

Su Seok Choi

List of Publications by Year in descending order

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17
papers

574
citations

759233

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17
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband wavelength tuning of electrically stretchable chiral photonic gel. <i>Nanophotonics</i> , 2022, 11, 2139-2148.	6.0	16
2	Analytical design of optical color filter using bi-layered chiral liquid crystal. <i>Optical Materials Express</i> , 2022, 12, 949.	3.0	8
3	Design of chiral guest-host liquid crystals for a transmittance-tunable smart window. <i>Optical Materials Express</i> , 2022, 12, 2568.	3.0	10
4	Color-tuning Mechanism of Electrically Stretchable Photonic Organogels. <i>Advanced Science</i> , 2022, 9, .	11.2	9
5	Near-field sub-diffraction photolithography with an elastomeric photomask. <i>Nature Communications</i> , 2020, 11, 805.	12.8	36
6	Conjugated Polyelectrolytes as Multifunctional Passivating and Hole-transporting Layers for Efficient Perovskite Light-emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1900067.	21.0	44
7	Emerging Applications of Liquid Crystals Based on Nanotechnology. <i>Materials</i> , 2014, 7, 2044-2061.	2.9	13
8	Programmable ZnO nanowire transistors using switchable polarization of ferroelectric liquid crystal. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	10
9	Spontaneous induction of the uniform lying helix alignment in bimesogenic liquid crystals for the flexoelectro-optic effect. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	31
10	Increasing the flexoelastic ratio of liquid crystals using highly fluorinated ester-linked bimesogens. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16377.	2.8	17
11	Polymer stabilized chiral nematic liquid crystals for fast switching and high contrast electro-optic devices. <i>Applied Physics Letters</i> , 2011, 98, 263508.	3.3	42
12	Simultaneous red-green-blue reflection and wavelength tuning from an achiral liquid crystal and a polymer template. <i>Advanced Materials</i> , 2010, 22, 53-56.	21.0	63
13	Novel Nonvolatile Memory with Multibit Storage Based on a ZnO Nanowire Transistor. <i>Nano Letters</i> , 2010, 10, 4316-4320.	9.1	96
14	High contrast chiral nematic liquid crystal device using negative dielectric material. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	17
15	Electrically Tuneable Liquid Crystal Photonic Bandgaps. <i>Advanced Materials</i> , 2009, 21, 3915-3918.	21.0	87
16	The switching properties of chiral nematic liquid crystals using electrically commanded surfaces. <i>Soft Matter</i> , 2009, 5, 354-362.	2.7	37
17	Wavelength tuning the photonic band gap in chiral nematic liquid crystals using electrically commanded surfaces. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	38