

John T Ho

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Correlation Between Critical Coefficients and Critical Exponents. <i>Physical Review Letters</i> , 1969, 23, 1098-1102.	2.9	256
2	Magnetic Equation of State of CrBr ₃ Near the Critical Point. <i>Physical Review Letters</i> , 1969, 22, 603-606.	2.9	110
3	Electron-diffraction study of free-standing liquid-crystal films. <i>Physical Review Letters</i> , 1987, 59, 1112-1115.	2.9	90
4	Divergence of Cholesteric Pitch near a Smectic-A Transition. <i>Physical Review Letters</i> , 1974, 32, 43-46.	2.9	88
5	Faraday Rotation near the Ferromagnetic Critical Temperature of CrBr ₃ . <i>Physical Review B</i> , 1970, 2, 4523-4532.	1.1	86
6	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
7	Apparatus for High-Resolution Birefringence Measurement in Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1978, 47, 173-177.	0.9	63
8	Multiple-Step Melting in Two-Dimensional Hexatic Liquid-Crystal Films. <i>Science</i> , 1998, 280, 1424-1426.	6.0	63
9	Dynamics of Fredericksz Deformation near a Nematic-Smectic-A Transition. <i>Physical Review Letters</i> , 1974, 33, 400-403.	2.9	42
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	Birefringence investigation of the smectic-A-hexatic-B phase transition. <i>Physical Review A</i> , 1982, 26, 2293-2296.	1.0	34
12	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
13	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
14	Coupling between Orientational and Translational Order in a Liquid Crystal. <i>Physical Review Letters</i> , 1978, 40, 944-947.	2.9	30
15	Divergences of the Magnetic Properties of CrBr ₃ near the Critical Point. <i>Journal of Applied Physics</i> , 1969, 40, 1270-1271.	1.1	23
16	Parametric Equations of State for Fluids near the Critical Point. <i>Physical Review A</i> , 1973, 7, 1304-1311.	1.0	21
17	Faraday rotation near the Curie point of EuO. <i>Physical Review B</i> , 1975, 12, 5255-5260.	1.1	20
18	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

#	ARTICLE	IF	CITATIONS
19	Correlation Between Magnetization and Field-Dependent Specific-Heat Data Near the Curie Point. Physical Review Letters, 1971, 26, 1485-1488.	2.9	17
20	Layer-Dependent Surface-Induced Tilt, Hexatic, and Positional Orders in Free-Standing 70.7 Films. Physical Review Letters, 1997, 78, 4962-4965.	2.9	15
21	Behavior of the Bend Elastic Constant near the Nematic-Smectic-A-Smectic-C Multicritical Point. Physical Review Letters, 1987, 58, 2239-2241.	2.9	14
22	Cholesteric Pitch Near the Smectic-C Phase. Molecular Crystals and Liquid Crystals, 1981, 67, 199-204.	0.9	12
23	The anomaly of sedimentation at normal gravity in microemulsions. Journal of Colloid and Interface Science, 1985, 107, 290-292.	5.0	12
24	Cholesteric pitch of cholesteryl decanoate near the smectic-a transition. Physics Letters, Section A: General, Atomic and Solid State Physics, 1976, 59, 277-278.	0.9	11
25	Light-scattering study in nematic-smectic-smectic-C multicritical mixtures. Physical Review A, 1988, 38, 400-406.	1.0	11
26	Pretransitional Behavior of Birefringence in a Smectic-B Liquid Crystal near the Smectic-A Phase. Physical Review Letters, 1979, 43, 1167-1170.	2.9	10
27	New Hexatic Liquid Phase Observed in Lyotropic Thin Films. Physical Review Letters, 2004, 93, 247801.	2.9	10
28	Effect of corrections to scaling on critical magnetic data of EuO. Physical Review B, 1980, 22, 467-469.	1.1	8
29	Sedimentation in middle phase microemulsions: An investigation using light scattering and ultracentrifugation. Colloids and Surfaces, 1986, 20, 187-209.	0.9	8
30	Optical rotatory power near a cholesteric-smectic-A transition. Applied Physics Letters, 1977, 31, 487-488.	1.5	7
31	Critical Behavior of Birefringence in Two Smectic-A Pentylbenzenethio-Alkoxybenzoates Near the Smectic-C Phase. Molecular Crystals and Liquid Crystals, 1980, 58, 245-250.	0.9	7
32	Chenget al. reply. Physical Review Letters, 1988, 60, 862-862.	2.9	7
33	Dynamics of director fluctuations near the nematic-smectic-smectic-C multicritical point. Physical Review Letters, 1990, 64, 1122-1125.	2.9	6
34	Crystalline transitions in free-standing films of 4-n-heptyloxybenzylidene-4-n-heptylaniline. Physical Review E, 2000, 61, 5407-5409.	0.8	5
35	Twist viscosity and splay elastic constant near the nematic-smectic-smectic-C multicritical point. Physical Review A, 1990, 42, 2449-2450.	1.0	4
36	Direct layer-by-layer freezing of a smectic liquid-crystal surface into the crystalline phase. Physical Review E, 2001, 64, 050703.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Surface phase transitions in free-standing films of nonchiral tilted hexatic liquid crystals. Physical Review E, 2003, 67, 040702.	0.8	4
38	Multiple Electron Diffraction and Two-Dimensional Crystalline Order in Liquid-Crystal Thin Films. Physical Review Letters, 2003, 91, 125504.	2.9	2
39	Electron diffraction studies of surface freezing in hexatic B films. Liquid Crystals, 1994, 17, 361-366.	0.9	1
40	Higher-harmonic bond-orientational correlations in a model planar hexatic glass. Physical Review B, 1988, 38, 1605-1607.	1.1	0
41	THE NEMATIC-SMECTIC-A-SMECTIC-C MULTICRITICAL POINT IN BINARY LIQUID-CRYSTAL MIXTURES. Modern Physics Letters B, 1990, 04, 841-845.	1.0	0
42	Scaling of Bond-Orientational Order Parameters in A 54COOBC Two-Dimensional Film. Molecular Crystals and Liquid Crystals, 1997, 303, 373-378.	0.3	0