

Jae-Hoon Kim

List of Publications by Year in descending order

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16
papers

545
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

434
citing authors

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