

This article was downloaded by:

On: 26 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Liquid Crystals

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713926090>

Cumulative Index of Authors

To cite this Article (1988) 'Cumulative Index of Authors', *Liquid Crystals*, 3: 9, 1283 — 1291

To link to this Article: DOI: 10.1080/02678298808086586

URL: <http://dx.doi.org/10.1080/02678298808086586>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

Cumulative Index of Authors

with the titles of papers

Volume 3, Numbers 1-9, 1988

- ANISIMOV, M. A., and VORONOV, V. P.: Alternative universality for a NAC multicritical point topology, 403
- ARAKI, K., *see* Attard, G. S.
- ATTARD, G. S., ARAKI, K., MOURA-RAMOS, J. J., and WILLIAMS, G.: Invited Article. Molecular dynamics and macroscopic alignment properties of thermotropic liquid-crystalline side chain polymers as studied by dielectric relaxation spectroscopy, 861
- BADAEV, N., *see* Skuridin, S.
- BAILEY, A. L., *see* Hoatson, G. L.
- BARNHOORN, J. B. S., *see* Ruessink, B. H.
- BARNIK, M. I., *see* Belyaev, S. V.
- BATA, L., PÉPY, G., and ROSTA, L.: Molecular dynamics of liquid crystals by dielectric relaxation and neutron scattering, 893
- BATES, G. S., *see* Hoatson, G. L.
- BAWA, S. S., *see* Glogarová, M.
- BAYLE, J. P., PEREZ, F., and COURTIEU, J.: Inertial effects in rotating lyotropic liquid crystals, 753
- BAYLE, J. P., *see* Nguyen Thoi Lai
- BECCERRA, L., *see* Reeves, L. W.
- BELYAEV, S. V., BARNIK, M. I., BERESNEV, G. A., and MALIMONENKO, N. V.: Optical and electrooptical properties of homeoplar layers of cholesteric liquid crystals, 1279
- BERESNEV, G. A., *see* Belyaev, S. V.
- BERGENSTÄHL, B., *see* Wörnheim, T.
- BEICA, T., *see* Frunză, S.
- BERGERSEN, B., PALFFY-MUHORAY, P., and DUNMUR, D. A.: Uniaxial nematic phase in fluids of biaxial particles, 347
- BEZBORODOV, V. S., MIN'KO, A. A., NAUMENKO, V. I., and PANICHEV, M. I.: Characteristics of relaxational dynamics and the structure of nematogens, 901
- BILLARD, J., *see* Zimmermann, H.
- BLINC, R., DOLINSEK, J., LUZAR, M., and SELIGER, J.: Invited Article. ^{13}C N.M.R. and ^{14}N N.Q.R. in ferroelectric liquid crystals. Polar versus quadrupolar ordering, 663
- BLÜMEL, TH., and STEGEMEYER, H.: On the origin of Grandjean-Cano lines in liquid-crystalline blue phases, 195
- BLÜMEL, TH., *see* Stegemeyer, H.
- BOCK, F.-J., KNEPPE, H., and SCHNEIDER, F.: Determination of the rotational viscosity of nematic liquid crystals over an extended range, 217
- BÖHM, E., *see* Escher, C.
- BOIKO, N. I., *see* Freidzon, Ya. S.
- BORMUTH, F. J., and HAASE, W.: Molecular dynamics of a liquid-crystalline polymer with laterally fixed mesogenic side groups, 881
- BÖTTGER, A., NIESSEN, L., COELINGH, J., FRENKEL, D., and ZIJLSTRA, R. J. J.: Dynamic light scattering near the isotropic-blue phase transition of cholesteryl-oleylcarbonate, 337
- BRADSHAW, M. J., *see* Humphreys, R. G.
- BREDEL, T., *see* Chachaty, C.

- BRUCE, D. W., DUNMUR, D. A., LALINDE, E., MAITLIS, P. M., and STYRING, P.: 4-Alkoxy-4'-stilbazoles. New heterocyclic mesogens, 385
- BUCHECKER, R., *see* Kelly, S. M.
- BULTHUIS, J., *see* Plomp, L.
- BULTHUIS, J., *see* Ruessink, B. H.
- BURNELL, E. E., *see* Hoatson, G. L.
- BURNELL, E. E., *see* Kok, M. Y.
- BURROWS, H. D., GERALDES, C. F. G. C., PINHEIRO, T. J. T., HARRIS, R. K., and SEBALD, A.: ²⁰⁷Pb N.M.R. of lead(II) soaps in solid, liquid-crystalline and liquid phases, 853
- BUSTAMANTE, C. J., *see* Spada, G. P.
- CAMETTI, C., DE LUCA, F., MACRÌ, M. A., MARAVIGLIA, B., and SORIO, P.: Audio to microwave frequency dielectric study of the pretransition region in DPL-water systems, 839
- CANIPAROLI, J.-P., *see* Chachaty, C.
- CARCURO, A., *see* Spada, G.P.
- CHACHATY, C., and KORB, J.-P.: Paramagnetic nuclear relaxation study of the structure and dynamics of lyotropic lamellar phases, 807
- CHACHATY, C., BREDEL, T., TISTCHENKO, A. M., CANIPAROLI, J.-P., and GALLOT, B.: Thermotropic ionic liquid crystals of pyridinium octylphosphate. A N.M.R. and X-ray study, 815
- CHANTRELL, R. W., *see* Fraser, D. P.
- CHARVOLIN, J., *see* Hendrikx, Y.
- CHARVOLIN, J., *see* Holmes, M. C.
- CHICCOLI, C., PASINI, P., and ZANNONI, C.: Can Monte Carlo detect the absence of ordering in a model liquid crystal?, 363
- CHIN, E., *see* Goodby, J. W.
- CLADIS, P. E., *see* Pieranski, P.
- COELINGH, J., *see* Böttger, A.
- COLONNA, F. P., *see* Spada, G. P.
- COTOROBAI, F., *see* Frunzã, S.
- COURTIEU, J., *see* Bayle, J. P.
- COURTIEU, J., *see* Nguyen Thoi Lai
- CRIVELLO, J. V., DEPTOLLA, M., and RINGSDORF, H.: The synthesis and characterization of side-chain liquid crystal polymers based on polystyrene and poly- α -methystyrene, 235
- CUYPERS, F., and PAUWELS, H.: Eigenvalues of propagation through liquid crystals, 1157
- DĄBROWSKI, R., JANIK, J. A., JANIK, J. M., and OTNES, K.: A neutron scattering study of dimerization and pairing of molecules in liquid crystal mixtures, 443
- DAVIDSON, P., JALLABERT, C., LEVELUT, A. M., STRZELECKA, H., and VEBER, M.: Synthesis and X-ray study of new columnar heteroaromatic salts, 133
- DEJARDIN, J. L.: Interprétation physique par modélisation de la cinétique de polymérisation de la déoxyhémoglobine S. Une nouvelle approche théorique, 1191.
- DE LUCA, F., *see* Cametti, C.
- DE MARIA, P., *see* Spada, G. P.
- DEMBO, A., *see* Skuridin, S.
- DEMIKHOV, E. I., DOLGANOV, V. K., KORSHUNOV, V. V., and DEMUS, D.: Polarized luminescence in a cubic ligand crystal, 1161
- DEMUS, D., *see* Demikhov, E. I.
- DEMUS, D., *see* Diele, S.
- DEMUS, D., *see* Glogarová, M.
- DEMUS, D., *see* Weissflog, W.
- DEPTOLLA, M., *see* Crivello, J. V.
- DE RENZI, R., *see* Riccò, M.
- DERZHANSKI, A., *see* Zheliaskova, A.
- DIELE, S., *see* Glogarová, M.
- DIELE, S., PELZL, G., WEISSFLOG, W., and DEMUS, D.: A filled smectic A phase. A novel kind of induced smectic A phase observed for binary mixtures, 1047
- DOANE, J. W., *see* Wróbel, S.
- DOLGANOV, V. K., *see* Demikhov, E. I.
- DOLINŠEK, J., *see* Blinc, R.

- DRENTH, W., *see* Warmerdam, T. W.
- DRZYMALA, A.: Kritisches akustische Relaxationsprozesse in der nematischen Mesophase von 4-*n*-Hexyloxyphenol-4'-Methoxybenzoat, 43
- DUNLEAVY, M., SOMERTON, C., and RICHARDSON, R. M.: Synthesis and liquid crystal properties of 4-alkoxybenzylidene-4'-aminocinnamic acid 1-trifluoromethylalkyl esters. The ABACT series, 605
- DUNMUR, D. A., *see* Bergersen, B.
- DUNMUR, D. A., *see* Bruce, D. W.
- DUPRÉ, D. B., *see* Parthasarthy, R.
- ESCHER, C., GEELHAAR, T., and BÖHM, E.: Measurement of the rotational viscosity of ferroelectric liquid crystals based on a simple dynamical model, 469
- ETHERINGTON, G., LANGLEY, A. J., LEADBETTER, A. J., and WANG, X. J.: Structure of the D phase. II, 155
- FERNANDES, M. P. O., *see* Reeves, L. W.
- FINN, P. L., *see* Marcus, M. A.
- FRASER, D. P., CHANTRELL, R. W., MELVILLE, D., and TILDESLEY, D. J.: Two-dimensional Monte Carlo studies of lipid molecules in a bilayer membrane, 423
- FRECH, C. B., FUNG, B. M., and SCHADT, M.: Orientational ordering of 4-substituted phenylcyclohexanes studied by carbon-13 two-dimensional N.M.R., 713
- FREED, J. H., *see* Rananavare, S. B.
- FREIDZON, YA. S., TALROZE, R. V., BOIKO, N. I., KOSTROMIN, S. G., SHIBAEV, V. P., and PLATÉ, N. A.: Thermotropic liquid-crystalline polymers. XXIII. Peculiarities of uniaxial orientation of comb-like liquid-crystalline polymers under mechanical stress, 127
- FRENKEL, D., *see* Böttger, A.
- FRENKEL, D., *see* Warmerdam, T.
- FRIESER, A., *see* Stannarius, R.
- FRUNZĂ, S., BEICA, T., MOLDOVAN, R., GIURGEA, M., and COTOROBAL, F.: Relaxation from transient and stationary states in the deformed aligned phase (DAP) effect in quasi-homeotropic liquid crystal layers, 285
- FUNG, B. M., and POON, C.-D.: Deuterium N.M.R. of liquid crystal solutions with proton-proton dipolar decoupling, 677
- FUNG, B. M., *see* Frech, C. B.
- GALLOT, B., *see* Chachaty, C.
- GARBESI, A., *see* Spada, G. P.
- GEELHAAR, T., *see* Escher, C.
- GERALDES, C. F. G. C., *see* Burrows, H. D.
- GESTBLOM, B., *see* Wróbel, S.
- GIERLOTKA, S., *see* Przedmojski, J.
- GIORDANO, M., LEPORINI, D., MARTINELLI, M., PARDI, L., and SANTUCCI, S.: A new non-linear high sensitivity spectroscopy in the slow molecular motion regime, 989
- GIURGEA, M., *see* Frunză, S.
- GLOGAROVÁ, M., PAVEL, J., BAWA, S. S., DEMUS, D., DIELE, S., and PELZL, G.: Macroscopic properties of mixed chiral smectic liquid crystals, 353
- GOODBY, J. W., and CHIN, E.: A chiral induced ferroelectric liquid crystal phase transition with a vanishingly small enthalpy, 1245
- GOODBY, J. W., *see* Nagabhushan, C.
- GOTTARELLI, G., *see* Spada, G. P.
- GRIFFIN, A. C., and VAIDYA, S. R.: Effect of molecular structure on mesomorphism. XX. Unsymmetrical dimeric mesogens, 1275
- GROSSMANN, H. P., *see* Rupp, W.
- GUIDI, G., *see* Riccò, M.
- HAASE, W., *see* Bormuth, F. J.
- HAKEMI, H.: Mass transport in a chiral nematic/nematic liquid crystal system, 453
- HÄNSEL, K., *see* Stannarius, R.
- HARRIS, R. K., *see* Burrows, H. D.
- HAUCK, G., and KOSWIG, H. D.: Odd-even effects in the threshold and saturation behaviour of long pitch cholesteric systems, 139

- HENDRIKX, Y., and CHARVOLIN, J.: Deformation of cylinders in the hexagonal phase of sodium decyl sulphate/decanol/water on the introduction of decanol, 265
- HENRIKSSON, U., *see* Wärnheim, T.
- HILTUNEN, Y., *see* Lounila, J.
- HILTUNEN, Y., *see* Pulkkinen, A.
- HOATSON, G. L., BAILEY, A. L., VAN DER EST, A. J., BATES, G. S., and BURNELL, E. E.: ^2H -N.M.R. studies of flexibility and orientational order in nematic liquid crystals, 683
- HOFFMANN, H., *see* Weber, R.
- HOGAN, J. L., IMRIE, C. T., and LUCKHURST, G. R.: Asymmetric dimeric liquid crystals. The preparation and properties of the α -(4-cyanobiphenyl-4'-oxy)- ω -(4-*n*-alkylaniline-benzylidene-4'-oxy)hexanes, 645
- HOLMES, M. C., CHARVOLIN, J., and REYNOLDS, D. J.: An X-ray scattering study of the lamellar/nematic/isotropic sequence of phases in decylammonium chloride/ $\text{H}_2\text{O}/\text{NH}_4\text{Cl}$, 1147
- HOUP, D. J., *see* Parthasarathy, R.
- HUMPHREYS, R. G., TARRY, H. A., and BRADSHAW, M. J.: Viscosity measurements of nematic-polymer liquid crystal mixtures by light scattering, 1039
- IANNELI, P., *see* Roviello, A.
- IGNER, D., *see* Loewenstein, A.
- IMMIRZI, A., *see* Roviello, A.
- IMRIE, C. T., *see* Hogan, J. L.
- JALLABERT, C., *see* Davidson, P.
- JANIK, J. A., *see* Dąbrowski, R.
- JANIK, J. M., *see* Dąbrowski, R.
- JOKISAARI, J., *see* Lounila, J.
- JOKISAARI, J., *see* Pulkkinen, A.
- KELLY, S. M., BUCHECKER, R., and SCHADT, M.: Ferroelectric liquid crystals. IV. Chiral alkenyloxyphenyl benzoates, 1115
- KELLY, S. M., BUCHECKER, R., and SCHADT, M.: Ferroelectric liquid crystals. V. Chiral alkenyloxyphenyl 4-biphenyl-1-carboxylates, 1125
- KELLY, S. M., and VILLIGER, A.: Ferroelectric liquid crystals. VI. Chiral 5-alkyl-2-phenylpyrimidines, 1173
- KHETRAPAL, C. L., RAGHOTHAMA, S., SURYAPRAKASH, N., and KUNWAR, A. C.: ^{13}C -N.M.R. studies of discotics, 413
- KLOCZKOWSKI, A., and LUCKHURST, G. R.: On the relationship of the nematic-isotropic transition temperature of an oligomer to that of its constituent units, 95
- KLOCZKOWSKI, A., LUCKHURST, G. R., and PHIPPEN, R. W.: A visual representation for the shapes of flexible mesogenic molecules, 185
- KNEPPE, H., *see* Bock, F.-J.
- KOK, M. Y., VAN DER EST, A. J., and BURNELL, E. E.: Orientational order of biaxial solutes in nematic phases. Size and shape effects, 485
- KORB, J.-P., *see* Chachaty, C.
- KORSHUNOV, V. V., *see* Demikhov, E. I.
- KOSTROMIN, S. G., *see* Freidzon, Ya. S.
- KOSWIG, H. D., *see* Hauck, G.
- KOTHE, G., *see* Mayer, C.
- KUNWAR, A. C., *see* Khetrapal, C. L.
- KYU, T., and MUKHERJEE, P.: Kinetics of phase separation by spinodal decomposition in a liquid-crystalline polymer solution, 631
- LALINDE, E., *see* Bruce, D. W.
- LANGLEY, A. J., *see* Etherington, G.
- LAUPRETRE, F., *see* Monnerie, L.
- LEADBETTER, A. J., *see* Etherington, G.
- LEPORINI, D., *see* Giordano, M.
- LESA, G., *see* Spada, G. P.,
- LEVELUT, A. M., *see* Davidson, P.
- LIESER, G., *see* Lin, Y. G.

- LI SHIJIN, *see* Wang Xuequi
- LIN, Y. G., and WINTER, H. H.: Structural relaxation behaviour of a thermotropic liquid crystal aromatic copolyester in the super-cooled liquid state, 593
- LIN, Y. G., WINTER, H. H., and LIESER, G.: Equibiaxial extension of a thermotropic liquid-crystalline polymer. Flow induced orientation, relaxation of orientation, and strain recovery, 519
- LINDBLOM, G., SJÖLUND, M., and RILFORS, L.: Effect of *n*-alkanes and peptides on the phase equilibria in phosphatidylcholine-water systems, 783
- LOEWENSTEIN, A., and IGNER, D.: Deuterium N.M.R. of the *n*-octyl- β -D-glucopyranoside-solvent liquid-crystalline systems, 143
- LORTKIPANIDZE, G., *see* Skuridin, S.
- LOUNILA, J.: The anisotropic forces acting on the bonds of benzene in liquid crystals, 723
- LOUNILA, J., JOKISAARI, J., and HILTUNEN, Y.: A special method of deformational correction in N.M.R. of molecules dissolved in liquid crystals, 731
- LUCKHURST, G. R., *see* Hogan, J. L.
- LUCKHURST, G. R., *see* Kloczkowski, A.
- LUZ, Z., *see* Zimmermann, H.
- LUZAR, M., *see* Blinc, R.
- MACLEAN, C., *see* Ruessink, B. H.
- MACRI, M. A., *see* Cametti, C.
- MAITLIS, P. M., *see* Bruce, D. W.
- MALIMONENKO, N. V., *see* Belyaev, S. V.
- MALMVIK, A.-C., *see* Wårnheim, T.
- MARAVIGLIA, B., *see* Cametti, C.
- MARCOS, M., ROS, M. B., and SERRANO, J. L.: Mesogenic behaviour of two series of ortho-palladated polar imine derivatives and their organic ligands (II), 1129
- MARCUS, M. A., and FINN, P. L.: Water incorporation into a micellar-lamellar phase (dodecyl maltoside-water), 381
- MARIANI, P., *see* Spada, G. P.
- MARTINELLI, M.: Invited Article. The role of non-linear electron spin resonance spectroscopies. Perspectives in microscopic studies of liquid-crystalline polymers, 977
- MATARESE, A., *see* Tettamanti, E.
- MAYER, C., MÜLLER, K., WEISZ, K., and KOTHE, G.: Deuteron N.M.R. relaxation studies of phospholipid membranes, 797
- MELVILLE, D., *see* Fraser, D. P.
- MIN'KO, A. A., *see* Bezborodov, V. S.
- MITRA, M., PAUL, S., and PAUL, R.: Anomalous density and refractive index variation of a nematic liquid crystal, 123
- MOLDOVAN, R., *see* Frunzã, S.
- MONNERIE, L., LAUPRÊTRE, F., and NOËL, C.: Invited Article. Spectroscopic investigation of local molecular dynamics in liquid crystals. I. Small molecules, 1
- MONNERIE, L., LAUPRÊTRE, F., and NOËL, C.: Invited Article. Spectroscopic investigation of local molecular dynamics in liquid crystals. II. Polymers, 1013
- MOURA-RAMOS, J. J., *see* Attard, G. S.
- MUKHERJEE, P., *see* Kyu, T.
- MÜLLER, K., *see* Mayer, C.
- MYRVOLD, B.: Epitaxial growth alignment of ferroelectric smectic C phases on rubbed polymers, 1255
- NAGABHUSHAN, C., NAIR, G. G., RATNA, B. R., SHASHIDHAR, R., and GOODBY, J. W.: Dielectric studies of the hexatic B-smectic A and crystal B-smectic A transitions, 175
- NAIR, G. G., *see* Nagabhushan, C.
- NAKAGAWA, M.: A molecular theoretical derivation of the Landau free energy of chiral smectic C liquid crystals, 63
- NAKAGAWA, M.: On the anomalous temperature dependence of ferroelectric S_C liquid crystals, 573
- NAUMENKO, V. I., *see* Bezborodov, V. S.
- NGUYEN THOI LAI, BAYLE, J. P., OUVREARD, J. M., and COURTIEU, J.: Two-dimensional N.M.R. in liquid crystal solvents spinning at various angles from the magnetic field, 745

- NIESSEN, L., *see* Böttger, A.
 NIKOLAKOPOULOS, K. J., *see* Photinos, D. J.
 NOACK, F., NOTTER, M., and WEISS, W.: Invited Article. Relaxation dispersion and zero-field spectroscopy of thermotropic and lyotropic liquid crystals by fast field-cycling N.M.R., 907
 NOËL, C., *see* Monnerie, L.
 NOLTE, R. J. M., *see* Warmerdam, T. W.
 NORELAND, E., *see* Wröbel, S.
 NOTTER, M., *see* Noack, F.
- ONUSSEIT, H., *see* Stegemeyer, H.
 OTNES, K., *see* Dąbrowski, R.
 OUVRARD, J. M., *see* Nguyen Thoi Lai
- PALFFY-MUHORAY, P., *see* Bergersen, B.
 PANICHEV, M. I., *see* Bezborodov, V. S.
 PARDI, L., *see* Giordano, M.
 PARTHASARATHY, R., and DUPRÉ, D. B.: Light scattering study of the isotropic-to-blue phase transition in cholesteryl oleyl carbonate (COC) and its mixtures with a nematogen, 1231
 PARTHASARATHY, R., HOUP, D. J., and DUPRÉ D. B.: Chain flexibility and elastic constants of solutions of a polymer liquid crystal, 1073
 PASINI, P., *see* Chiccoli, C.
 PATRIZIO, G., *see* Tettamanti, E.
 PAUL, R., *see* Mitra, M.
 PAUL, S., *see* Mitra, M.
 PAUWELS, H., *see* Cuypers, F.
 PAVEL, J., *see* Glogarová, M.
 PELZL, G., *see* Diele, S.
 PELZL, G., *see* Glogarová, M.
 PÉPY, G., *see* Bata, L.
 PEREZ, F., *see* Bayle, J. P.
 PHIPPEN, R. W., *see* Kloczkowski, A.
 PHOTINOS, D. J., NIKOLAKOPOULOS, K. J., and THEODOROPOULOU, M. A.: N.M.R. study of segmental molecular interactions in liquid crystals, 695
 PIERANSKI, P., and CLADIS, P. E.: Comment. 'Thermodynamic, structural and morphological studies on liquid-crystalline blue phases', by H. Stegemeyer, Th. Blümel, K. Hiltrop, H. Onusseit and F. Porsch, 397
 PIKIN, S. A., and TERENTJEV, E. M.: Low frequency polarization of ferroelectric liquid crystals, 259
 PINHEIRO, T. J. T., *see* Burrows, H. D.
 PISIPATI, V. G. K. M., *see* Rananavare, S. B.
 PLATÉ, N. A., *see* Freidzon, Ya. S.
 PLEINER, H.: Energetics of screw dislocations in smectic A liquid crystals, 249
 PLOMP, L., and BULTHUIS, J.: Probing director fluctuations in nematic solutions by N.M.R. The breakdown of the simple RD + DF model for tolan in nematic Phase V, 927
 POLLMANN, P., and WIEGE, B.: Effect of composition on the pressure-induced re-entrant cholesteric phase behaviour of mixtures of non-polar cholesteryl *n*-alkanoates, 1203
 POLLMANN, P., WIEGE, B., and ROTHERT, A.: Pressure-induced re-entrant cholesteric phase behaviour of non-polar liquid crystals, 225
 POON, C.-D., *see* Fung, B. M.
 POUPKO, R., *see* Zimmermann, H.
 PRINGLE, R. D., *see* Spruce, G.
 PRZEDMOJSKI, J., and GIERLOTKA, S.: On the experimental technique of X-ray diffraction in liquid crystals, 409
 PULKKINEN, A., HILTUNEN, Y., and JOKISAARI, J.: Dimethylmercury in mixtures of thermotropic nematogens, 737
- RAGHOTHAMA, S., *see* Khetrpal, C. L.

- RANANAVARE, S. B., PISIPATI, V. G. K. M., and FREED, J. H.: Invited Article. E.S.R. and D.S.C. investigations of phase transitions in polymorphic 4-*n*-alkoxybenzylidene-4'-*n*-alkylanilines, 957
- RASZEWSKI, Z.: Dielectric studies of binary liquid-crystalline mixtures, 307
- RATNA, B. R., *see* Nagabhushan, C.
- RAUDINO, A.: A theoretical study of micro-domain formation in mixed lipid membranes, 1055
- REEVES, L. W., FERNANDES, M. P. O., and BECERRA, L.: Invited Article. Some N.M.R. experiments using lyotropic nematic liquid crystals, 771
- REYNOLDS, D. J., *see* Holmes, M. C.
- RIBEIRO, A. C., SEBASTIÃO, P. J., and VILFAN, M.: Proton spin lattice relaxation study of a partial bilayer smectic A phase, 937
- RICCO, M., GUIDI, G., DE RENZI, R., and VIGNALI, C.: Measurements of the order parameter by proton N.M.R. on *N*-(4-alkoxybenzylidene)4'-toluidines, 705
- RICHARDSON, R. M., *see* Dunleavy, M.
- RILFORS, L., *see* Lindblom, G.
- RINGSDORF, H., *see* Crivello, J. V.
- ROMANO, S.: Dipolar and dispersion interactions in nematogens. A computer simulation study, 323
- ROMANO, S.: Computer simulation study of a one dimensional plane rotator system with long-range interactions, 1215
- ROS, M. B., *see* Marcos, M.
- ROSTA, L., *see* Bata, L.
- ROTHERT, A., *see* Pollmann, P.
- ROVIELLO, A., SIRIGU, A., IANNELLI, P., and IMMIRZI, A.: Crystal structure of a mesogenic copper(II) square-planar complex. bis[*N*-*p*-(*n*-Hexyloxy)phenyl,*p*-(*n*-heptyloxy)salicylal-diminato] copper(II), 115
- RUSSINK, B. H., BARNHOORN, J. B. S., BULTHUIS, J., and MACLEAN, C.: Electric field N.M.R. of pretransitional effects in liquid crystals. A solute study, 31
- RUPP, W., GROSSMANN, H. P., and STOLL, B.: Measurement of the orientational elastic constants and the twist viscosity of nematic side chain polymers, 583
- SALAMON, Z., and TI TIEN, H.: Bilayer lipid membranes formed from thermotropic liquid crystals, 169
- SAMORI, B., *see* Spada, G. P.
- SANTUCCI, S., *see* Giordano, M.
- SCHADT, M., *see* Frech, C. B.
- SCHADT, M., *see* Kelly, S. M.
- SCHNEIDER, F., *see* Bock, F.-J.
- SEBALD, A., *see* Burrows, H. D.
- SEBASTIÃO, P. J., *see* Ribeiro, A. C.
- SELIGER, J., *see* Blinc, R.
- SERRANO, J. L., *see* Marcos, M.
- SHASHIDHAR, R., *see* Nagabhushan, C.
- SHIBAEV, V. P., *see* Freidzon, Ya. S.
- SINGH, K., SINGH, U. P., and SINGH, S.: Statistical mechanical theory for discotic liquid crystals. Discotic nematic isotropic transition properties, 617
- SINGH, S., *see* Singh, K.
- SINGH, U. P., *see* Singh, K.
- SIRIGU, A., *see* Roviello, A.
- SJÖLUND, M., *see* Lindblom, G.
- SKURIDIN, S., BADAEV, N., DEMBO, A., LORTKIPANIDZE, G., and YEVDOKIMOV, YU.: Two types of temperature induced transitions of poly(I) · poly(C) liquid crystals, 51
- SMITH, G. W., and VAZ, N. A.: The relationship between formation kinetics and microdroplet size of epoxy-based polymer-dispersed liquid crystals, 543
- SOMERTON, C., *see* Dunleavy, M.
- SORIO, P., *see* Cametti, C.
- SPADA, G. P., CARCURO, A., COLONNA, F. P., GARBESI, A., and GOTTARELLI, G.: Lyomesophases formed by the dinucleoside phosphate d(GpG), 651
- SPADA, G. P., GOTTARELLI, G., SAMORI, B., BUSTAMANTE, C. J., and WELLS, K. S.: A study of some lyotropic cholesteric mesophases by circular and linear dichroism and by circular intensity differential scattering, 101

- SPADA, G. P., LESA, G., GOTTARELLI, G., DE MARIA, P., and MARIANI, P.: A study of the enolization of some alkyl ketones in lyomesophases formed by alkylammonium surfactants, 1031
- SPRUCE, G., and PRINGLE, R. D.: Measurement of spontaneous polarization in ferroelectric smectic liquid crystals, 507
- STANNARIUS, R., FRIESER, A., and HÄNSEL, K.: Optical determination of the pitch-dependent diffusion constant in a cholestric liquid crystal, 1137
- STEGEMEYER, H., *see* Blümel, Th.
- STEGEMEYER, H., BLÜMEL, TH., and ONUSSEIT, H.: Reply. Relation between habit and structure of liquid single crystals of blue phases. (Reply to the Comment by P. Pieranski and P. E. Cladis), 399
- STOLL, B., *see* Rupp, W.
- STYRING, P., *see* Bruce, D. W.
- STRZELECKA, H., *see* Davidson, P.
- SURYAPRAKASH, N., *see* Khetrpal, C. L.
- TALROZE, R. V., *see* Freidzon, Ya. S.
- TARRY, H. A., *see* Humphreys, R. G.
- TERENTJEV, E. M., *see* Pikin, S. A.
- TETTAMANTI, E., MATARESE, A., and PATRIZIO, G.: Proton spin lattice relaxation times in biological tissues. Water and lipid role, 847
- THEODOROPOULOU, M. A., *see* Photinos, D. J.
- TILDESLEY, D. J., *see* Fraser, D. P.
- TISTCHENKO, A. M., *see* Chachaty, C.
- TI TIEN, H., *see* Salamon, Z.
- VAIDYA, S. R., *see* Griffin, A. C.
- VAN DER EST, A. J., *see* Hoatson, G. L.
- VAN DER EST, A. J., *see* Kok, M. Y.
- VAN MILTENBURG, J. C., *see* Warmerdam, T. W.
- VAZ, N. A., *see* Smith, G. W.
- VEBER, M., *see* Davidson, P.
- VERHÁS, J.: A liquid crystal model for early cell division, 1183
- VIGNALI, C., *see* Riccò, M.
- VILFAN, I., *see* Žumer, S.
- VILFAN, M., *see* Ribeiro, A. C.
- VILFAN, M., *see* Žumer, S.
- VILLIGER, A., *see* Kelly, S. M.
- VORONOV, V. P., *see* Anisimov, M. A.
- WANG, X. J., *see* Etherington, G.
- WANG XUEQIU, WU HOJUNG, and LI SHIJIN: Synthesis and mesomorphic behaviour of some aromatic polyesters, 1267
- WARMERDAM, T., FRENKEL, D., and ZIJLSTRA, R. J. J.: Observation of a re-entrant isotropic phase in a pure disc-like liquid crystal, 149
- WARMERDAM, T. W., FRENKEL, D., and ZIJLSTRA, R. J. J.: Measurements of the ratio of the Frank constants for splay and bend in nematics consisting of disc-like molecules. 2,3,6,7,10,11-hexakis(*p*-alkoxybenzoyloxy)triphenylenes, 369
- WARMERDAM, T. W., FRENKEL, D., and ZIJLSTRA, R. J. J.: Dynamics of the Frederiks transition in nematics consisting of disc-like molecules. Thermal dependence of a bend viscosity coefficient, 1105
- WARMERDAM, T. W., NOLTE, R. J. M., DRENTH, W., VAN MILTENBURG, J. C., FRENKEL, D., and ZIJLSTRA, R. J. J.: Discotic liquid crystals. Physical parameters of some 2,3,7,8,12,13-hexa(alkanoxyloxy)truxenes. Observation of a re-entrant isotropic phase in a pure disc-like mesogen, 1087
- WÄRNHEIM, T., HENRIKSSON, U., MALMVIK, A.-C., and BERGENSTÅHL, B.: Alkyl chain order in a lamellar lyotropic liquid crystal with varying surface charge density, 791
- WAŻYŃSKA, B.: Binary mixtures of smectic A₁s with abnormal behaviour, 85
- WEBER, R., and HOFFMANN, H.: Order parameters of dye molecules in lyotropic nematic mesophases, 203

- WEISS, W., *see* Noack, F.
WEISZ, K., *see* Mayer, C.
WEISSFLOG, W., and DEMUS, D.: Liquid-crystalline compounds with lateral aromatic branches, 275
WEISSFLOG, W., *see* Diele, S.
WELLS, K. S., *see* Spada, G. P.
WIEGE, B., *see* Pollmann, P.
WILLIAMS, G., *see* Attard, G. S.
WINTER, H. H., *see* Lin, Y. G.
WRÓBEL, S., GESTBLOM, B., NORELAND, E., and DOANE, J. W.: Dielectric relaxation of water molecules in different lyotropic structures of nonylphenoxy poly(ethylenoxy)ethanol (Ark. 9), 825
WU HOJUNG, *see* Wang Xueqi
- YEVDOKIMOV, YU., *see* Skuridin, S.
- ZANNONI, C., *see* Chiccoli, C.
ZENTEL, R.: Untwisting of the helical superstructure in the cholesteric and chiral smectic C* phases of cross-linked liquid-crystalline polymers by strain, 531
ZHELIASKOVA, A., and DERZHANSKI, A.: Molecular mobility and N.M.R. relaxation in the binary system. Triton X 114-water, 833
ZIJLSTRA, R. J. J., *see* Böttger, A.
ZIJLSTRA, R. J. J., *see* Warmerdam, T.
ZIMMERMANN, H., POUPKO, R., LUZ, Z., and BILLARD, J.: Tetrabenzocyclododecatetraene. A new core for mesogens exhibiting columnar mesophases, 759
ŽUMER, S., VILFAN, M., and VILFAN, I.: Confinement of a liquid crystal to small droplets and its effect on nuclear magnetic relaxation, 947