iterative differential thermal information filter. Optics and Lasers in Engineering, 2022, 148, 106776.	3.8	17
2	Infrared and visible fusion imaging via double-layer fusion denoising neural network. , 2022, 123, 103433.		11
3	Otsu-Kmeans gravity-based multi-spots center extraction method for microlens array imaging system. Optics and Lasers in Engineering, 2022, 152, 106968.	3.8	12
4	Shoulder Damage Model and Its Application for Single Point Diamond Machining of ZnSe Crystal. Materials, 2022, 15, 233.	2.9	3
5	Theoretical model and digital extraction of subsurface damage in ground fused silica. Optics Express, 2022, 30, 17999.	3.4	3
6	Computational ghost imaging with 4-step iterative rank minimization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 394, 127199.	2.1	4
7	Models of grinding-induced surface and subsurface damages in fused silica considering strain rate and micro shape/geometry of abrasive. Ceramics International, 2021, 47, 24924-24941.	4.8	31
8	Hybrid neural network-based adaptive computational ghost imaging. Optics and Lasers in Engineering, 2021, 140, 106529.	3.8	17
9	Underwater compressive computational ghost imaging with wavelet enhancement. Applied Optics, 2021, 60, 6950.	1.8	14
10	Infrared thermal imaging denoising method based on second-order channel attention mechanism. Infrared Physics and Technology, 2021, 116, 103789.	2.9	12
11	Super-resolution infrared imaging via multi-receptive field information distillation network. Optics and Lasers in Engineering, 2021, 145, 106681.	3.8	9
12	High-accuracy spectral interferometer with multi-Fabry-Pérot Etalon for thickness measurement of the silicon wafer. Optics Communications, 2021, 501, 127346.	2.1	2
13	Influence of intensity fluctuations on Hadamard-based computational ghost imaging. Optics Communications, 2020, 454, 124490.	2.1	22
14	Compact snapshot dual-mode interferometric system for on-machine measurement. Optics and Lasers in Engineering, 2020, 132, 106129.	3.8	12
15	Deep-learning denoising computational ghost imaging. Optics and Lasers in Engineering, 2020, 134, 106183.	3.8	53
16	Online adaptive computational ghost imaging. Optics and Lasers in Engineering, 2020, 128, 106028.	3.8	12
17	Computational ghost imaging system with 4-connected-region-optimized Hadamard pattern sequence. Optics and Lasers in Engineering, 2020, 132, 106105.	3.8	17
18	Sub-Nyquist computational ghost imaging with deep learning. Optics Express, 2020, 28, 3846.	3.4	50

#	ARTICLE	IF	CITATIONS
19	Absolute distance measurement based on spectral interferometer using the effect of the FSR of a Fabry-Pérot etalon. Optics and Lasers in Engineering, 2019, 123, 20-27.	3.8	19
20	Diffraction-field-adaptive computational imaging for static and moving targets. Journal of Optics (United Kingdom), 2019, 21, 085609.	2.2	1
21	Computational ghost imaging with uncertain imaging distance. Optics Communications, 2019, 445, 106-110.	2.1	11
22	Spectroscopic interferometer with a large length range by rotating diffraction grating. Optics Express, 2019, 27, 10553.	3.4	4
23	Evaluation of surface and subsurface damages for diamond turning of ZnSe crystal. Optics Express, 2019, 27, 28364.	3.4	22
24	A water-microorganism detecting device with freeform lens. Optics and Laser Technology, 2018, 108, 90-96.	4.6	2
25	Multifocus image fusion method for image acquisition of 3D objects. Applied Optics, 2018, 57, 4514.	1.8	12
26	Line-based calibration of a micro-vision motion measurement system. Optics and Lasers in Engineering, 2017, 93, 40-46.	3.8	30
27	A high accuracy algorithm of displacement measurement for a micro-positioning stage. AIP Advances, 2017, 7, .	1.3	12
28	Adaptive differential correspondence imaging based on sorting technique. AIP Advances, 2017, 7, 045121.	1.3	5
29	Micro-motion detection of the 3-DOF precision positioning stage based on iterative optimized template matching. Applied Optics, 2017, 56, 9435.	1.8	15
30	A generalized Prandtl-Ishlinskii model for characterizing the rate-independent and rate-dependent hysteresis of piezoelectric actuators. Review of Scientific Instruments, 2016, 87, 035002.	1.3	47
31	High-Quality Computational Ghost Imaging Using an Optimum Distance Search Method. IEEE Photonics Journal, 2016, 8, 1-9.	2.0	3
32	Displacement measurement of the compliant positioning stage based on a computer micro-vision method. AIP Advances, 2016, 6, .	1.3	14
33	High-quality correspondence imaging based on sorting and compressive sensing technique. Laser Physics Letters, 2016, 13, 115205.	1.4	24
34	Tracking control of piezoelectric actuators using a polynomial-based hysteresis model. AIP Advances, 2016, 6, .	1.3	13
35	Displacement measurement system for inverters using computer micro-vision. Optics and Lasers in Engineering, 2016, 81, 113-118.	3.8	22
36	Double freeform surfaces lens design for LED uniform illumination with high distance-height ratio. Optics and Laser Technology, 2015, 73, 166-172.	4.6	32