

Peter J De Groot

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

689
citations

840776

11
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Contributions of holography to the advancement of interferometric measurements of surface topography. Light Advanced Manufacturing, 2022, 3, 1.	5.1	6
2	The instrument transfer function for optical measurements of surface topography. JPhys Photonics, 2021, 3, 024004.	4.6	26
3	Optical topography measurement of steeply-sloped surfaces beyond the specular numerical aperture limit. , 2020, , .		7
4	Fourier optics modelling of instrument response for interference microscopy. , 2020, , .		1
5	Fourier optics modeling of interference microscopes. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, B1.	1.5	26
6	Interferometric measurements of mold-plate assemblies designed for high-volume manufacturing of aspheric microlenses. , 2020, , .		0
7	A review of selected topics in interferometric optical metrology. Reports on Progress in Physics, 2019, 82, 056101.	20.1	49
8	Does interferometry work? A critical look at the foundations of interferometric surface topography measurement. , 2019, , .		8
9	Characterizing the resolving power of laser Fizeau interferometers. , 2018, , .		3
10	Surface-height measurement noise in interference microscopy. , 2018, , .		4
11	The Meaning and Measure of Vertical Resolution in Optical Surface Topography Measurement. Applied Sciences (Switzerland), 2017, 7, 54.	2.5	43
12	Holography: Just a Fancy Word for Interferometry?. , 2016, , .		2
13	Interference microscope objectives for wide-field areal surface topography measurements. Optical Engineering, 2016, 55, 074110.	1.0	16
14	Progress in the specification of optical instruments for the measurement of surface form and texture. Proceedings of SPIE, 2014, , .	0.8	11
15	Correlated errors in phase-shifting laser Fizeau interferometry. Applied Optics, 2014, 53, 4334.	1.8	61
16	Interferometer design for writing Bragg gratings in optical fibers. , 2002, 4777, 31.		2
17	Interferometric back focal plane microellipsometry. Applied Optics, 1998, 37, 1796.	2.1	27
18	Vibration in phase-shifting interferometry. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1995, 12, 354.	1.5	161

#	ARTICLE	IF	CITATIONS
19	<title>Laser gage using chirped synthetic wavelength interferometry</title>., 1993,, .		4
20	Backscatter-modulation velocimetry with an external-cavity laser diode. Optics Letters, 1989, 14, 165.	3.3	55
21	Ranging and velocimetry signal generation in a backscatter-modulated laser diode. Applied Optics, 1988, 27, 4475.	2.1	177