

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

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