

# Kun-Huang Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

117  
citations

1684188

5  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Applying the phase difference property of polarization angle for measuring the concentration of solutions. <i>Optics and Laser Technology</i> , 2012, 44, 251-254.	4.6	12
4	An alternative method for measuring small displacements with differential phase difference of dual-prism and heterodyne interferometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2012, 45, 1510-1514.	5.0	11
5	Measuring physical parameters with surface plasmon resonance heterodyne interferometry. <i>Optik</i> , 2009, 120, 29-34.	2.9	5
6	A fiber Bragg grating based passive semicircular sensor architecture with fault monitoring. <i>Optical Fiber Technology</i> , 2019, 48, 258-262.	2.7	5
7	An interferometric method for simultaneously determination the phase retardation and fast-axis azimuth angle of a wave plate. <i>Journal of Modern Optics</i> , 2020, 67, 992-997.	1.3	5
8	Generating Radially and Azimuthally Polarized Beams by Using a Pair of Lateral Displacement Beamsplitters. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 241.	2.5	4
9	Evaluation of the curvature of an object by Talbot interferometry. <i>Optical Review</i> , 2009, 16, 489-491.	2.0	3
10	Design of Crystal-Type Multiport Optical Quasi-Circulator. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 48-50.	2.5	3
11	Alternative method for measuring the phase retardation and fast axis of a wave plate. <i>Optical Review</i> , 2019, 26, 652-658.	2.0	3
12	Measurement of Focal Length and Radius of Curvature for Spherical Lenses and Mirrors by Using Digital-Grating Moiré Effect. <i>Photonics</i> , 2021, 8, 252.	2.0	3
13	Simplified Design of Multiport Optical Circulator With Parallel Connection of Mirror-Image Arranged Spatial- and Polarization-Modules. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1766-1768.	2.5	2
14	Measurement of full-field temperature distributions by using surface plasmon resonance and common-path phase-shifting interferometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 48, 162-166.	5.0	2
15	Optimized design of multiport optical circulator. <i>Optik</i> , 2014, 125, 2454-2457.	2.9	2
16	Development of optical depth-sensing technology with a mechanical control lens and diffuser. <i>Applied Optics</i> , 2021, 60, B125.	1.8	2
17	Full-field refractive index measurement using absolute-phase total internal reflection heterodyne interferometry. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	2
18	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

#	ARTICLE	IF	CITATIONS
19	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
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	Applying the optical activity of cholesteric liquid crystal for measuring small wavelength differences. <i>Optics Communications</i> , 2011, 284, 1107-1110.	2.1	1
22	Improved Design of UV- and Blue-Light-Inhibited White Light-Emitting Diode. <i>IEEE Photonics Journal</i> , 2015, 7, 1-6.	2.0	1
23	Depth-sensing technology using a negative microlens array. <i>International Journal of Optomechatronics</i> , 2021, 15, 170-181.	6.6	1
24	Alternative design of crystal type multi-port optical quasi-circulator. , 2009, , .		0
25	Design of Six-port Optical Circulator with a Small Aperture of Faraday Rotator. , 2019, , .		0