

Daesuk Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11011168/publications.pdf>

Version: 2024-02-01

42
papers

690
citations

687363

13
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-shot, dual-wavelength digital holography based on polarizing separation. Applied Optics, 2011, 50, 3360.	2.1	99
2	Three-dimensional-object recognition by use of single-exposure on-axis digital holography. Optics Letters, 2005, 30, 236.	3.3	97
3	Measurement of the thickness profile of a transparent thin film deposited upon a pattern structure with an acousto-optic tunable filter. Optics Letters, 2002, 27, 1893.	3.3	84
4	Two-wavelength in-line phase-shifting interferometry based on polarizing separation for accurate surface profiling. Applied Optics, 2011, 50, 6153.	2.1	60
5	Radius of curvature measurement of spherical smooth surfaces by multiple-beam interferometry in reflection. Optics and Lasers in Engineering, 2010, 48, 643-649.	3.8	42
6	Direct spectral phase function calculation for dispersive interferometric thickness profilometry. Optics Express, 2004, 12, 5117.	3.4	31
7	Coherent noise suppression in digital holography based on flat fielding with apodized apertures. Optics Express, 2011, 19, 17951.	3.4	27
8	Real-time dual-wavelength digital holographic microscopy based on polarizing separation. Optics Communications, 2012, 285, 233-237.	2.1	26
9	High speed volumetric thickness profile measurement based on full-field wavelength scanning interferometer. Optics Express, 2008, 16, 21022.	3.4	25
10	Complex object wave direct extraction method in off-axis digital holography. Optics Express, 2013, 21, 3658.	3.4	19
11	Efficient double-filtering with a single acousto-optic tunable filter. Optics Express, 2008, 16, 21505.	3.4	18
12	White light on-axis digital holographic microscopy based on spectral phase shifting. Optics Express, 2006, 14, 229.	3.4	17
13	Robust snapshot interferometric spectropolarimetry. Optics Letters, 2016, 41, 2318.	3.3	15
14	Curvature measurement using phase shifting in-line interferometry, single shot off-axis geometry and Zernike's polynomial fitting. Optik, 2012, 123, 422-427.	2.9	13
15	Interferometric snapshot spectro-ellipsometry. Optics Express, 2018, 26, 1333.	3.4	13
16	Thermal analysis of high power LEDs on the MCPCB. Journal of Mechanical Science and Technology, 2013, 27, 1493-1499.	1.5	12
17	Stokes vector measurement based on snapshot polarization-sensitive spectral interferometry. Optics Express, 2014, 22, 17430.	3.4	12
18	Snapshot phase sensitive scatterometry based on double-channel spectral carrier frequency concept. Optics Express, 2011, 19, 23790.	3.4	11

#	ARTICLE	IF	CITATIONS
19	One-piece polarizing interferometer for ultrafast spectroscopic polarimetry. Scientific Reports, 2019, 9, 5978.	3.3	11
20	Dynamic spectroscopic ellipsometry based on a one-piece polarizing interferometric scheme. Optics Communications, 2020, 454, 124426.	2.1	11
21	Calibration of a snapshot phase-resolved polarization-sensitive spectral reflectometer. Optics Letters, 2013, 38, 4829.	3.3	10
22	Simultaneous measurement method of total and self-interference for the volumetric thickness-profilometer. Optics Express, 2009, 17, 1352.	3.4	9
23	Dynamic spectro-polarimeter based on a modified Michelson interferometric scheme. Optics Express, 2016, 24, 14419.	3.4	7
24	Influence of the collimation of the reference wave in off-axis digital holography. Optik, 2012, 123, 1469-1473.	2.9	5
25	A simple and quantitative alignment procedure between solid state cameras. Optics Express, 2009, 17, 23947.	3.4	4
26	An automatic processing technique for accurate surface form measurement. Optik, 2012, 123, 295-301.	2.9	3
27	Distortion-Tolerant 3D Object Recognition by Using Single Exposure On-Axis Digital Holography. , 0, , 195-206.		3
28	Dynamic spectroscopic imaging ellipsometry. Optics Letters, 2022, 47, 1129.	3.3	3
29	Temperature distribution measurement by using a single-shot normal incidence imaging ellipsometer scheme. , 2012, , .		1
30	Non-coherent noise reduction in digital holography based on root mean square technique. Optik, 2012, 123, 2131-2135.	2.9	1
31	On-axis single shot digital holography using polarization based two sensing channels. , 2008, , .		1
32	Three-dimensional Nano-object Recognition by use of Phase Sensitive Scatterometry. AIP Conference Proceedings, 2007, , .	0.4	0
33	Direct Spatially Resolved Snapshot Interferometric Phase and Stokes Vector Extraction by Using an Imaging PolarCam. Chinese Physics Letters, 2020, 37, 074201.	3.3	0
34	3-D Nano Object Recognition by Use of Phase Sensitive Scatterometry. , 2009, , 493-501.		0
35	Direct filtering in phase contrast off-axis digital holography. , 2010, , .		0
36	Snapshot full Stokes vector measurement based on spectral interferometry. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Snapshot spectro-ellipsometry based on interferometric polarization modulation. , 2015, , .		0
38	Dynamic spectro-ellipsometry based on a spectral interferometric phase extraction method. , 2017, , .		0
39	Direct spatially resolved snapshot polarimetric phase extraction by using an imaging PolarCam. , 2018, , .		0
40	Highly robust digital holographic polarization imaging. , 2019, , .		0
41	Real time polarization phase imaging based on off-axis digital holographic scheme. , 2019, , .		0
42	Speed enhancement of dynamic spectroscopic ellipsometry by using direct spectral phase extraction method. Applied Optics, 2021, 60, 10867.	1.8	0