

Achintya Bhowmik

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

76
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	The ion capturing effect of 5Å° SiOx alignment films in liquid crystal devices. Journal of Applied Physics, 2010, 108, 064502.	2.5	20
2	The effect of dielectric constant on ion adsorption in liquid crystal devices. Liquid Crystals, 2013, 40, 7-13.	2.2	15
3	The effect of salt on ion adsorption on a SiOx alignment film and reduced conductivity of a liquid crystal host. Journal of Applied Physics, 2012, 111, 024501.	2.5	12
4	Comparison of organic and inorganic alignment layers for low-power liquid crystal devices using low-frequency applied voltage waveforms. Journal of the Society for Information Display, 2010, 18, 206-210.	2.1	8
5	Fast-response liquid crystal variable optical retarder and multilevel attenuator. Optical Engineering, 2013, 52, 107105.	1.0	8
6	Characterization of Ionic Impurities Adsorbed onto a 5Å° SiO _x Alignment Film. Japanese Journal of Applied Physics, 2012, 51, 031701.	1.5	7
7	Reduced residual DC voltages in LCDs by using fluorinated polyimides. Journal of the Society for Information Display, 2011, 19, 447-452.	2.1	4
8	34.3: Dual Cell Fast Response LC Display. Digest of Technical Papers SID International Symposium, 2013, 44, 439-442.	0.3	1
9	Characterization of Ionic Impurities Adsorbed onto a 5Å° SiO _x Alignment Film. Japanese Journal of Applied Physics, 2012, 51, 031701.	1.5	1
10	Low voltage fast response display using dual cells with quarter-wave thickness. Journal of the Society for Information Display, 2014, 22, 229-236.	2.1	0