

Shih-Hung Lin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polarization-independent and fast tunable microlens array based on blue phase liquid crystals. Optics Express, 2014, 22, 925.	3.4	30
2	Optically controllable photonic crystals and passively tunable terahertz metamaterials using dye-doped liquid crystal cells. Journal of Materials Chemistry C, 2018, 6, 4959-4966.	5.5	29
3	Spatially tunable photonic bandgap of wide spectral range and lasing emission based on a blue phase wedge cell. Optics Express, 2014, 22, 29479.	3.4	20
4	Electrically and optically tunable Fresnel lens in a liquid crystal cell with a rewritable photoconductive layer. Optical Materials Express, 2016, 6, 2229.	3.0	16
5	Organic Solvent Sensors Using Polymer-Dispersed Liquid Crystal Films with a Pillar Pattern. Polymers, 2021, 13, 2906.	4.5	9
6	Fresnel Lenses in 90° Twisted-Nematic Liquid Crystals With Optical and Electrical Controllability. IEEE Photonics Technology Letters, 2016, 28, 1462-1464.	2.5	8
7	Wide-angle lasing from photonic crystal nanostructures of a liquid-crystalline blue phase. Journal of Materials Chemistry C, 2019, 7, 6433-6439.	5.5	7
8	Polarization-Dependent Gratings Based on Polymer-Dispersed Liquid Crystal Cells with In-Plane Switching Electrodes. Polymers, 2022, 14, 297.	4.5	6
9	Switchable Two-Dimensional Liquid Crystal Grating in Blue Phase. Crystals, 2017, 7, 182.	2.2	3
10	Polarization-Independent and Fast Response Microlens Arrays Based on Blue Phase Liquid Crystals. Molecular Crystals and Liquid Crystals, 2014, 595, 118-122.	0.9	1