

Shaolin Zhou

List of Publications by Year in descending order

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docs citations

23
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Fourier-based analysis of moiré fringe patterns of superposed gratings in alignment of nanolithography. Optics Express, 2008, 16, 7869.	3.4	62
2	Four-quadrant gratings moiré fringe alignment measurement in proximity lithography. Optics Express, 2013, 21, 3463.	3.4	26
3	Tilt-modulated spatial phase imaging method for wafer-mask leveling in proximity lithography. Optics Letters, 2010, 35, 3132.	3.3	25
4	Influence of tilt moiré fringe on alignment accuracy in proximity lithography. Optics and Lasers in Engineering, 2013, 51, 371-381.	3.8	24
5	Moiré fringe alignment using composite circular-line gratings for proximity lithography. Optics Express, 2015, 23, 20905.	3.4	18
6	Moiré-based focusing and leveling scheme for optical projection lithography. Applied Optics, 2010, 49, 5959.	2.1	13
7	Phase change induced active metasurface devices for dynamic wavefront control. Journal Physics D: Applied Physics, 2020, 53, 204001.	2.8	13
8	Moiré-Based Phase Imaging for Sensing and Adjustment of In-Plane Twist Angle. IEEE Photonics Technology Letters, 2013, 25, 1847-1850.	2.5	12
9	Extended dual-grating alignment method for optical projection lithography. Applied Optics, 2010, 49, 708.	2.1	11
10	Catenary-based phase change metasurfaces for mid-infrared switchable wavefront control. Optics Express, 2021, 29, 23006.	3.4	10
11	Moiré interferometry with high alignment resolution in proximity lithographic process. Applied Optics, 2014, 53, 951.	1.8	8
12	Bistable active spectral tuning of one-dimensional nanophotonic crystal by phase change. Optics Express, 2020, 28, 8341.	3.4	7
13	Spectrum-Integral Talbot Effect for UV Photolithography With Extended DOF. IEEE Photonics Technology Letters, 2015, 27, 2201-2204.	2.5	6
14	Phase Change Metasurfaces by Continuous or Quasi-Continuous Atoms for Active Optoelectronic Integration. Materials, 2021, 14, 1272.	2.9	6
15	Phase Change Memory Cell With Reconfigured Electrode for Lower RESET Voltage. IEEE Journal of the Electron Devices Society, 2019, 7, 1072-1079.	2.1	4
16	Phase-Change Metasurface by U-Shaped Atoms for Photonic Switch with High Contrast Ratio. Coatings, 2021, 11, 1499.	2.6	4
17	Prototyping of Terahertz Metasurface by One-Step Lithographically Defined Templating. IEEE Photonics Technology Letters, 2018, 30, 971-974.	2.5	2
18	Positioning scheme based on grating modulation and phase imaging in lithography. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Scalar-Based Analysis of Phase Gratings Etched in the Micro/nanofabrication Process. IEEE Photonics Journal, 2015, 7, 1-11.	2.0	1
20	The leveling of mask and wafer in proximity nanolithography using fringe pattern phase analysis. Optik, 2014, 125, 3176-3180.	2.9	0
21	The Anomaly of Periodicity Doubling in Projection Photolithography of Periodic Features. IEEE Photonics Technology Letters, 2016, 28, 2529-2532.	2.5	0
22	Effect of Near-Field Diffraction in Photolithography of Hexagonal Arrays for Dichroic Filters. IEEE Photonics Journal, 2016, 8, 1-11.	2.0	0
23	UV spectrum-integral Talbot lithography for amplitude periodic micro-grating fabrication. , 2016, , .		0