

Chaolong Fang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

210
citations

1163117

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h-index

1281871

11
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14
all docs

14
docs citations

14
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of silicon-wafer solar cell efficiency with low-cost wrinkle antireflection coating of polydimethylsiloxane. <i>Solar Energy Materials and Solar Cells</i> , 2018, 181, 15-20.	6.2	39
2	Tunable guided-mode resonance filter with a gradient grating period fabricated by casting a stretched PDMS grating wedge. <i>Optics Letters</i> , 2016, 41, 5302.	3.3	37
3	Antireflective Paraboloidal Microlens Film for Boosting Power Conversion Efficiency of Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21950-21956.	8.0	35
4	Fabrication of a Microlens Array with Controlled Curvature by Thermally Curving Photosensitive Gel Film beneath Microholes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16604-16609.	8.0	31
5	Biomimetic diodon-skin nanothorn polymer antireflection film for solar cell applications. <i>Solar Energy Materials and Solar Cells</i> , 2020, 206, 110305.	6.2	16
6	Hydrodynamically reconfigurable optofluidic microlens with continuous shape tuning from biconvex to biconcave. <i>Optics Express</i> , 2017, 25, 888.	3.4	14
7	Tunable optical limiting optofluidic device filled with graphene oxide dispersion in ethanol. <i>Scientific Reports</i> , 2015, 5, 15362.	3.3	13
8	Focal-length-tunable elastomer-based liquid-filled plano-convex mini lens. <i>Optics Letters</i> , 2016, 41, 404.	3.3	13
9	Optofluidic Tunable Linear Narrow-Band Filter Based on Bragg Nanocavity. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	4
10	Flexibly Tunable Surface Waveguide Resonances in Cylindrical Waveguide-Metal-Waveguide Configuration Assisted by Tilted Fiber Grating. <i>Journal of Lightwave Technology</i> , 2021, 39, 1814-1822.	4.6	4
11	Bioinspired Compound Eyes for Diffused Light-Harvesting Application. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4767-4774.	8.0	4
12	A five-zone binary phase filter applied to increase the recording depth of near-field SIL optical storage system. , 2011, , .		0
13	Simple fabrication of nanogratings using flexible polydimethylsiloxane film. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 035004.	1.5	0
14	The Fabrication of Micro-/Nano-Structural Antirefraction Coatings Based on the PDMS Film for Solar Cells Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 774, 012117.	0.6	0