

Haixia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

339
citations

840776

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940533

16
g-index

22
all docs

22
docs citations

22
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Fringe pattern denoising using coherence-enhancing diffusion. Optics Letters, 2009, 34, 1141.	3.3	76
2	Frequency guided methods for demodulation of a single fringe pattern. Optics Express, 2009, 17, 15118.	3.4	66
3	Comparative analysis on some spatial-domain filters for fringe pattern denoising. Applied Optics, 2011, 50, 1687.	2.1	29
4	Synchronous Fingerprint Acquisition System Based on Total Internal Reflection and Optical Coherence Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8452-8465.	4.7	26
5	Surface and Internal Fingerprint Reconstruction From Optical Coherence Tomography Through Convolutional Neural Network. IEEE Transactions on Information Forensics and Security, 2021, 16, 685-700.	6.9	24
6	Fingerprint Pore Extraction Using U-Net Based Fully Convolutional Network. Lecture Notes in Computer Science, 2017, , 279-287.	1.3	14
7	Quality-guided orientation unwrapping for fringe direction estimation. Applied Optics, 2012, 51, 413.	1.8	13
8	Local orientation coherence based segmentation and boundary-aware diffusion for discontinuous fringe patterns. Optics Express, 2016, 24, 15609.	3.4	13
9	A New Approach to External and Internal Fingerprint Registration With Multisensor Difference Minimization. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 363-376.	4.4	13
10	Acquisition and extraction of surface and internal fingerprints from optical coherence tomography through 3D fully convolutional network. Optik, 2020, 205, 164176.	2.9	13
11	Optical Coherence Tomography in Fingertip Biometrics. Optics and Lasers in Engineering, 2022, 151, 106868.	3.8	12
12	External and internal fingerprint extraction based on optical coherence tomography. , 2018, , .		9
13	Oriented boundary padding for iterative and oriented fringe pattern denoising techniques. Signal Processing, 2014, 102, 112-121.	3.7	7
14	Subcutaneous sweat pore estimation from optical coherence tomography. IET Image Processing, 2021, 15, 3267-3280.	2.5	7
15	Some Recent Developments of Windowed Fourier Transform for Fringe Pattern Analysis. , 2010, , .		6
16	Coherence Enhancing Diffusion and Windowed Fourier Filtering for Fringe Patterns Denoising (II). , 2010, , .		5
17	Pruned Distributed and Parallel Subarray Beamforming for 3-D Underwater Imaging With Fine-Grid Sparse Arrays. IEEE Journal of Oceanic Engineering, 2021, 46, 1356-1371.	3.8	3
18	A STN-Based Self-supervised Network for Dense Fingerprint Registration. Lecture Notes in Computer Science, 2021, , 277-286.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Synthesis of sparse planar arrays in the whole field by compressed sensing. Electronics Letters, 2019, 55, 1211-1212.	1.0	1
20	Coherence Enhancing Diffusion for Discontinuous Fringe Patterns with Oriented Boundary Padding. Lecture Notes in Computer Science, 2015, , 362-369.	1.3	0
21	Discontinuous fringe pattern segmentation based on fully convolutional neural network. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2019, 2019, 1008A1430.	0.0	0
22	Guest-editorial: Progress in photomechanics (II). Optics and Lasers in Engineering, 2022, 152, 106987.	3.8	0