

# Yuan-long Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

555  
citations

933447

10  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Sensitivity Mach-Zehnder Interferometric Temperature Fiber Sensor Based on a Waist-Enlarged Fusion Bitaper. IEEE Sensors Journal, 2011, 11, 2891-2894.	4.7	158
2	Some features of the photonic crystal fiber temperature sensor with liquid ethanol filling. Optics Express, 2010, 18, 15383.	3.4	130
3	Compact and Ultrasensitive Temperature Sensor With a Fully Liquid-Filled Photonic Crystal Fiber Mach-Zehnder Interferometer. IEEE Sensors Journal, 2014, 14, 167-170.	4.7	99
4	Polymer Microbubble-Based Fabry-Perot Fiber Interferometer and Sensing Applications. IEEE Photonics Technology Letters, 2015, 27, 2035-2038.	2.5	34
5	Aesthetic defect characterization of a polymeric polarizer via structured light illumination. Polymer Testing, 2016, 53, 51-57.	4.8	24
6	Sensitivity-enhanced high-temperature sensing using all-solid photonic bandgap fiber modal interference. Applied Optics, 2011, 50, 468.	2.1	21
7	A novel imaging-enhancement-based inspection method for transparent aesthetic defects in a polymeric polarizer. Polymer Testing, 2017, 61, 333-340.	4.8	14
8	Inspection of extremely slight aesthetic defects in a polymeric polarizer using the edge of light between black and white stripes. Polymer Testing, 2018, 65, 169-175.	4.8	12
9	Analysis of frequency mixing error on heterodyne interferometric ellipsometry. Measurement Science and Technology, 2007, 18, 3339-3343.	2.6	11
10	Vision-Based 3D Shape Measurement System for Transparent Microdefect Characterization. IEEE Access, 2019, 7, 105721-105733.	4.2	11
11	Mode-beating-enabled stopband narrowing in all-solid photonic bandgap fiber and sensing applications. Optics Express, 2011, 19, 8167.	3.4	9
12	In-line flat-top comb filter based on a cascaded all-solid photonic bandgap fiber intermodal interferometer. Optics Express, 2013, 21, 17352.	3.4	9
13	Fast Light Field Angular Resolution Enhancement Using Convolutional Neural Network. IEEE Access, 2021, 9, 30216-30224.	4.2	5
14	Saturated Imaging for Inspecting Transparent Aesthetic Defects in a Polymeric Polarizer with Black and White Stripes. Materials, 2018, 11, 736.	2.9	4
15	Improved imaging of extremely-slight transparent aesthetic defects using a saturation level-guided method. Optics Express, 2020, 28, 3699.	3.4	4
16	Polarization mixing error in transmission ellipsometry with two acousto-optical modulators. Optical Engineering, 2008, 47, 075601.	1.0	3
17	A novel microbending optical fiber temperature sensor. , 2009, , .		2
18	Effect of nonpolarizing beam splitter on measurement error in heterodyne interferometric ellipsometers. Measurement Science and Technology, 2012, 23, 085204.	2.6	2

#	ARTICLE	IF	CITATIONS
19	High-precision Measurement Method for Copper Plate Hole Size Based on Partial Area Effect. , 2019, , .		1
20	Fast and Accurate Light Field View Synthesis by Optimizing Input View Selection. Micromachines, 2021, 12, 557.	2.9	1
21	A super-resolution method of retinal image based on laser scanning ophthalmoscope. , 2019, , .		1
22	An inline ultrasensitive temperature sensor based on liquid-filled photonic crystal fiber Mach-Zehnder modal interferometer. Proceedings of SPIE, 2012, , .	0.8	0
23	A simple inspection technique of visual defects of polymer polarizer. , 2013, , .		0
24	Safety monitoring of rail transit by fiber grating sensors. Proceedings of SPIE, 2013, , .	0.8	0
25	Pixel-Classification-Based Reticulocyte Detection in Blood-Smear Microscopy Images. Journal of Medical Devices, Transactions of the ASME, 2019, 13, .	0.7	0
26	3D Measurement using a binocular cameras-projector system with only one shot. , 2019, , .		0
27	Efficient Shape Estimation of Transparent Microdefects with Manifold Learning and Regression on a Set of Saturated Images. Applied Sciences (Switzerland), 2020, 10, 385.	2.5	0
28	A photonic crystal fiber temperature sensor based on forward stimulated fluorescence emission. Proceedings of SPIE, 2011, , .	0.8	0