

# Oriano Francescangeli

## List of Publications by Year in descending order

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168  
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times ranked

2629  
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#	ARTICLE	IF	CITATIONS
1	Nanoscale Structure of Langmuir-Blodgett Film of Bent-Core Molecules. <i>Nanomaterials</i> , 2022, 12, 2285.	4.1	1
2	Cubic and Hexagonal Mesophases for Protein Encapsulation: Structural Effects of Insulin Confinement. <i>Langmuir</i> , 2021, 37, 10166-10176.	3.5	7
3	Biaxial ordering in the supercooled nematic phase of bent-core mesogens: effects of molecular symmetry and outer wing lateral groups. <i>Liquid Crystals</i> , 2020, 47, 1986-1998.	2.2	8
4	Liquid crystal thermosets. A new class of high-performance materials. <i>Liquid Crystals</i> , 2020, 47, 2016-2026.	2.2	6
5	Synchrotron Characterization of Hexagonal and Cubic Lipidic Phases Loaded with Azolate/Phosphane Gold(I) Compounds: A New Approach to the Uploading of Gold(I)-Based Drugs. <i>Nanomaterials</i> , 2020, 10, 1851.	4.1	7
6	Nanostructure of Unconventional Liquid Crystals Investigated by Synchrotron Radiation. <i>Nanomaterials</i> , 2020, 10, 1679.	4.1	4
7	Comparative <sup>2</sup> H NMR and X-Ray Diffraction Investigation of a Bent-Core Liquid Crystal Showing a Nematic Phase. <i>Crystals</i> , 2020, 10, 284.	2.2	6
8	Strong graphene oxide nanocomposites from aqueous hybrid liquid crystals. <i>Nature Communications</i> , 2020, 11, 830.	12.8	30
9	Effects of a cationic surfactant incorporation in phytantriol bulk cubic phases and dispersions loaded with the anticancer drug 5-fluorouracil. <i>Journal of Molecular Liquids</i> , 2019, 286, 110954.	4.9	15
10	Physics of Matter: From the Nanoscale Structure to the Macroscopic Properties of Materials. , 2019, , 207-221.		0
11	Polar order in bent-core nematics: An overview. <i>Journal of Molecular Liquids</i> , 2018, 267, 564-573.	4.9	21
12	Lyotropic Liquid-Crystalline Nanosystems as Drug Delivery Agents for 5-Fluorouracil: Structure and Cytotoxicity. <i>Langmuir</i> , 2017, 33, 12369-12378.	3.5	56
13	Elliptical Small-Angle X-Ray Scattering Patterns from Aligned Lamellar Arrays. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 308-318.	2.1	11
14	Micrometer-Scale Ordering of Silicon-Containing Block Copolymer Thin Films via High-Temperature Thermal Treatments. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 9897-9908.	8.0	19
15	Search for microscopic and macroscopic biaxiality in the cybotactic nematic phase of new oxadiazole bent-core mesogens. <i>Physical Review E</i> , 2016, 93, 062701.	2.1	32
16	Molecular ordering in the high-temperature nematic phase of an all-aromatic liquid crystal. <i>Soft Matter</i> , 2016, 12, 2309-2314.	2.7	10
17	Optical measurement of flow rate in a microfluidic channel. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	18
18	Insights into Biaxial Ordering of Bent-Core Nematics: X-Ray Diffraction Evidence. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 611, 171-179.	0.9	8

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19	Optical nonlinearity in the nematic phase of bent-core mesogens. <i>Optics Letters</i> , 2015, 40, 2953.	3.3	5
20	The effects of lateral halogen substituents on the low-temperature cybotactic nematic phase in oxadiazole based bent-core liquid crystals. <i>Liquid Crystals</i> , 2015, 42, 1754-1764.	2.2	21
21	Thermally induced self-assembly of cylindrical nanodomains in low molecular weight PS- <i>b</i> -PMMA thin films. <i>Nanotechnology</i> , 2014, 25, 045301.	2.6	31
22	Evidence of Cybotactic Order in the Nematic Phase of a Main-Chain Liquid Crystal Polymer with Bent-Core Repeat Unit. <i>ACS Macro Letters</i> , 2014, 3, 91-95.	4.8	29
23	The cybotactic nematic phase of bent-core mesogens: state of the art and future developments. <i>Soft Matter</i> , 2014, 10, 7685-7691.	2.7	64
24	Evidence of Biaxial Order in the Cybotactic Nematic Phase of Bent-Core Mesogens. <i>Chemistry of Materials</i> , 2014, 26, 4671-4674.	6.7	37
25	Fine Tuning of Lithographic Masks through Thin Films of PS- <i>b</i> -PMMA with Different Molar Mass by Rapid Thermal Processing. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 7180-7188.	8.0	64
26	The biaxial nematic phase of oxadiazole biphenol mesogens. <i>Liquid Crystals</i> , 2013, 40, 1655-1677.	2.2	36
27	Electric field effect on the phase diagram of a bent-core liquid crystal. <i>Soft Matter</i> , 2013, 9, 6475.	2.7	29
28	An X-ray diffraction study of complexes of DNA and lactosyl-functionalised liposomes induced by bivalent metal cations: coexistence of different symmetries. <i>Liquid Crystals</i> , 2013, 40, 137-148.	2.2	3
29	Extraordinary Field Sensitivity of Bent-Core Cybotactic Nematics. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 573, 46-53.	0.9	9
30	Uniaxial to biaxial nematic phase transition in a bent-core thermotropic liquid crystal by polarising microscopy. <i>Liquid Crystals</i> , 2012, 39, 19-23.	2.2	60
31	Low nematic onset temperatures and room temperature cybotactic behavior in 1,3,4-oxadiazole-based bent-core mesogens possessing lateral methyl groups. <i>Journal of Materials Chemistry</i> , 2012, 22, 22558.	6.7	49
32	Laser emission based on first order reflection by novel composite polymeric gratings. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2012, 10, 140-145.	2.0	14
33	Cybotaxis dominates the nematic phase of bent-core mesogens: a small-angle diffuse X-ray diffraction study. <i>Soft Matter</i> , 2011, 7, 895-901.	2.7	100
34	Can Neutral Liposomes be Considered as Genetic Material Carriers for Human Gene Therapy?. <i>Mini-Reviews in Organic Chemistry</i> , 2011, 8, 38-48.	1.3	10
35	Extraordinary Magnetic Field Effect in Bent-Core Liquid Crystals. <i>Physical Review Letters</i> , 2011, 107, 207801.	7.8	62
36	RECENT DEVELOPMENTS IN NEMATOGENIC BENT-CORE MESOGENS: AN X-RAY DIFFRACTION PERSPECTIVE. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2011, 20, 485-499.	1.8	4

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37	Insights into the cybotactic nematic phase of bent-core molecules. <i>Soft Matter</i> , 2010, 6, 2413.	2.7	149
38	Ferroelectric Response and Induced Biaxiality in the Nematic Phase of Bent-Core Mesogens. <i>Advanced Functional Materials</i> , 2009, 19, 2592-2600.	14.9	187
39	12-Crown-4-based amphipathic lipid and corresponding metal cation complexes for gene therapy applications: FT-IR characterization and surface charge determination. <i>Journal of Molecular Structure</i> , 2009, 919, 328-333.	3.6	4
40	DNA Condensation into Inverted Hexagonal Phase in Aqueous Dispersion of Poly(Ethylene)-Functionalized Dioleoylphosphatidylethanolamine and Metal Cations. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 500, 132-143.	0.9	5
41	Metal Cation Induced Cubic Phase in Poly(ethylene glycol)-Functionalized Dioleoylphosphatidylethanolamine Aqueous Dispersions. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5276-5278.	2.6	11
42	Polymeric composite materials for optical data storage and processing. , 2007, , .		0
43	Optical properties of organic-based periodic structures. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
44	Detailed investigation of high-resolution reflection gratings through angular-selectivity measurements. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 471.	2.1	11
45	Structure and Phase Behavior of Self-Assembled DPPC~DNA~Metal Cation Complexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13203-13211.	2.6	26
46	Self-assembled ternary complexes of neutral liposomes, deoxyribonucleic acid, and bivalent metal cations. Promising vectors for gene transfer?. <i>Applied Physics Letters</i> , 2006, 88, 073901.	3.3	22
47	Optical and mechanical shrinkage effects in dye-doped photonic bandgap structures based on organic materials. <i>Physical Review E</i> , 2006, 73, 011708.	2.1	5
48	Self-Assembled Liposome-DNA-Metal Complexes Related to DNA Delivery. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 434, 315/[643]-323/[651].	0.9	14
49	Compact Lasers Based on HPDLC Gratings. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 441, 97-109.	0.9	12
50	Thermotropic mesomorphism in penta- and hepta-coordinated metal complexes. <i>Liquid Crystals</i> , 2005, 32, 763-769.	2.2	12
51	Light-induced molecular adsorption and reorientation at polyvinylcinnamate-fluorinated liquid-crystal interface. <i>Physical Review E</i> , 2005, 71, 011702.	2.1	18
52	Layered $\pi$ -Substituted Alkylpyridinium Salts with Inorganic Anions: Effects of H-Bonding Patterns on the Layer Thickness. <i>Crystal Growth and Design</i> , 2005, 5, 163-166.	3.0	11
53	Fe <sup>2+</sup> promoted peroxidation of 1,2-diacyl-sn-glycero-3-phosphocholine liposomes in the presence of calf thymus DNA. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3524.	2.8	3
54	Light amplification by dye-doped holographic polymer dispersed liquid crystals. <i>Applied Physics Letters</i> , 2004, 84, 4893-4895.	3.3	57

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55	Wavelength flipping in laser emission driven by a switchable holographic grating. <i>Applied Physics Letters</i> , 2004, 84, 837-839.	3.3	39
56	Colossal optical nonlinearity in dye doped liquid crystals. <i>Optics Communications</i> , 2004, 233, 417-424.	2.1	96
57	Structure of solid-supported lipid-DNA-metal complexes investigated by energy dispersive X-ray diffraction. <i>Chemical Physics Letters</i> , 2004, 397, 138-143.	2.6	10
58	Susceptibility of dibutyl chitin and regenerated chitin fibres to deacylation and depolymerization by lipases. <i>Carbohydrate Polymers</i> , 2004, 56, 137-146.	10.2	44
59	Evidence of an inverted hexagonal phase in self-assembled phospholipid-DNA-metal complexes. <i>Europhysics Letters</i> , 2004, 67, 669-675.	2.0	53
60	X-ray Microdiffraction Study of the Liquid Crystal Ordering in Confined Geometries. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 59-67.	0.9	4
61	Banana-shaped 1,2,4-oxadiazoles. <i>Pramana - Journal of Physics</i> , 2003, 61, 239-248.	1.8	49
62	Self-Organization of Dipolar 4,4'-Disubstituted 2,2'-Bipyridine Metal Complexes into Luminescent Lamellar Liquid Crystals. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3649-3661.	2.0	57
63	Alkaline chitosan solutions. <i>Carbohydrate Research</i> , 2003, 338, 2247-2255.	2.3	37
64	Induction of Mesomorphism Through Supramolecular Association in Coordination Pd (II) Compounds of Dialkyl 2,2'-Bipyridine-4,4'-Dicarboxylates. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 395, 325-335.	0.9	30
65	Surface reorientation induced by short light pulses in doped liquid crystals. <i>Optics Letters</i> , 2003, 28, 1621.	3.3	15
66	Structure of self-assembled liposome-DNA-metal complexes. <i>Physical Review E</i> , 2003, 67, 011904.	2.1	43
67	X-RAY Diffraction Study of Dioleoylphosphatidylcholine-DNA-Mn <sup>2+</sup> Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 398, 259-267.	0.9	7
68	Heteroligand Palladium Complexes with One or Two Chiral Centres. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 372, 51-68.	0.9	5
69	EXAFS Study of the Liquid Crystalline Phase of the Cyclopalladated 4,4'-bis(hexyloxy)azoxybenzene Acetylacetonate Complex. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 378, 77-88.	0.9	5
70	Light-induced anchoring and reorientation effects in dye-doped liquid crystals. , 2002, , .		1
71	Ordering and director-field configuration in single droplets of liquid crystals probed by X-ray microdiffraction. <i>Europhysics Letters</i> , 2002, 59, 218-224.	2.0	6
72	LIGHT-INDUCED ADSORPTION AND DESORPTION IN DYNAMIC AND STABLE GRATING FORMATION IN METHYL-RED DOPED LIQUID CRYSTALS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2002, 11, 13-23.	1.8	33

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73	Sine: Surface Induced Nonlinear Effects. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 375, 641-650.	0.9	19
74	Chitosans depolymerized with the aid of papain and stabilized as glycosylamines. <i>Carbohydrate Polymers</i> , 2002, 50, 69-78.	10.2	38
75	Crystal architecture and mesophase structure of long-chain N-alkylpyridinium tetrachlorometallates. <i>Inorganica Chimica Acta</i> , 2002, 338, 51-58.	2.4	102
76	Liquid Crystal Ordering by Freezing of Thermal Convective Motion in Polymer Dispersed Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 373, 191-200.	0.3	0
77	A2[MX4] Copper(II) Pyridinium Salts. From Ionic Liquids to Layered Solids to Liquid Crystals. <i>Chemistry of Materials</i> , 2001, 13, 2032-2041.	6.7	101
78	Photo-orientation of liquid crystals due to light-induced desorption and adsorption of dye molecules on an aligning surface. <i>Physical Review E</i> , 2001, 64, 051709.	2.1	80
79	Hidden photoalignment of liquid crystals in the isotropic phase. <i>Physical Review E</i> , 2001, 63, 021701.	2.1	58
80	Morphological and Electro-Optical Properties of Polymer Dispersed Liquid Crystals Cured by High Intensity Laser Radiation. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 367, 313-321.	0.3	1
81	<title>Optical nonlinearities of liquid crystals controlled by surfaces</title>. , 2001, , .		6
82	Droplet-size distribution gradient induced by laser curing in polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 2001, 28, 1793-1798.	2.2	4
83	Light-Controlled Anchoring Energy in Nematic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 360, 193-201.	0.3	12
84	Structural Studies on Layered Alkylpyridinium Iodopalladate Networks. <i>Inorganic Chemistry</i> , 2000, 39, 1187-1194.	4.0	40
85	Optical Properties of Polymer-dispersed Liquid Crystals. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2000, 45, 381-449.	3.4	27
86	Structural Patterns in Polymer-Dispersed Liquid Crystal Films. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 326, 139-148.	0.3	0
87	Correlated columnar phases: aroylhydrazinato nickel(II) complexes as novel discotics. <i>Inorganic Chemistry Communication</i> , 1999, 2, 255-257.	3.9	12
88	Synthesis, Mesomorphism, and Spectroscopic Characterization of Bis[4-(n-alkoxy)-5-(p-n-tetradecylphenylazo)]-Substituted (N,N'-2-Salicylidenediaminato)nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1367-1372.	2.0	39
89	Dinuclear cyclopalladated azobenzene complexes: a comparative study on model compounds for organometallic liquid-crystalline materials. <i>Applied Organometallic Chemistry</i> , 1999, 13, 565-581.	3.5	76
90	Light-Induced Surface Sliding of the Nematic Director in Liquid Crystals. <i>Physical Review Letters</i> , 1999, 82, 1855-1858.	7.8	83

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91	Effects of light on molecular orientation of liquid crystals. Journal of Physics Condensed Matter, 1999, 11, R439-R487.	1.8	118
92	Dye-doped photorefractive liquid crystals for dynamic and storage holographic grating formation and spatial light modulation. Proceedings of the IEEE, 1999, 87, 1897-1911.	21.3	108
93	Liquid Crystal Poly(glycidyl ether)s by Anionic Polymerization and Polymer-Analogous Reaction. Polymer Journal, 1999, 31, 913-919.	2.7	8
94	Hybrid nanocomposites based on polystyrene and a reactive organophilic clay. Journal of Materials Science, 1998, 33, 2883-2888.	3.7	57
95	Laser Beam Modulation Freezing on a Liquid Crystal Surface. Molecular Crystals and Liquid Crystals, 1998, 320, 69-76.	0.3	5
96	Mesomorphic 4'-functionalized 6'-phenyl-2,2'-bipyridines: tridentate ligands for organopalladium mesogens. Liquid Crystals, 1998, 24, 673-680.	2.2	28
97	Synthesis, Structure, and Thermotropic Mesomorphism of Layered N-Alkylpyridinium Tetrahalopalladate(II) Salts. Chemistry of Materials, 1998, 10, 1904-1913.	6.7	69
98	Light-induced anchoring and memory effects in dye-doped liquid crystals. , 1998, 3318, 258.		1
99	Phase and orientational behaviors in liquid crystalline main-chain/side-group block copolymers. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 21-29.	2.1	2
100	<title>X-ray investigation of new isomeric oxadiazoles</title>. , 1998, , .		9
101	High-pressure mesomorphic behavior of a chiral polyacrylate by x-ray diffraction in situ. Physical Review E, 1997, 55, 7121-7127.	2.1	1
102	Structure of the nematic mesophase with cybotactic groups in liquid-crystalline poly(urethane-ester)s. Physical Review E, 1997, 55, 481-487.	2.1	52
103	On the Peculiar Macromolecular Organization of Nematic Poly(Urethane-Ester)s. Molecular Crystals and Liquid Crystals, 1997, 299, 407-417.	0.3	1
104	The effects of hydrogen bonding on the liquid crystalline behavior of semiflexible poly(urethane-ester)s. Macromolecular Symposia, 1997, 117, 275-280.	0.7	3
105	New hybrid nanocomposites based on an organophilic clay and poly(styrene-b-butadiene) copolymers. Journal of Materials Research, 1997, 12, 3134-3139.	2.6	101
106	Mesophase structure and alignment under different fields of liquid crystalline main-chain/side-group block copolymers. Macromolecular Symposia, 1997, 121, 235-244.	0.7	3
107	Dye-doped liquid crystals as high-resolution recording media. Optics Letters, 1997, 22, 549.	3.3	92
108	Dye-doped liquid crystals as high-resolution recording media: ferrata. Optics Letters, 1997, 22, 937.	3.3	2

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109	High resolution polarization gratings in liquid crystals. <i>Applied Physics Letters</i> , 1997, 71, 3613-3615.	3.3	70
110	Liquid Crystalline Poly(vinyl ether)s and Block Copoly(vinyl ether)s by Living Cationic Polymerization. <i>Macromolecules</i> , 1996, 29, 5111-5118.	4.8	23
111	Mesomorphic behaviour, single crystal and low angle variable temperature X-ray diffraction studies of the chloro-bridged cyclopalladated dimer obtained from 4,4'-hexyloxyazobenzene. <i>Liquid Crystals</i> , 1996, 20, 67-76.	2.2	22
112	Hybrid Liquid-Crystalline Block Copolymers II. X-Ray Diffraction Analysis of Polyester-Polymethacrylate Block Copolymers. <i>Polymer Journal</i> , 1996, 28, 193-197.	2.7	8
113	Supramolecular ordering of bipolar lipids from Archaea in Langmuir-Blodgett films by low-angle X-ray diffraction. <i>Thin Solid Films</i> , 1996, 284-285, 459-463.	1.8	5
114	Phase and Thermal Behavior of Liquid-Crystalline Block Copolymers. <i>Polymers for Advanced Technologies</i> , 1996, 7, 374-378.	3.2	6
115	Frequency-induced angular sweep of the electromagnetic wave diffracted by weakly curved periodic media in the dynamical regime. <i>Journal of Applied Physics</i> , 1996, 79, 30-38.	2.5	0
116	On the thermal behaviour of palladium (II) macrocyclic polycatenars. <i>Liquid Crystals</i> , 1996, 21, 625-630.	2.2	21
117	Polymer Dispersed Liquid Crystal Thin Films for Optical Processing. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 290, 183-192.	0.3	0
118	Mesophase Behavior of Polyester-Polymethacrylate Liquid Crystal Block Copolymers. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 289, 235-246.	0.3	0
119	Pressure-induced stabilization of the smectic A* phase in a chiral polyacrylate. <i>Europhysics Letters</i> , 1996, 34, 501-506.	2.0	5
120	On the Limits of Validity of the Two-Wave Approximation in the Dynamical Theory of Electromagnetic Scattering by Periodic Dielectric Media. <i>Journal De Physique, I</i> , 1996, 6, 705-723.	1.2	1
121	X-ray diffraction study of a nematic-nematic transition in thermotropic liquid-crystalline polyurethanes. , 1995, , .		0
122	Hybrid Liquid-Crystalline Block Copolymers I. Synthesis and Mesomorphic Behavior of Polyester-Polymethacrylate Block Copolymers. <i>Polymer Journal</i> , 1995, 27, 993-1001.	2.7	8
123	Synthesis and liquid-crystalline properties of thermotropic poly(ester-urethane)s. <i>European Polymer Journal</i> , 1995, 31, 253-258.	5.4	10
124	Synthesis and liquid-crystalline properties of polyacrylates containing prochiral sulfide substituents. <i>Polymer</i> , 1995, 36, 1261-1268.	3.8	5
125	Correlations between microstructure and a.c. magnetic response of bulk superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 381-391.	0.4	0
126	An X-ray diffraction study of the different nematic mesophases of liquid-crystalline poly(urethane-ester)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 699-705.	2.1	20



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127	X-ray investigations on a homologous series of mesogenic azo compounds complexed with palladium (II). <i>Liquid Crystals</i> , 1995, 19, 241-249.	2.2	12
128	Liquid-Crystalline Side-Chain Polyacrylates Containing Chiral Sulfoxide Substituents. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 266, 189-196.	0.3	1
129	Macrocyclic metallomesogens: thermotropic double-chained silver amphiphiles. <i>Journal of Materials Chemistry</i> , 1995, 5, 931.	6.7	7
130	LC Block Copolymers Containing Side-Chain and Main-Chain Blocks. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 261, 393-404.	0.3	3
131	Hybrid Liquid-Crystalline Block Copolymers with Polystyrene and Polyester Blocks. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 254, 429-443.	0.3	5
132	Transition Metals Complexed to Ordered Mesophases <sup>1</sup> . Synthesis and Mesomorphic Properties of a Homologous Series of <i>N</i> -(4-Dodecyloxysalicylidene)-4- $\alpha$ -Alkylanilines Complexed to Palladium(II). <i>Molecular Crystals and Liquid Crystals</i> , 1994, 250, 323-332.	0.3	6
133	Synthesis and thermal behavior of liquid-crystalline block copolymers containing both main-chain and side-chain mesomorphic blocks. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 2247-2260.	2.2	24
134	Methyl group tunnelling studies in calixarenes. <i>Physica B: Condensed Matter</i> , 1994, 202, 279-286.	2.7	10
135	Crystal-field excitations and gap opening in Tm: YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> by inelastic neutron scattering. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 221, 227-236.	1.2	13
136	Transition metals complexed in ordered mesophases. XV. Synthesis, characterization and mesomorphic properties of new potentially ferroelectric liquid crystals: Acetylacetonate <i>p,p'</i> - $\alpha$ -dialkoxyazobenzene mononuclear palladium(II) complexes. <i>Liquid Crystals</i> , 1994, 16, 373-380.	2.2	19
137	Metallomesogens. Synthesis and Mesomorphic Properties of 2-Hydroxy-4- <i>n</i> -Alkoxy-4'- <i>n</i> -Alkylazobenzenes Palladium(II) Complexes. <i>Chemistry of Materials</i> , 1994, 6, 1971-1977.	6.7	19
138	Thermal and x-ray investigation on the coexisting smectic mesophases of a liquid crystalline side-chain polymer. <i>Macromolecules</i> , 1994, 27, 303-305.	4.8	21
139	Ionic metallomesogens. Lamellar mesophases in copper(I) azamacrocyclic complexes. <i>Chemistry of Materials</i> , 1994, 6, 70-76.	6.7	37
140	X-ray Diffraction Study of the Smectic C Mesophase of a Side Chain Polyacrylate Containing a Sulfide Substituted Mesogen. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 254, 321-333.	0.3	1
141	Molecular tunnelling in <i>p</i> -tert-butylcalix[4]arene(2:1) <i>p</i> -xylene. <i>Molecular Physics</i> , 1994, 81, 609-619.	1.7	9
142	Synthesis and Liquid Crystalline Properties of New Thermotropic Polyurethanes. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 243, 135-147.	0.3	13
143	A new class of compounds suited to study the torsional dynamics in the quantum regime: the calixarenes. <i>Chemical Physics Letters</i> , 1993, 201, 427-432.	2.6	9
144	Further results on cerium fluoride crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993, 332, 373-394.	1.6	48

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145	Small-angle neutron scattering study of the microstructure in container glass in correlation with workability problems. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1993, 161, 157-163.	5.6	3
146	Dimensional sensitivity of end-to-end phase difference in ring terminated Ramsey cavities. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1993, 42, 448-452.	4.7	4
147	X-ray investigations on the cyclopalladated mesogen Crystals, 1993, 13, 255-263.	2.2	15
148	Transition metals complexed to ordered mesophases. XIII. Synthesis and mesomorphic properties of potentially ferroelectric Schiff's base palladium(II) complexes. <i>Liquid Crystals</i> , 1993, 15, 331-344.	2.2	26
149	Transition metals complexed to ordered mesophases. Synthesis, mesomorphism, x-ray and EPR characterization of a homologous series of N-(4-dodecyloxysalicylidene)-4'-alkylanilines complexed to oxovanadium(IV). <i>Chemistry of Materials</i> , 1993, 5, 876-882.	6.7	26
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