

Kun-Huang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

117
citations

1684188

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h-index

1372567

10
g-index

25
all docs

25
docs citations

25
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of optical depth-sensing technology with a mechanical control lens and diffuser. Applied Optics, 2021, 60, B125.	1.8	2
2	Measurement of Focal Length and Radius of Curvature for Spherical Lenses and Mirrors by Using Digital-Grating Moiré Effect. Photonics, 2021, 8, 252.	2.0	3
3	Depth-sensing technology using a negative microlens array. International Journal of Optomechatronics, 2021, 15, 170-181.	6.6	1
4	An interferometric method for simultaneously determination the phase retardation and fast-axis azimuth angle of a wave plate. Journal of Modern Optics, 2020, 67, 992-997.	1.3	5
5	Full-field refractive index measurement using absolute-phase total internal reflection heterodyne interferometry. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	2
6	Alternative method for measuring the phase retardation and fast axis of a wave plate. Optical Review, 2019, 26, 652-658.	2.0	3
7	A fiber Bragg grating based passive semicircular sensor architecture with fault monitoring. Optical Fiber Technology, 2019, 48, 258-262.	2.7	5
8	Design of Six-port Optical Circulator with a Small Aperture of Faraday Rotator. , 2019, , .		0
9	Generating Radially and Azimuthally Polarized Beams by Using a Pair of Lateral Displacement Beamsplitters. Applied Sciences (Switzerland), 2016, 6, 241.	2.5	4
10	Improved Design of UV- and Blue-Light-Inhibited White Light-Emitting Diode. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	1
11	Measurement of full-field temperature distributions by using surface plasmon resonance and common-path phase-shifting interferometry. Measurement: Journal of the International Measurement Confederation, 2014, 48, 162-166.	5.0	2
12	Optimized design of multiport optical circulator. Optik, 2014, 125, 2454-2457.	2.9	2
13	Applying the phase difference property of polarization angle for measuring the concentration of solutions. Optics and Laser Technology, 2012, 44, 251-254.	4.6	12
14	An alternative method for measuring small displacements with differential phase difference of dual-prism and heterodyne interferometry. Measurement: Journal of the International Measurement Confederation, 2012, 45, 1510-1514.	5.0	11
15	Simplified Design of Multiport Optical Circulator With Parallel Connection of Mirror-Image Arranged Spatial- and Polarization-Modules. IEEE Photonics Technology Letters, 2011, 23, 1766-1768.	2.5	2
16	Applying the optical activity of cholesteric liquid crystal for measuring small wavelength differences. Optics Communications, 2011, 284, 1107-1110.	2.1	1
17	Design of Crystal-Type Multiport Optical Quasi-Circulator. IEEE Photonics Technology Letters, 2010, 22, 48-50.	2.5	3
18	Alternative design of crystal type multi-port optical quasi-circulator. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Evaluation of the curvature of an object by Talbot interferometry. <i>Optical Review</i> , 2009, 16, 489-491.	2.0	3
20	Alternative method of wavelength drift free dual-wavelength heterodyne interferometry for the absolute distance measurement. <i>Optical Review</i> , 2009, 16, 492-494.	2.0	1
21	Measuring physical parameters with surface plasmon resonance heterodyne interferometry. <i>Optik</i> , 2009, 120, 29-34.	2.9	5
22	Measurement of the pretilt angle and the cell gap of nematic liquid crystal cells by heterodyne interferometry. <i>Optics Express</i> , 2009, 17, 14143.	3.4	35
23	A new type of liquid refractometer. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 1020-1022.	0.8	1
24	An alternative method for simultaneously measuring cell parameters of a twisted-nematic liquid crystal cell. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 1023-1026.	0.8	1
25	Measurement of small differences in refractive indices of solutions with interferometric optical method. <i>Optics and Lasers in Engineering</i> , 2007, 45, 1071-1076.	3.8	12