

Jae-Hoon Kim

List of Publications by Year in descending order

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papers

545
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840776

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docs citations

16
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically-isotropic nanoencapsulated liquid crystal displays based on Kerr effect. Optics Express, 2013, 21, 15719.	3.4	25
2	Enhanced surface anchoring energy for the photo-alignment layer with reactive mesogens for fast response time of liquid crystal displays. Journal Physics D: Applied Physics, 2013, 46, 145305.	2.8	21
3	Unidirectional Liquid Crystal Pretilt Generation on Asymmetric Nanoscaled Groove Pattern Driven by Atomic Force Microscopic Tip. Japanese Journal of Applied Physics, 2012, 51, 045203.	1.5	0
4	Unidirectional Liquid Crystal Pretilt Generation on Asymmetric Nanoscaled Groove Pattern Driven by Atomic Force Microscopic Tip. Japanese Journal of Applied Physics, 2012, 51, 045203.	1.5	1
5	Surface nematic bistability at nanoimprinted topography. Applied Physics Letters, 2008, 92, 153110.	3.3	34
6	What Aligns Liquid Crystals on Solid Substrates? The Role of Surface Roughness Anisotropy. Physical Review Letters, 2005, 94, 077803.	7.8	65
7	Fabrication of electro-optic devices using liquid crystals with a single glass substrate. Journal of Applied Physics, 2002, 92, 7699-7701.	2.5	29
8	Reznikov et al. Reply. Physical Review Letters, 2001, 87, .	7.8	1
9	Phase-separated composite films: Experiment and theory. Physical Review E, 2000, 61, 4007-4010.	2.1	73
10	Photoalignment of Liquid Crystals by Liquid Crystals. Physical Review Letters, 2000, 84, 1930-1933.	7.8	49
11	Surface Dynamics in Rubbed Polymer Thin Films Probed with Optical Birefringence Measurements. Macromolecules, 2000, 33, 4903-4909.	4.8	85
12	Material-independent determination of anchoring properties on rubbed polyimide surfaces. Physical Review E, 1999, 60, 6841-6846.	2.1	17
13	Phase separated composite films of liquid crystals. Pramana - Journal of Physics, 1999, 53, 121-129.	1.8	7
14	Thermally Stable LC alignment on Polyimide Films Exposed to UV During Imidization. Digest of Technical Papers SID International Symposium, 1999, 30, 312.	0.3	1
15	Alignment of liquid crystals on polyimide films exposed to ultraviolet light. Physical Review E, 1998, 57, 5644-5650.	2.1	111
16	Control of nematic director orientation by exposing rubbed polyimide films to linearly polarized ultraviolet light. Applied Physics Letters, 1997, 71, 3162-3164.	3.3	26