

J William Doane

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,480
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Response times and voltages for PDLC light shutters. <i>Liquid Crystals</i> , 1989, 5, 1453-1465.	2.2	358
2	Microscope textures of nematic droplets in polymer dispersed liquid crystals. <i>Journal of Applied Physics</i> , 1991, 69, 6380-6386.	2.5	245
3	Reversible Photoswitchable Axially Chiral Dopants with High Helical Twisting Power. <i>Journal of the American Chemical Society</i> , 2007, 129, 12908-12909.	13.7	225
4	Configuration transition in a nematic liquid crystal confined to a small spherical cavity. <i>Physical Review Letters</i> , 1990, 64, 1907-1910.	7.8	192
5	Angular discrimination of light transmission through polymer-dispersed liquid-crystal films. <i>Journal of Applied Physics</i> , 1987, 62, 3925-3931.	2.5	154
6	Polymer-Dispersed Liquid Crystals: Boojums at Work. <i>MRS Bulletin</i> , 1991, 16, 22-28.	3.5	65
7	Electrooptic Response Of PDLC Light Shutters. <i>Proceedings of SPIE</i> , 1989, , .	0.8	42
8	Transient dielectric study of bistable reflective cholesteric displays and design of rapid drive scheme. <i>Applied Physics Letters</i> , 1995, 67, 1211-1213.	3.3	31
9	Thin flexible photosensitive cholesteric displays. <i>Journal of the Society for Information Display</i> , 2009, 17, 869.	2.1	27
10	PDLC shutters: where has this technology gone?. <i>Liquid Crystals</i> , 2006, 33, 1313-1322.	2.2	23
11	60.2: Novel Optically Addressable Photochiral Displays Erica Montbach. <i>Digest of Technical Papers SID International Symposium</i> , 2008, 39, 919.	0.3	22
12	Temperature dependence of the Maier-Saupe order matrix from ^2H -NMR of fluorene- d_{10} in the nematic, smectic A, B, and C phases. <i>Journal of Chemical Physics</i> , 1983, 79, 2470-2477.	3.0	18
13	A New High Twisting Power Material for Use as a Single Asymmetric Dopant in Cholesteric Displays with a Temperature Independence of the Helical Twisting Power. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 410, 201-208.	0.9	16
14	Liquid Crystal Order in a Highly Restrictive Porous Glass. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 262, 13-23.	0.3	15
15	Asymmetry in molecular ordering in the nematic phase: DMR study. <i>Journal of Chemical Physics</i> , 1988, 88, 1373-1382.	3.0	14
16	Biaxial Ordering of Melted Chains Near the Gel Phase Transition: an NMR Study. <i>Molecular Crystals and Liquid Crystals</i> , 1981, 68, 11-22.	0.8	11
17	Deuterium NMR of Biaxially Ordered Liquid Crystals. <i>Israel Journal of Chemistry</i> , 1983, 23, 323-328.	2.3	9
18	^{13}C NMR Study of Molecular Dynamics in Twisted Nematic Phases. <i>Molecular Crystals and Liquid Crystals</i> , 1984, 113, 291-301.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Effects of the Passage of Ionizing Particles Through a Liquid Crystal. <i>Molecular Crystals and Liquid Crystals</i> , 1974, 26, 71-74.	0.8	4
20	Liquid crystals: As observed by nmr. <i>Ferroelectrics</i> , 1980, 24, 203-210.	0.6	1