

# John T Ho

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New Hexatic Liquid Phase Observed in Lyotropic Thin Films. <i>Physical Review Letters</i> , 2004, 93, 247801.	2.9	10
2	Multiple Electron Diffraction and Two-Dimensional Crystalline Order in Liquid-Crystal Thin Films. <i>Physical Review Letters</i> , 2003, 91, 125504.	2.9	2
3	Surface phase transitions in free-standing films of nonchiral tilted hexatic liquid crystals. <i>Physical Review E</i> , 2003, 67, 040702.	0.8	4
4	Direct layer-by-layer freezing of a smectic liquid-crystal surface into the crystalline phase. <i>Physical Review E</i> , 2001, 64, 050703.	0.8	4
5	Crystalline transitions in free-standing films of 4-n-heptyloxybenzylidene-4-n-heptylaniline. <i>Physical Review E</i> , 2000, 61, 5407-5409.	0.8	5
6	Multiple-Step Melting in Two-Dimensional Hexatic Liquid-Crystal Films. <i>Science</i> , 1998, 280, 1424-1426.	6.0	63
7	Electron-diffraction study of a one-layer free-standing hexatic liquid-crystal film. <i>Physical Review E</i> , 1997, 56, 592-594.	0.8	18
8	Layer-Dependent Surface-Induced Tilt, Hexatic, and Positional Orders in Free-Standing 70.7 Films. <i>Physical Review Letters</i> , 1997, 78, 4962-4965.	2.9	15
9	Scaling of Bond-Orientational Order Parameters in A 54COBC Two-Dimensional Film. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 303, 373-378.	0.3	0
10	Nature of Layer-by-Layer Freezing in Free-Standing 40.8 Films. <i>Physical Review Letters</i> , 1996, 77, 2750-2753.	2.9	38
11	Scaling of 6n-Fold Bond-Orientational Order Parameters in a Hexatic Liquid-Crystal Thin Film. <i>Physical Review Letters</i> , 1996, 76, 4556-4559.	2.9	32
12	Electron diffraction studies of surface freezing in hexatic B films. <i>Liquid Crystals</i> , 1994, 17, 361-366.	0.9	1
13	Dynamics of director fluctuations near the nematic-smectic-A-smectic-C multicritical point. <i>Physical Review Letters</i> , 1990, 64, 1122-1125.	2.9	6
14	Twist viscosity and splay elastic constant near the nematic-smectic-A-smectic-C multicritical point. <i>Physical Review A</i> , 1990, 42, 2449-2450.	1.0	4
15	THE NEMATIC-SMECTIC-A-SMECTIC-C MULTICRITICAL POINT IN BINARY LIQUID-CRYSTAL MIXTURES. <i>Modern Physics Letters B</i> , 1990, 04, 841-845.	1.0	0
16	Chenget al. reply. <i>Physical Review Letters</i> , 1988, 60, 862-862.	2.9	7
17	Light-scattering study in nematic-smectic-A-smectic-C multicritical mixtures. <i>Physical Review A</i> , 1988, 38, 400-406.	1.0	11
18	Observation of Two-Dimensional Hexatic Behavior in Free-Standing Liquid-Crystal Thin Films. <i>Physical Review Letters</i> , 1988, 61, 550-553.	2.9	69

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19	Higher-harmonic bond-orientational correlations in a model planar hexatic glass. <i>Physical Review B</i> , 1988, 38, 1605-1607.	1.1	0
20	Behavior of the Bend Elastic Constant near the Nematic-Smectic-A-Smectic-C Multicritical Point. <i>Physical Review Letters</i> , 1987, 58, 2239-2241.	2.9	14
21	Electron-diffraction study of free-standing liquid-crystal films. <i>Physical Review Letters</i> , 1987, 59, 1112-1115.	2.9	90
22	Sedimentation in middle phase microemulsions: An investigation using light scattering and ultracentrifugation. <i>Colloids and Surfaces</i> , 1986, 20, 187-209.	0.9	8
23	The anomaly of sedimentation at normal gravity in microemulsions. <i>Journal of Colloid and Interface Science</i> , 1985, 107, 290-292.	5.0	12
24	Birefringence investigation of the smectic-A $\rightarrow$ hexatic-B phase transition. <i>Physical Review A</i> , 1982, 26, 2293-2296.	1.0	34
25	Cholesteric Pitch Near the Smectic-C Phase. <i>Molecular Crystals and Liquid Crystals</i> , 1981, 67, 199-204.	0.9	12
26	Effect of corrections to scaling on critical magnetic data of EuO. <i>Physical Review B</i> , 1980, 22, 467-469.	1.1	8
27	Critical Behavior of Birefringence in Two Smectic-A Pentylbenzenethio-Alkoxybenzoates Near the Smectic-C Phase. <i>Molecular Crystals and Liquid Crystals</i> , 1980, 58, 245-250.	0.9	7
28	Pretransitional Behavior of Birefringence in a Smectic-B Liquid Crystal near the Smectic-A Phase. <i>Physical Review Letters</i> , 1979, 43, 1167-1170.	2.9	10
29	Apparatus for High-Resolution Birefringence Measurement in Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1978, 47, 173-177.	0.9	63
30	Coupling between Orientational and Translational Order in a Liquid Crystal. <i>Physical Review Letters</i> , 1978, 40, 944-947.	2.9	30
31	Critical Suppression of Birefringence in a Smectic-A Liquid Crystal near the Smectic-C Phase. <i>Physical Review Letters</i> , 1978, 40, 1576-1578.	2.9	33
32	Optical rotatory power near a cholesteric $\rightarrow$ smectic $\leftarrow$ transition. <i>Applied Physics Letters</i> , 1977, 31, 487-488.	1.5	7
33	Cholesteric pitch of cholesteryl decanoate near the smectic-a transition. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1976, 59, 277-278.	0.9	11
34	Faraday rotation near the Curie point of EuO. <i>Physical Review B</i> , 1975, 12, 5255-5260.	1.1	20
35	Dynamics of Freedericksz Deformation near a Nematic $\rightarrow$ Smectic-A Transition. <i>Physical Review Letters</i> , 1974, 33, 400-403.	2.9	42
36	Divergence of Cholesteric Pitch near a Smectic-A Transition. <i>Physical Review Letters</i> , 1974, 32, 43-46.	2.9	88

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37	Parametric Equations of State for Fluids near the Critical Point. Physical Review A, 1973, 7, 1304-1311.	1.0	21
38	Correlation Between Magnetization and Field-Dependent Specific-Heat Data Near the Curie Point. Physical Review Letters, 1971, 26, 1485-1488.	2.9	17
39	Faraday Rotation near the Ferromagnetic Critical Temperature of CrBr <sub>3</sub> . Physical Review B, 1970, 2, 4523-4532.	1.1	86
40	Correlation Between Critical Coefficients and Critical Exponents. Physical Review Letters, 1969, 23, 1098-1102.	2.9	256
41	Divergences of the Magnetic Properties of CrBr <sub>3</sub> near the Critical Point. Journal of Applied Physics, 1969, 40, 1270-1271.	1.1	23
42	Magnetic Equation of State of CrBr <sub>3</sub> Near the Critical Point. Physical Review Letters, 1969, 22, 603-606.	2.9	110