Patrick Davidson

List of Publications by Year
in descending order

162	7,422	43973 48	64668 79
papers	citations	h-index	g-index

165	165	165	6513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lyotropic Liquid-Crystalline Phases of Sophorolipid Biosurfactants. Langmuir, 2022, 38, 8564-8574.	1.6	5
2	Goldâ€“clay nanocomposite colloids with liquid-crystalline and plasmonic properties. Chemical Communications, 2021, 57, 10359-10362.	2.2	0
3	Fine tuning the structural colours of photonic nanosheet suspensions by polymer doping. Soft Matter, 2021, 17, 9280-9292.	1.2	6
4	FrÃ©edericksz-Like Transition in a Biaxial Smectic- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math> Phase. Physical Review X, 2021, 11, .	2.8	5
5	Destabilization of the Nematic Phase of Clay Nanosheet Suspensions by Polymer Adsorption. Langmuir, 2020, 36, 12563-12571.	1.6	3
6	Biaxiality-driven twist-bend to splay-bend nematic phase transition induced by an electric field. Science Advances, 2020, 6, .	4.7	23
7	Probing permanent dipoles in CdSe nanoplatelets with transient electric birefringence. Nanoscale, 2020, 12, 11040-11054.	2.8	7
8	Liquid-Crystalline Suspensions of Photosensitive Paramagnetic CeF₃ Nanodiscs. Langmuir, 2019, 35, 16256-16265.	1.6	7
9	Liquid Crystalline Order and Electric Switching of Upconversion Luminescence in Colloidal Nanorod Suspensions. Advanced Optical Materials, 2019, 7, 1900041.	3.6	10
10	Optical and X-ray scattering studies of the electric field-induced orientational order in colloidal suspensions of pigment nanorods. Journal of Molecular Liquids, 2018, 267, 286-296.	2.3	4
11	Swelling Inhibition of Liquid Crystalline Colloidal Montmorillonite and Beidellite Clays by DNA. Scientific Reports, 2018, 8, 4367.	1.6	13
12	Isotropic, nematic, and lamellar phases in colloidal suspensions of nanosheets. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6662-6667.	3.3	67
13	Optical filter based on Fabry-Perot structure using a colloidal suspension of goethite ([alpha]-FeOOH) nanorods as electro-optic material. , 2018, , .		1
14	Ligand-induced twisting of nanoplatelets and their self-assembly into chiral ribbons. Science Advances, 2017, 3, e1701483.	4.7	80
15	Electric-field-induced shape transition of nematic tactoids. Physical Review E, 2017, 96, 022706.	0.8	18
16	Dispersions of Goethite Nanorods in Aprotic Polar Solvents. Materials, 2017, 10, 1191.	1.3	5
17	CdSe Nanoplatelets: Living Polymers. Angewandte Chemie, 2016, 128, 9517-9520.	1.6	7
18	CdSe Nanoplatelets: Living Polymers. Angewandte Chemie - International Edition, 2016, 55, 9371-9374.	7.2	26

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19	Light-induced Soret effect and adsorption of nanocrystals in organic solvents. European Physical Journal E, 2016, 39, 38.	0.7	1
20	Stability criteria for aqueous colloidal vanadium pentoxide suspensions doped with magnetite nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 774-781.	2.3	3
21	Solution self-assembly of plasmonic Janus nanoparticles. Soft Matter, 2016, 12, 9666-9673.	1.2	16
22	A liquid-crystalline hexagonal columnar phase in highly-dilute suspensions of imogolite nanotubes. Nature Communications, 2016, 7, 10271.	5.8	105
23	Roomâ€Temperature, Strainâ€Tunable Orientation of Magnetization in a Hybrid Ferromagnetic Co Nanorodâ€“Liquid Crystalline Elastomer Nanocomposite. Angewandte Chemie - International Edition, 2015, 54, 10811-10815.	7.2	5
24	Strain-controlled fluorescence polarization in a CdSe nanoplateletâ€“block copolymer composite. Chemical Communications, 2015, 51, 4051-4054.	2.2	20
25	Stable Freestanding Thin Films of Copolymer Melts Far from the Glass Transition. ACS Macro Letters, 2015, 4, 1144-1148.	2.3	2
26	Stacking and Colloidal Stability of CdSe Nanoplatelets. Langmuir, 2015, 31, 10532-10539.	1.6	56
27	Dynamic and Permanent Gratings in Suspensions of Absorbing Nanocrystals in Organic Solvent. Photonics Letters of Poland, 2015, 7, .	0.2	0
28	Interplay of anisotropy in shape and interactions in charged platelet suspensions. Journal of Chemical Physics, 2014, 141, 224510.	1.2	15
29	A two-dimensional nematic phase of magnetic nanorods. Journal of Chemical Physics, 2014, 140, 104904.	1.2	22
30	Lamellar L_{Î±} Mesophases Doped with Inorganic Nanoparticles. ChemPhysChem, 2014, 15, 1270-1282.	1.0	14
31	Self-Assembly of CdSe Nanoplatelets into Giant Micrometer-Scale Needles Emitting Polarized Light. Nano Letters, 2014, 14, 710-715.	4.5	153
32	Liquid Crystalline Polymerâ€“Co Nanorod Hybrids: Structural Analysis and Response to a Magnetic Field. Journal of Physical Chemistry B, 2014, 118, 3218-3225.	1.2	16
33	Infrared dichroism of gold nanorods controlled using a magnetically addressable mesophase. Journal of Materials Chemistry C, 2014, 2, 5087.	2.7	2
34	Hybrid Nanocomposites with Tunable Alignment of the Magnetic Nanorod Filler. ACS Applied Materials & Interfaces, 2014, 6, 1583-1588.	4.0	8
35	Morphology of gold nanoparticles determined by full-curve fitting of the light absorption spectrum. Comparison with X-ray scattering and electron microscopy data. Nanoscale, 2014, 6, 13527-13534.	2.8	15
36	Effects of Added Silica Nanoparticles on the Nematic Liquid Crystal Phase Formation in Beidellite Suspensions. Journal of Physical Chemistry B, 2014, 118, 4913-4919.	1.2	38

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37	Charge Transport in Nanostructured PSâ€“PEOâ€“PS Triblock Copolymer Electrolytes. Macromolecules, 2014, 47, 2659-2665.	2.2	112
38	Effect of Interfaces on the Melting of PEO Confined in Triblock PS-b-PEO-b-PS Copolymers. Langmuir, 2013, 29, 10874-10880.	1.6	36
39	On phase behavior and dynamical signatures of charged colloidal platelets. Scientific Reports, 2013, 3, 3559.	1.6	21
40	Liquidâ€“crystalline properties of aqueous suspensions of natural clay nanosheets. Liquid Crystals Reviews, 2013, 1, 110-126.	1.1	49
41	Single-step formation of micron long (OH)3Al2O3Ge(OH) imogolite-like nanotubes. Chemical Communications, 2013, 49, 11284.	2.2	57
42	Strong orientational coupling in two-component suspensions of rod-like nanoparticles. Soft Matter, 2013, 9, 5061.	1.2	26
43	Electric-Field Alignment of Chitin Nanorodâ€“Siloxane Oligomer Reactive Suspensions. Langmuir, 2013, 29, 8208-8212.	1.6	30
44	Isotropic/nematic and sol/gel transitions in aqueous suspensions of size selected nontronite NAu1. Clay Minerals, 2013, 48, 663-685.	0.2	15
45	Tailoring Highly Oriented and Micropatterned Clay/Polymer Nanocomposites by Applying an a.c. Electric Field. ACS Applied Materials & Interfaces, 2012, 4, 4296-4301.	4.0	32
46	Aqueous Suspensions of GdPO4 Nanorods: A Paramagnetic Mineral Liquid Crystal. Journal of Physical Chemistry B, 2012, 116, 7590-7595.	1.2	14
47	In-situ SAXS Study of Aqueous Clay Suspensions Submitted to Alternating Current Electric Fields. Journal of Physical Chemistry B, 2012, 116, 13516-13524.	1.2	32
48	The interaction of charged nanoparticles at interfaces. Europhysics Letters, 2012, 100, 18002.	0.7	4
49	Liquid crystal based on hybrid zinc oxide nanoparticles. Journal of Materials Chemistry, 2011, 21, 6821.	6.7	32
50	Probing magnetic interactions in columnar phases of a paramagnetic gold dithiolene complex. Journal of Materials Chemistry, 2011, 21, 1416-1422.	6.7	33
51	Electric-Field-Induced Perfect Anti-Nematic Order in Isotropic Aqueous Suspensions of a Natural Beidellite Clay. Journal of Physical Chemistry B, 2011, 115, 7751-7765.	1.2	92
52	Facile direct synthesis of ZnO nanoparticles within lyotropic liquid crystals: towards organized hybrid materials. Journal of Materials Chemistry, 2011, 21, 18191.	6.7	30
53	Aqueous Suspensions of Natural Swelling Clay Minerals. 1. Structure and Electrostatic Interactions. Langmuir, 2011, 27, 5562-5573.	1.6	108
54	Rheological behaviour of polyoxometalate-doped lyotropic lamellar phases. European Physical Journal E, 2011, 34, 4.	0.7	14

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55	Magnetic-field-induced nematicâ€“nematic phase separation and droplet formation in colloidal goethite. Journal of Physics Condensed Matter, 2011, 23, 194108.	0.7	11
56	Functionalized ordered nanoporous polymeric materials: From the synthesis of diblock copolymers to their nanostructuration and their selective degradation. Microporous and Mesoporous Materials, 2011, 140, 34-39.	2.2	32
57	Rheo-SAXS investigation of shear-thinning behaviour of very anisometric repulsive disc-like clay suspensions. Journal of Physics Condensed Matter, 2011, 23, 194112.	0.7	31
58	Slow dynamics of a colloidal lamellar phase. Journal of Chemical Physics, 2010, 133, 224902.	1.2	6
59	RheoSAXS studies of anisotropic complex fluids under shear. Journal of Physics: Conference Series, 2010, 247, 012052.	0.3	6
60	Vanadium pentoxide gels: From â€œchimie douceâ€• to â€œmatiÃ¨re molleâ€• Comptes Rendus Chimie, 2010, 13, 142-153.	0.2	28
61	An effective geometrical approach to the structure of colloidal suspensions of very anisometric particles. Europhysics Letters, 2010, 90, 36005.	0.7	27
62	The isotropic-nematic interface of colloidal goethite in an external magnetic field. Journal of Chemical Physics, 2010, 133, 164504.	1.2	10
63	Communications: Short-range dynamics of a nematic liquid-crystalline phase. Journal of Chemical Physics, 2010, 132, 091101.	1.2	10
64	Probing the Anions Mediated Associative Behavior of Tin-12 Oxo-Macrocations by Pulsed Field Gradient NMR Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 16087-16091.	1.5	22
65	Evidence for Photoconductivity Anisotropy in Aligned TiO₂ Nanorod Films. Journal of Physical Chemistry C, 2010, 114, 19799-19802.	1.5	11
66	Power law rheology and strain-induced yielding in acidic solutions of type I-collagen. Soft Matter, 2010, 6, 3769.	1.2	46
67	Self-Assembled Collagenâ^'Apatite Matrix with Bone-like Hierarchy. Chemistry of Materials, 2010, 22, 3307-3309.	3.2	81
68	Lyotropic Lamellar Phase Doped with a Nematic Phase of Magnetic Nanorods. Langmuir, 2010, 26, 4586-4589.	1.6	23
69	Orientational Order of Colloidal Disk-Shaped Particles under Shear-Flow Conditions: a Rheologicalâ^'Small-Angle X-ray Scattering Study. Journal of Physical Chemistry B, 2010, 114, 16347-16355.	1.2	34
70	A PGSE-NMR Study of Molecular Self-Diffusion in Lamellar Phases Doped with Polyoxometalates. Journal of Physical Chemistry B, 2010, 114, 220-227.	1.2	17
71	Novel Functional Mesoporous Materials Obtained from Nanostructured Diblock Copolymers. Macromolecular Symposia, 2010, 287, 127-134.	0.4	19
72	Solâ^'Gel and Isotropic/Nematic Transitions in Aqueous Suspensions of Natural Nontronite Clay. Influence of Particle Anisotropy. 2. Gel Structure and Mechanical Properties. Langmuir, 2009, 25, 127-139.	1.6	83

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73	Liquid-Crystalline Nematic Phase in Aqueous Suspensions of a Disk-Shaped Natural Beidellite Clay. Journal of Physical Chemistry B, 2009, 113, 15858-15869.	1.2	124
74	Fibrillogenesis in Dense Collagen Solutions: A Physicochemical Study. Journal of Molecular Biology, 2008, 376, 1509-1522.	2.0	152
75	Sol/Gel and Isotropic/Nematic Transitions in Aqueous Suspensions of Natural Nontronite Clay. Influence of Particle Anisotropy. 1. Features of the I/N Transition. Langmuir, 2008, 24, 3127-3139.	1.6	84
76	Magnetic Nanorods Confined in a Lamellar Lyotropic Phase. Langmuir, 2008, 24, 8205-8209.	1.6	34
77	Photochromic Hybrid Organicâ^'Inorganic Liquid-Crystalline Materials Built from Nonionic Surfactants and Polyoxometalates: Elaboration and Structural Study. Langmuir, 2008, 24, 6285-6291.	1.6	42
78	Investigation of anisotropic epoxyâ€“amine thermosets synthesised in a magnetic field. Liquid Crystals, 2008, 35, 913-924.	0.9	23
79	Intermittent Brownian dynamics over a rigid strand: Heavily tailed relocation statistics in a simple geometry. Physical Review E, 2008, 78, 030102.	0.8	47
80	Influence of a magnetic field on the nematic phase of hard colloidal platelets. Physical Review E, 2008, 77, 031708.	0.8	55
81	Repulsion Between Inorganic Particles Inserted Within Surfactant Bilayers. Physical Review Letters, 2008, 101, 098101.	2.9	21
82	Cooperative Ordering of Collagen Triple Helices in the Dense State. Langmuir, 2007, 23, 6411-6417.	1.6	63
83	Design of Liquid-Crystalline Aqueous Suspensions of Rutile Nanorods:Â Evidence of Anisotropic Photocatalytic Properties. Journal of the American Chemical Society, 2007, 129, 5904-5909.	6.6	83
84	Tuning the Thermotropic and Lyotropic Properties of Liquid-Crystalline Terpyridine Ligands. Chemistry - A European Journal, 2006, 12, 4261-4274.	1.7	41
85	Synthesis of Single-Crystalline Platinum Nanorods within a Soft Crystalline Surfactant-PtIIComplex. ChemPhysChem, 2006, 7, 1510-1513.	1.0	63
86	Smectic Liquid-Crystalline Order in Suspensions of Highly Polydisperse Goethite Nanorods. Advanced Materials, 2006, 18, 2565-2568.	11.1	99
87	Liquid-crystalline aqueous clay suspensions. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16101-16104.	3.3	223
88	Magnetic-field-induced orientational order in the isotropic phase of hard colloidal platelets. Physical Review E, 2006, 73, 041402.	0.8	84
89	Self-Assemblies of Anisotropic Nanoparticles: Mineral Liquid Crystals. , 2006, , 173-212.		2
90	Gelation of a Liquid-Crystalline LÎ± Phase Induced by the Proliferation of Topological Defects. , 2006, , 743-769.		0

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91	Mineral liquid crystals. Current Opinion in Colloid and Interface Science, 2005, 9, 377-383.	3.4	170
92	The complex phase behaviour of suspensions of goethite (Î±-FeOOH) nanorods in a magnetic field. Faraday Discussions, 2005, 128, 271-283.	1.6	55
93	A Rheological and SAXS Study of the Lamellar Order in a Side-on Liquid Crystalline Block Copolymer. Macromolecules, 2005, 38, 10736-10742.	2.2	9
94	The Interplay between Viscoelastic and Thermodynamic Properties Determines the Birefringence of F-Actin Gels. Biophysical Journal, 2005, 89, 543-553.	0.2	36
95	Magnetic-Field-Induced Nematic-Columnar Phase Transition in Aqueous Suspensions of Goethite (Î±â^'FeOOH) Nanorods. Physical Review Letters, 2004, 93, 267801.	2.9	52
96	Physical properties of aqueous suspensions of goethite ($alpha$ -FeOOH) nanorods. European Physical Journal E, 2004, 13, 291-308.	0.7	94
97	Physical properties of aqueous suspensions of goethite ($alpha$ -FeOOH) nanorods. European Physical Journal E, 2004, 13, 309-319.	0.7	62
98	Structure and shear orientation of a side chain liquid crystal polymer studied by small angle X-ray scattering. Liquid Crystals, 2004, 31, 663-670.	0.9	3
99	Structure and Chirality of the Nematic Phase in Î±-Chitin Suspensions. Journal of Physical Chemistry B, 2004, 108, 14991-15000.	1.2	109
100	Aqueous Cholesteric Liquid Crystals Using Uncharged Rodlike Polypeptides. Journal of the American Chemical Society, 2004, 126, 9101-9105.	6.6	38
101	Mesostructured Silica/Block Copolymer Composites as Hosts for Optically Limiting Tetraphenylporphyrin Dye Molecules. Journal of Physical Chemistry B, 2004, 108, 11909-11914.	1.2	29
102	Combined SAXSâ^'Rheological Studies of Liquid-Crystalline Colloidal Dispersions of Mineral Particles. Langmuir, 2003, 19, 10028-10035.	1.6	29
103	Mineral Liquid Crystals from Self-Assembly of Anisotropic Nanosystems. Topics in Current Chemistry, 2003, , 119-172.	4.0	85
104	Outstanding Magnetic Properties of Nematic Suspensions of Goethite (Î±-FeOOH) Nanorods. Physical Review Letters, 2002, 88, 125507.	2.9	162
105	The measurement by SAXS of the nematic order parameter of laponite gels. Europhysics Letters, 2002, 59, 55-61.	0.7	98
106	Original Single Walled Nanotubules Based on Weakly Interacting Covalent Mineral Polymers,1â^ž[Nb2PS10-] inN-Methylformamide. Nano Letters, 2002, 2, 403-407.	4.5	16
107	The bridging conformations of double-end anchored polymer-surfactants destabilize a hydrogel of lipid membranes. Journal of Chemical Physics, 2001, 115, 6252-6257.	1.2	11
108	Connectivity of the Hexagonal, Cubic, and Isotropic Phases of the C12EO6/H2O Lyotropic Mixture Investigated by Tracer Diffusion and X-ray Scattering. Journal of Physical Chemistry B, 2001, 105, 668-673.	1.2	34

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109	Fast and Easy Flow-Alignment Technique of Lyotropic Liquid-Crystalline Hexagonal Phases of Block Copolymers and Surfactants. Macromolecules, 2001, 34, 3503-3506.	2.2	8
110	Macroscopic Shear Alignment of Bulk Transparent Mesostructured Silica. Journal of the American Chemical Society, 2001, 123, 1240-1241.	6.6	79
111	Swollen liquid-crystalline lamellar phase based on extended solid-like sheets. Nature, 2001, 413, 504-508.	13.7	256
112	Vanadium Pentoxide Sol and Gel Mesophases. Journal of Sol-Gel Science and Technology, 2000, 19, 275-278.	1.1	35
113	Monolithic Mesophase Silica with Large Ordering Domains. Journal of the American Chemical Society, 2000, 122, 823-829.	6.6	153
114	Influence of the nematic order on the rheology and conformation of stretched comb-like liquid crystalline polymers. European Physical Journal E, 2000, 1, 301.	0.7	4
115	Existence of a Microporous Corona around the Mesopores of Silica-Based SBA-15 Materials Templated by Triblock Copolymers. Journal of the American Chemical Society, 2000, 122, 11925-11933.	6.6	578
116	A Detailed Study of the Synthesis of Aqueous Vanadium Pentoxide Nematic Gels. Langmuir, 2000, 16, 5295-5303.	1.6	70
117	The effect of attractive interactions on the nematic order of V 2 O 5 gels. Europhysics Letters, 1999, 48, 53-59.	0.7	48
118	Shear-induced layer alignment in the smectic phase of a side chain liquid crystal polymer. Polymer, 1999, 40, 3599-3603.	1.8	16
119	An X-ray scattering study of flow-aligned samples of a lyotropic liquid-crystalline hexagonal phase. European Physical Journal B, 1999, 9, 93-104.	0.6	36
120	A biaxial nematic gel phase in aqueous vanadium pentoxide suspensions. European Physical Journal B, 1999, 12, 541-546.	0.6	29
121	Deuterium Nuclear Magnetic Resonance Study of the Nematic Phase of Vanadium Pentoxide Aqueous Suspensions. Journal of Physical Chemistry B, 1999, 103, 5427-5433.	1.2	23
122	Selected Topics in X-Ray Scattering by Liquid-Crystalline Polymers. Structure and Bonding, 1999, , 1-39.	1.0	4
123	Solâ€“gel synthesis of oxide materials11Paper presented at Sympos. Synergistic Synthesis of Inorganic Materials, March 1996, SchloÃŸ Ringberg, Germany.. Acta Materialia, 1998, 46, 743-750.	3.8	90
124	Synthesis and Phase Behavior of New Amphiphilic PEG-Based Triblock Copolymers as Gelling Agents for Lamellar Liquid Crystalline Phases. Macromolecules, 1998, 31, 8503-8508.	2.2	19
125	The Influence of Polymer Molecular Weight in Lamellar Gels Based on PEG-Lipids. Biophysical Journal, 1998, 75, 272-293.	0.2	58
126	Shear-induced orientation of the body-centered-cubic phase in a diblock copolymer gel. Physical Review E, 1998, 58, 7620-7628.	0.8	42

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127	Lamellar biogels comprising fluid membranes with a newly synthesized class of polyethylene glycol-surfactants. Journal of Chemical Physics, 1997, 107, 3707-3722.	1.2	31
128	Mineral liquid crystalline polymers. Progress in Polymer Science, 1997, 22, 913-936.	11.8	67
129	Optical Properties of Sol-Gel Derived Vanadium Oxide Films. Journal of Sol-Gel Science and Technology, 1997, 8, 857-865.	1.1	1
130	A Small-Angle X-ray Scattering Study of the Lyotropic Nematic Phase of Vanadium Pentoxide Gels. Journal of Applied Crystallography, 1997, 30, 727-732.	1.9	4
131	Orientation of liquid-crystalline suspensions of vanadium pentoxide ribbons by a magnetic field. Advanced Materials, 1997, 9, 900-903.	11.1	57
132	Observation of Nematic Liquid-Crystal Textures in Aqueous Gels of Smectite Clays. The Journal of Physical Chemistry, 1996, 100, 11139-11143.	2.9	252
133	Lamellar Biogels: Fluid-Membrane-Based Hydrogels Containing Polymer Lipids. Science, 1996, 271, 969-973.	6.0	167
134	X-ray diffraction by liquid crystalline side-chain polymers. Progress in Polymer Science, 1996, 21, 893-950.	11.8	65
135	Structure under confinement in a smectic-A and lyotropic surfactant hexagonal phase. Physica B: Condensed Matter, 1996, 221, 289-295.	1.3	14
136	Diffuse X-ray Scattering from Freely Suspended Strands of a Discotic Liquid Crystal. Journal De Physique II, 1995, 5, 249-262.	0.9	11
137	Side-chain liquid crystal polymers. A study by neutron diffraction of the backbone distribution profile in the smectic A phase. Liquid Crystals, 1994, 16, 1081-1092.	0.9	33
138	Nematic colloidal suspensions of V₂O₅in waterâ€"or Zocher phases revisited. Liquid Crystals, 1994, 16, 905-910.	0.9	50
139	Nematic liquid crystalline mineral polymers. Advanced Materials, 1993, 5, 665-668.	11.1	25
140	X-ray and magnetic characterization of a nematic polyester based on a metallomesogenic copper(II) moiety. Macromolecules, 1993, 26, 4304-4309.	2.2	27
141	Two unusual mesophases in chiral side chain polymers. Liquid Crystals, 1993, 14, 901-910.	0.9	16
142	A New Nematic Suspension Based on All-Inorganic Polymer Rods. Europhysics Letters, 1993, 21, 317-322.	0.7	47
143	Observation of hairpin defects in a nematic main-chain polyester. Physical Review Letters, 1993, 70, 2297-2300.	2.9	67
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145	Invited Article. X-ray diffraction by mesomorphic comb-like polymers. Liquid Crystals, 1992, 11, 469-517.	0.9	127
146	Neutron scattering study and discussion of the backbone conformation in the nematic phase of a side chain polymer. Liquid Crystals, 1991, 10, 111-118.	0.9	32
147	A complementary structural study of 4-n-nonyl-4â€³-cyanoterphenyl. Liquid Crystals, 1990, 8, 153-161.	0.9	3
148	Nematic-nematic modification in side-on-fixed polysiloxanes. Liquid Crystals, 1990, 8, 565-575.	0.9	46
149	Non-symmetrical dithiolium salts Mesomorphic properties. Liquid Crystals, 1990, 8, 775-785.	0.9	14
150	Preparation, structure, and magnetic properties of a ternary tetrathiafulvalenium salt based on a paramagnetic hexanuclear niobium cluster halide: (TTF+)2[(Nb6Cl18)3-][(C2H5)4N+][CH3CN], a unique molecular rock salt with channels incorporating a neutral organic molecule. Chemistry of Materials, 1990, 2, 117-123.	3.2	23
151	Mesomorphic properties of short chains substituted heteroaromatic salts. Journal De Physique, 1990, 51, 1283-1301.	1.8	35
152	Liquid-crystalline side chain polymers containing a chiral spacer unit exhibiting chiral smectic phases. Liquid Crystals, 1989, 5, 1297-1306.	0.9	17
153	X-ray diffraction study of the smectic A phases of some side-chain polysiloxanes. Liquid Crystals, 1989, 4, 561-571.	0.9	56
154	Mesomorphic side chain polysiloxanes : a structural study of the smectic B phase. Journal De Physique, 1989, 50, 2415-2430.	1.8	10
155	Premiers Exemples De Sels Heteroaromatiques A Quatre Chaines Paraffiniques Possedant Des Proprietes Mesomorphes Colonnaires. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1988, 161, 403-411.	0.3	12
156	Nouveaux Cristaux Liquides Colonnaires: Cations Heteroaromatiques Avec Six Chaines Alcoxy. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1988, 161, 395-401.	0.3	9
157	Synthesis and X-ray study of new columnar heteroaromatic salts. Liquid Crystals, 1988, 3, 133-137.	0.9	21
158	Synthesis, Characterization and X-Ray Diffraction Studies of a New Homologous Series of Cyano-Substituted Mesomorphic Side Chain Polyacrylates. Liquid Crystals, 1988, 3, 1583-1595.	0.9	20
159	Backbone conformation study of a side chain polyacrylate through a re-entrant polymorphism. Journal De Physique, 1988, 49, 1993-1999.	1.8	37
160	Evidence by X-ray scattering of defects in the lamellar stacking of the SmA phase of a side-chain polymer. Journal De Physique, 1988, 49, 689-695.	1.8	16
161	Molecular organization in side chain liquid crystalline polymers. Journal De Physique, 1985, 46, 939-946.	1.8	86
162	Smectic-like bÃ¢tonnets in nematic/twist-bend nematic biphasic samples. Liquid Crystals, 0, , 1-12.	0.9	8