Su Seok Choi

List of Publications by Year
in descending order

17	574	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	753
all docs	docs citations	times ranked	citing authors

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