

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 | Fast Light Field Angular Resolution Enhancement Using Convolutional Neural Network. IEEE Access, 2021, 9, 30216-30224. | 4.2 | 5 |
| 2 | Fast and Accurate Light Field View Synthesis by Optimizing Input View Selection. Micromachines, 2021, 12, 557. | 2.9 | 1 |
| 3 | 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 |
| 4 | Improved imaging of extremely-slight transparent aesthetic defects using a saturation level-guided method. Optics Express, 2020, 28, 3699. | 3.4 | 4 |
| 5 | Pixel-Classification-Based Reticulocyte Detection in Blood-Smear Microscopy Images. Journal of Medical Devices, Transactions of the ASME, 2019, 13, . | 0.7 | 0 |
| 6 | Vison-Based 3D Shape Measurement System for Transparent Microdefect Characterization. IEEE Access, 2019, 7, 105721-105733. | 4.2 | 11 |
| 7 | High-precision Measurement Method for Copper Plate Hole Size Based on Partial Area Effect. , 2019, , . | | 1 |
| 8 | 3D Measurement using a binocular cameras-projector system with only one shot. , 2019, , . | | 0 |
| 9 | A super-resolution method of retinal image based on laser scanning ophthalmoscope. , 2019, , . | | 1 |
| 10 | 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 |
| 11 | Saturated Imaging for Inspecting Transparent Aesthetic Defects in a Polymeric Polarizer with Black and White Stripes. Materials, 2018, 11, 736. | 2.9 | 4 |
| 12 | A novel imaging-enhancement-based inspection method for transparent aesthetic defects in a polymeric polarizer. Polymer Testing, 2017, 61, 333-340. | 4.8 | 14 |
| 13 | Aesthetic defect characterization of a polymeric polarizer via structured light illumination. Polymer Testing, 2016, 53, 51-57. | 4.8 | 24 |
| 14 | Polymer Microbubble-Based Fabryâ€™Perot Fiber Interferometer and Sensing Applications. IEEE Photonics Technology Letters, 2015, 27, 2035-2038. | 2.5 | 34 |
| 15 | Compact and Ultrasensitive Temperature Sensor With a Fully Liquid-Filled Photonic Crystal Fiber Machâ€™Zehnder Interferometer. IEEE Sensors Journal, 2014, 14, 167-170. | 4.7 | 99 |
| 16 | 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 |
| 17 | A simple inspection technique of visual defects of polymer polarizer. , 2013, , . | | 0 |
| 18 | Safety monitoring of rail transit by fiber grating sensors. Proceedings of SPIE, 2013, , . | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An inline ultrasensitive temperature sensor based on liquid-filled photonic crystal fiber Mach-Zehnder modal interferometer. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 20 | Effect of nonpolarizing beam splitter on measurement error in heterodyne interferometric ellipsometers. Measurement Science and Technology, 2012, 23, 085204. | 2.6 | 2 |
| 21 | Sensitivity-enhanced high-temperature sensing using all-solid photonic bandgap fiber modal interference. Applied Optics, 2011, 50, 468. | 2.1 | 21 |
| 22 | Mode-beating-enabled stopband narrowing in all-solid photonic bandgap fiber and sensing applications. Optics Express, 2011, 19, 8167. | 3.4 | 9 |
| 23 | 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 |
| 24 | A photonic crystal fiber temperature sensor based on forward stimulated fluorescence emission. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 25 | Some features of the photonic crystal fiber temperature sensor with liquid ethanol filling. Optics Express, 2010, 18, 15383. | 3.4 | 130 |
| 26 | A novel microbending optical fiber temperature sensor. , 2009, , . | | 2 |
| 27 | Polarization mixing error in transmission ellipsometry with two acousto-optical modulators. Optical Engineering, 2008, 47, 075601. | 1.0 | 3 |
| 28 | Analysis of frequency mixing error on heterodyne interferometric ellipsometry. Measurement Science and Technology, 2007, 18, 3339-3343. | 2.6 | 11 |