

Goran Ungar

List of Publications by Year in descending order

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Version: 2024-02-01

221
papers

15,026
citations

17429

63
h-index

21521

114
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243
all docs

243
docs citations

243
times ranked

6911
citing authors

#	ARTICLE	IF	CITATIONS
1	A case of antiferrochirality in a liquid crystal phase of counter-rotating staircases. <i>Nature Communications</i> , 2022, 13, 384.	5.8	13
2	Self-assembly of Gold Nanoparticles into an Adjustable Plasmonic 3D Lattice using Janus-type Forked Mesogenic Ligands. <i>Chemistry - an Asian Journal</i> , 2022, , .	1.7	0
3	Temperature and stress-resistant solid state electrolyte for stable lithium-metal batteries. <i>Energy Storage Materials</i> , 2022, 49, 502-508.	9.5	13
4	Understanding and Manipulating Helical Nanofilaments in Binary Systems with Achiral Dopants. <i>Nano Letters</i> , 2022, 22, 4569-4575.	4.5	5
5	Quasi-continuous melting of model polymer monolayers prompts reinterpretation of polymer melting. <i>Nature Communications</i> , 2021, 12, 1710.	5.8	13
6	The statistics of the ordering of chiral ribbons on a honeycomb lattice. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 083203.	0.9	0
7	Nearly monodisperse unimolecular micelles via chloro-based atom transfer radical polymerization. <i>Giant</i> , 2021, 7, 100062.	2.5	5
8	Bowls, vases and goblets—the microcrockery of polymer and nanocomposite morphology revealed by two-photon optical tomography. <i>Nature Communications</i> , 2021, 12, 5054.	5.8	12
9	Roughening Transition and Quasi-continuous Melting of Monolayers of Ultra-long Alkanes: Why Bulk Polymer Melting Is Strongly First-Order. <i>Macromolecules</i> , 2021, 54, 10135-10149.	2.2	7
10	Self-Organization of Rectangular Bipyramidal Helical Columns by Supramolecular Orientational Memory Epitaxially Nucleated from a Frank-Kasper $\bar{1}f$ Phase. <i>Giant</i> , 2021, , 100084.	2.5	21
11	A self-assembled liquid crystal honeycomb of highly stretched (3-1-1)-hexagons. <i>Chemical Communications</i> , 2020, 56, 62-65.	2.2	7
12	Macroscopic chirality of twist-bend nematic phase in bent dimers confirmed by circular dichroism. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1041-1047.	2.7	14
13	Chirality Induction through Nano-Phase Separation: Alternating Network Gyroid Phase by Thermotropic Self-Assembly of X-shaped Bolapolyphiles. <i>Angewandte Chemie</i> , 2020, 132, 2747-2751.	1.6	7
14	Chirality Induction through Nano-Phase Separation: Alternating Network Gyroid Phase by Thermotropic Self-Assembly of X-shaped Bolapolyphiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2725-2729.	7.2	25
15	Liquid Organic Frameworks: The Single-Network “Plumber”’s Nightmare—Bicontinuous Cubic Liquid Crystal. <i>Journal of the American Chemical Society</i> , 2020, 142, 3296-3300.	6.6	31
16	Supramolecular Networks: Helical Networks of π -Conjugated Rods “A Robust Design Concept for Bicontinuous Cubic Liquid Crystalline Phases with Achiral $\langle 100 \rangle$ and Chiral $\langle 111 \rangle$ Lattice (Adv. Funct. Mater. 45/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070298.	7.8	0
17	Helical Networks of π -Conjugated Rods “A Robust Design Concept for Bicontinuous Cubic Liquid Crystalline Phases with Achiral $\langle 100 \rangle$ and Chiral $\langle 111 \rangle$ Lattice. <i>Advanced Functional Materials</i> , 2020, 30, 2004353.	7.8	22
18	Frustrated Layered Self-Assembly Induced Superlattice from Two-Dimensional Nanosheets. <i>Nano Letters</i> , 2020, 20, 8647-8653.	4.5	15

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19	Tailoring liquid crystal honeycombs by head-group choice in bird-like bent-core mesogens. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8069-8076.	2.7	4
20	Spontaneously chiral cubic liquid crystal: three interpenetrating networks with a twist. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5389-5398.	2.7	35
21	Fluorescence microscopy tracking of dyes, nanoparticles and quantum dots during growth of polymer spherulites. <i>Polymer</i> , 2020, 191, 122246.	1.8	11
22	Luminescent Metallacycle-Cored Liquid Crystals Induced by Metal Coordination. <i>Angewandte Chemie</i> , 2020, 132, 10229-10236.	1.6	12
23	Luminescent Metallacycle-Cored Liquid Crystals Induced by Metal Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10143-10150.	7.2	49
24	Extraordinary Acceleration of Cogwheel Helical Self-Organization of Dendronized Perylene Bisimides by the Dendron Sequence Encoding Their Tertiary Structure. <i>Journal of the American Chemical Society</i> , 2020, 142, 9525-9536.	6.6	42
25	New Type of Columnar Liquid Crystal Superlattice in Double-Taper Ionic Minidendrons. <i>Chemistry - A European Journal</i> , 2019, 25, 13739-13747.	1.7	7
26	Sequence-Defined Dendrons Dictate Supramolecular Cogwheel Assembly of Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2019, 141, 15761-15766.	6.6	34
27	Switching of ionic conductivities in columnar liquid-crystalline anilinium salts: effects of alkyl chains, ammonium cations and counter anions on thermal properties and switching temperatures. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 342-347.	1.7	9
28	An Ising transition of chessboard tilings in a honeycomb liquid crystal. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 396-406.	1.7	5
29	A Self-Assembled Bicontinuous Cubic Phase with a Single-Diamond Network. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7375-7379.	7.2	38
30	ZnO nanorod arrays with high light-to-electron conversion for solar-blind deep ultraviolet photodetection. <i>RSC Advances</i> , 2019, 9, 6064-6069.	1.7	23
31	A Self-Assembled Bicontinuous Cubic Phase with a Single-Diamond Network. <i>Angewandte Chemie</i> , 2019, 131, 7453-7457.	1.6	14
32	In situ synthesis of monoclinic ZnO nanowires on flexible substrate and solar-blind photodetector. <i>Journal of Alloys and Compounds</i> , 2019, 787, 133-139.	2.8	52
33	Soft self-assembled sub-5 nm scale chessboard and snub-square tilings with oligo(<i>para</i> -phenyleneethynylene) rods. <i>Chemical Communications</i> , 2019, 55, 4154-4157.	2.2	4
34	Molecular ejection transition in liquid crystal columns self-assembled from wedge-shaped minidendrons. <i>Soft Matter</i> , 2019, 15, 22-29.	1.2	12
35	Square and Hexagonal Columnar Liquid Crystals Confined in Square and Triangular Pores. <i>Advanced Functional Materials</i> , 2019, 29, 1806078.	7.8	7
36	Twist-bend nematic phase in biphenylethane-based copolyethers. <i>Soft Matter</i> , 2018, 14, 3003-3011.	1.2	40

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37	The Solution of the Puzzle of Smectic C^* : The Phase Structure and the Origin of Spontaneous Chirality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2835-2840.	7.2	35
38	The Solution of the Puzzle of Smectic C^* : The Phase Structure and the Origin of Spontaneous Chirality. <i>Angewandte Chemie</i> , 2018, 130, 2885-2890.	1.6	8
39	Trigonal columnar self-assembly of bent phasmid mesogens. <i>Chemical Communications</i> , 2018, 54, 156-159.	2.2	10
40	Mesoscale Graphene-like Honeycomb Mono- and Multilayers Constructed via Self-Assembly of Coclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 1805-1811.	6.6	69
41	Dendronized Poly(2-oxazoline) Displays within only Five Monomer Repeat Units Liquid Quasicrystal, A15 and $\sqrt{3}$ Frank-Kasper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 16941-16947.	6.6	57
42	Soft Rectangular Sub ≈ 5 nm Tiling Patterns by Liquid Crystalline Self-Assembly of T-shaped Bolapolyphiles. <i>Advanced Functional Materials</i> , 2018, 28, 1804162.	7.8	18
43	Hierarchical Self-Organization of Chiral Columns from Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2018, 140, 13478-13487.	6.6	34
44	Dynamic calorimetry and XRD studies of the nematic and twist-bend nematic phase transitions in a series of dimers with increasing spacer length. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25268-25274.	1.3	22
45	Transition between tangential and co-axial liquid crystalline honeycombs in the self-assembly of Y-shaped bolapolyphiles. <i>Chemical Communications</i> , 2018, 54, 12306-12309.	2.2	6
46	Structure, morphology, and nonlinear optical properties of orthorhombic $\sqrt{2}$ -Ca(HCOO) $_2$ single crystals. <i>Optical Materials Express</i> , 2018, 8, 2238.	1.6	4
47	Lamellar Liquid Crystals of In-plane Lying Rod-like Mesogens with Designer Side-chains: The Case of Sliding versus Locked Layers. <i>Chemistry - A European Journal</i> , 2018, 24, 16072-16084.	1.7	14
48	Innenrücktitelbild: The Solution of the Puzzle of Smectic C^* : The Phase Structure and the Origin of Spontaneous Chirality (<i>Angew. Chem.</i> 11/2018). <i>Angewandte Chemie</i> , 2018, 130, 3029-3029.	1.6	0
49	A Low-Symmetry Cubic Mesophase of Dendronized CdS Nanoparticles and Their Structure-Dependent Photoluminescence. <i>CheM</i> , 2017, 2, 860-876.	5.8	27
50	Diverse configurations of columnar liquid crystals in cylindrical nano- and micropores. <i>Soft Matter</i> , 2017, 13, 4122-4131.	1.2	10
51	Solvent diffusion in polymer-embedded hollow nanoparticles studied by in situ small angle X-ray scattering. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21663-21671.	1.3	0
52	Direct AFM observation of individual micelles, tile decorations and tiling rules of a dodecagonal liquid quasicrystal. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 414001.	0.7	12
53	Body-centred cubic packing of spheres – the ultimate thermotropic assembly mode for highly divergent dendrons. <i>Nanoscale Horizons</i> , 2017, 2, 43-49.	4.1	24
54	Formation of a Double Diamond Cubic Phase by Thermotropic Liquid Crystalline Self-Assembly of Bundled Bolaamphiphiles. <i>Angewandte Chemie</i> , 2016, 128, 8464-8467.	1.6	22

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55	Formation of a Double Diamond Cubic Phase by Thermotropic Liquid Crystalline Self-Assembly of Bundled Bolaamphiphiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8324-8327.	7.2	47
56	X-ray scattering. <i>Series in Soft Condensed Matter</i> , 2016, , 209-253.	0.1	0
57	Mirror Symmetry Breaking by Chirality Synchronisation in Liquids and Liquid Crystals of Achiral Molecules. <i>ChemPhysChem</i> , 2016, 17, 9-26.	1.0	143
58	A theoretical study of dispersion-to-aggregation of nanoparticles in adsorbing polymers using molecular dynamics simulations. <i>Nanoscale</i> , 2016, 8, 6964-6968.	2.8	16
59	Added Alkane Allows Thermal Thinning of Supramolecular Columns by Forming Superlattice An X-ray and Neutron Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 5757-5760.	6.6	20
60	Screening Libraries of Semifluorinated Arylene Bisimides to Discover and Predict Thermodynamically Controlled Helical Crystallization. <i>ACS Combinatorial Science</i> , 2016, 18, 723-739.	3.8	23
61	Mirror Symmetry Breaking by Chirality Synchronisation in Liquids and Liquid Crystals of Achiral Molecules. <i>ChemPhysChem</i> , 2016, 17, 3-3.	1.0	0
62	A supramolecular helix that disregards chirality. <i>Nature Chemistry</i> , 2016, 8, 80-89.	6.6	147
63	Columnar Liquid Crystals in Cylindrical Nanoconfinement. <i>ACS Nano</i> , 2015, 9, 1759-1766.	7.3	51
64	Complex Columnar Hexagonal Polymorphism in Supramolecular Assemblies of a Semifluorinated Electron-Accepting Naphthalene Bisimide. <i>Journal of the American Chemical Society</i> , 2015, 137, 807-819.	6.6	31
65	Increasing 3D Supramolecular Order by Decreasing Molecular Order. A Comparative Study of Helical Assemblies of Dendronized Nonchlorinated and Tetrachlorinated Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2015, 137, 5210-5224.	6.6	40
66	Ionic Switch Induced by a Rectangular-Hexagonal Phase Transition in Benzenammonium Columnar Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2015, 137, 13212-13215.	6.6	68
67	Helically Twisted Chiral Arrays of Gold Nanoparticles Coated with a Cholesterol Mesogen. <i>Journal of the American Chemical Society</i> , 2015, 137, 12736-12739.	6.6	39
68	Zeolite-like liquid crystals. <i>Nature Communications</i> , 2015, 6, 8637.	5.8	32
69	Rheology of Thermotropic Liquid-Crystalline Dendron-Modified Gold Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 617, 50-57.	0.4	5
70	Dynamic Mirror-Symmetry Breaking in Bicontinuous Cubic Phases. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13115-13120.	7.2	127
71	Honeycombs in Honeycombs: Complex Liquid Crystal Alumina Composite Mesostructures. <i>ACS Nano</i> , 2014, 8, 4500-4509.	7.3	24
72	Homochiral Columns Constructed by Chiral Self-Sorting During Supramolecular Helical Organization of Hat-Shaped Molecules. <i>Journal of the American Chemical Society</i> , 2014, 136, 7169-7185.	6.6	141

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73	Skeletal Cubic, Lamellar, and Ribbon Phases of Bundled Thermotropic Bolopolyphiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 6846-6849.	6.6	57
74	InnenrÄ¼cktitelbild: Dynamic Mirror-Symmetry Breaking in Bicontinuous Cubic Phases (<i>Angew. Chem.</i>) Tj ETQq0 0,0,rgBT /Oyerlock 10	1.6	0
75	Liquid crystal plasmonic metamaterials. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
76	A Self-Organized Anisotropic Liquid-Crystal Plasmonic Metamaterial. <i>Advanced Materials</i> , 2013, 25, 1999-2004.	11.1	53
77	SAXS characterization of polymer-embedded hollow nanoparticles and of their shell porosity. <i>Journal of Applied Crystallography</i> , 2013, 46, 1654-1664.	1.9	8
78	Transformation from Kinetically into Thermodynamically Controlled Self-Organization of Complex Helical Columns with 3D Periodicity Assembled from Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2013, 135, 4129-4148.	6.6	98
79	Crystallization of poly(ethylene oxide) embedded with surface-modified SiO_2 nanoparticles. <i>Polymer International</i> , 2013, 62, 1112-1122.	1.6	17
80	Optical properties of mesogen-coated gold nanoparticles. , 2012, , .		2
81	Nobel Prize for quasicrystals. <i>Liquid Crystals Today</i> , 2012, 21, 25-26.	2.3	0
82	Control of anisotropic self-assembly of gold nanoparticles coated with mesogens. <i>Journal of Materials Chemistry</i> , 2012, 22, 11101.	6.7	47
83	Arrays of giant octagonal and square cylinders by liquid crystalline self-assembly of X-shaped polyphilic molecules. <i>Nature Communications</i> , 2012, 3, 1104.	5.8	42
84	Induction of Thermotropic Bicontinuous Cubic Phases in Liquid-Crystalline Ammonium and Phosphonium Salts. <i>Journal of the American Chemical Society</i> , 2012, 134, 2634-2643.	6.6	143
85	Simple Cubic Packing of Gold Nanoparticles through Rational Design of Their Dendrimeric Corona. <i>Journal of the American Chemical Society</i> , 2012, 134, 808-811.	6.6	86
86	Self-Organization of Bent Rod Molecules into Hexagonally Ordered Vesicular Columns. <i>Journal of the American Chemical Society</i> , 2012, 134, 13871-13880.	6.6	32
87	Characterizing Size and Porosity of Hollow Nanoparticles: SAXS, SANS, TEM, DLS, and Adsorption Isotherms Compared. <i>Langmuir</i> , 2012, 28, 15350-15361.	1.6	54
88	One-Step Synthesis and Self-Assembly of Metal Oxide Nanoparticles into 3D Superlattices. <i>ACS Nano</i> , 2012, 6, 4382-4391.	7.3	48
89	Phospholipids with a stimuli-responsive thermotropic liquid-crystalline moiety. <i>Chemical Communications</i> , 2011, 47, 6885.	2.2	9
90	Influence of Flexible Spacers on Liquid-Crystalline Self-Assembly of T-Shaped Bolaamphiphiles. <i>Journal of the American Chemical Society</i> , 2011, 133, 7872-7881.	6.6	40

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91	Self-Repairing Complex Helical Columns Generated via Kinetically Controlled Self-Assembly of Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2011, 133, 18479-18494.	6.6	82
92	Axial-Bundle Phases - New Modes of 2D, 3D, and Helical Columnar Self-Assembly in Liquid Crystalline Phases of Bolaamphiphiles with Swallow Tail Lateral Chains. <i>Journal of the American Chemical Society</i> , 2011, 133, 4906-4916.	6.6	58
93	Self-Assembly of Dendronized Perylene Bisimides into Complex Helical Columns. <i>Journal of the American Chemical Society</i> , 2011, 133, 12197-12219.	6.6	120
94	Liquid Quasicrystals. <i>Israel Journal of Chemistry</i> , 2011, 51, 1206-1215.	1.0	57
95	Complex Multicolor Tilings and Critical Phenomena in Tetraphilic Liquid Crystals. <i>Science</i> , 2011, 331, 1302-1306.	6.0	99
96	Self-Assembly at Different Length Scales: Polyphilic Star-Branched Liquid Crystals and Miktoarm Star Copolymers. <i>Advanced Functional Materials</i> , 2011, 21, 1296-1323.	7.8	91
97	Two- and Three-Dimensional Liquid-Crystal Phases from Axial Bundles of Rodlike Polyphiles: Segmented Cylinders, Crossed Columns, and Ribbons between Sheets. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10599-10602.	7.2	29
98	Planar Alignment of Columnar Discotic Liquid Crystals by Isotropic Phase Dewetting on Chemically Patterned Surfaces. <i>Advanced Functional Materials</i> , 2010, 20, 914-920.	7.8	42
99	Deconstruction as a Strategy for the Design of Libraries of Self-Assembling Dendrons. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7002-7005.	7.2	64
100	Self-Assembly of Hybrid Dendrons into Doubly Segregated Supramolecular Polyhedral Columns and Vesicles. <i>Journal of the American Chemical Society</i> , 2010, 132, 11288-11305.	6.6	70
101	Body-centered cubic phase in 3-arm star mesogens: a torsional tapping AFM and GISAXS study. <i>Soft Matter</i> , 2010, 6, 5390.	1.2	23
102	3D Ordered Gold Strings by Coating Nanoparticles with Mesogens. <i>Advanced Materials</i> , 2009, 21, 1746-1750.	11.1	124
103	Elucidating the Structure of the $Pm\bar{3}n$ Cubic Phase of Supramolecular Dendrimers through the Modification of their Aliphatic to Aromatic Volume Ratio. <i>Chemistry - A European Journal</i> , 2009, 15, 8994-9004.	1.7	51
104	Hollow Six-Stranded Helical Columns of a Helicene. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7837-7840.	7.2	102
105	Understanding Self-poisoning Phenomenon in Crystal Growth of Short-Chain Polymers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13485-13490.	1.2	22
106	Structure of Liquid Crystalline Aerosol-OT and Its Alkylammonium Salts. <i>Langmuir</i> , 2009, 25, 11067-11072.	1.6	22
107	Predicting the Structure of Supramolecular Dendrimers via the Analysis of Libraries of AB_3 and Constitutional Isomeric AB_2 Biphenylpropyl Ether Self-Assembling Dendrons. <i>Journal of the American Chemical Society</i> , 2009, 131, 17500-17521.	6.6	165
108	Siloxanes and carbosilanes as new building blocks for T-shaped bolaamphiphilic LC molecules. <i>Soft Matter</i> , 2009, 5, 1214.	1.2	31

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109	Liquid-Crystal Engineering with Anchor-Shaped Molecules: Honeycombs with Hexagonal and Trigonal Symmetries Formed by Polyphilic Bent-Core Molecules. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6080-6083.	7.2	40
110	Liquid-Crystalline Kagome. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9063-9066.	7.2	65
111	Inside Cover: Liquid-Crystal Engineering with Anchor-Shaped Molecules: Honeycombs with Hexagonal and Trigonal Symmetries Formed by Polyphilic Bent-Core Molecules (<i>Angew. Chem. Int. Ed.</i> 32/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5862-5862.	7.2	0
112	Innentitelbild: Liquid-Crystal Engineering with Anchor-Shaped Molecules: Honeycombs with Hexagonal and Trigonal Symmetries Formed by Polyphilic Bent-Core Molecules (<i>Angew. Chem.</i> 32/2008). <i>Angewandte Chemie</i> , 2008, 120, 5946-5946.	1.6	0
113	Testing the triple network structure of the cubic $Im\bar{3}1_m$ (I) phase by isomorphous replacement and model refinement. <i>Journal of Materials Chemistry</i> , 2008, 18, 2953.	6.7	47
114	Polygonal Cylinder Phases of 3-Alkyl-2,5-diphenylthiophene-Based Bolaamphiphiles: Changing Symmetry by Retaining Net Topology. <i>Chemistry of Materials</i> , 2008, 20, 4729-4738.	3.2	30
115	2D and 3D Ordered Columnar Liquid Crystal Phases by Bundles of Bolaamphiphiles with Swallow-Tail Side Chains. <i>Journal of the American Chemical Society</i> , 2008, 130, 14922-14923.	6.6	29
116	X-Shaped polyphilics: liquid crystal honeycombs with single-molecule walls. <i>Chemical Communications</i> , 2008, , 3861.	2.2	49
117	The Trapezoidal Cylinder Phase: A New Mode of Self-Assembly in Liquid-Crystalline Soft Matter. <i>Journal of the American Chemical Society</i> , 2008, 130, 9666-9667.	6.6	39
118	The Triangular Cylinder Phase: A New Mode of Self-Assembly in Liquid-Crystalline Soft Matter. <i>Journal of the American Chemical Society</i> , 2007, 129, 9578-9579.	6.6	46
119	Complex Liquid-Crystalline Superstructure of a π -Conjugated Oligothiophene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7856-7859.	7.2	62
120	The Giant-Hexagon Cylinder Network: A Liquid-Crystalline Organization Formed by a T-Shaped Quaternary Amphiphile. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7972-7975.	7.2	56
121	Isothermal crystallization kinetics and spherulitic morphology of poly(4-hydroxybutyric) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 2.4 2		
122	Self-Assembly in Action. <i>Science</i> , 2006, 313, 55-56.	6.0	96
123	Special issue honouring Professor David Bassett on the occasion of his retirement. <i>Polymer</i> , 2006, 47, 5431-5432.	1.8	0
124	A triple-network tricontinuous cubic liquid crystal. <i>Nature Materials</i> , 2005, 4, 562-567.	13.3	151
125	Liquid Crystalline Networks Composed of Pentagonal, Square, and Triangular Cylinders. <i>Science</i> , 2005, 307, 96-99.	6.0	143
126	Frank-Kasper, quasicrystalline and related phases in liquid crystals. <i>Soft Matter</i> , 2005, 1, 95.	1.2	188

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127	Organisation in two series of low-dimensional polymer electrolytes with high ambient lithium salt conductivity. <i>Faraday Discussions</i> , 2005, 128, 363.	1.6	8
128	Real-Time Neutron Scattering Study of Transient Phases in Polymer Crystallization. <i>Macromolecules</i> , 2005, 38, 7201-7204.	2.2	25
129	Carbohydrate Rod Conjugates: A Ternary Rod-Coil Molecules Forming Complex Liquid Crystal Structures. <i>Journal of the American Chemical Society</i> , 2005, 127, 16578-16591.	6.6	112
130	Supramolecular dendritic liquid quasicrystals. <i>Nature</i> , 2004, 428, 157-160.	13.7	585
131	Solvent-free low-dimensional polymer electrolytes for lithium-polymer batteries. <i>Chemical Record</i> , 2004, 4, 176-191.	2.9	25
132	Liquid Crystals with Complex Superstructures. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4621-4625.	7.2	61
133	Structure and inter-phase stability in solvent-free low-dimensional polymer electrolytes with high lithium conductivity. <i>Dalton Transactions</i> , 2004, , 3053.	1.6	9
134	Infrared Active Methyl Group Vibrations in Tetratetracontane: A Probe for Chain End Organization and Crystal Structure. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3130-3139.	1.2	18
135	A New Type of Square Columnar Liquid Crystalline Phases Formed by Facial Amphiphilic Triblock Molecules. <i>Journal of the American Chemical Society</i> , 2004, 126, 8608-8609.	6.6	41
136	Designing Libraries of First Generation AB ₃ and AB ₂ Self-Assembling Dendrons via the Primary Structure Generated from Combinations of (AB) ₃ and (AB) ₂ Building Blocks. <i>Journal of the American Chemical Society</i> , 2004, 126, 6078-6094.	6.6	200
137	Columnar Phase in Main Chain and Comb-Like Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 396, 155-168.	0.4	8
138	Chain Unfolding in Single Crystals of Ultralong Alkane C ₃₉₀ H ₇₈₂ and Polyethylene: An Atomic Force Microscopy Study. <i>Macromolecules</i> , 2003, 36, 5637-5649.	2.2	81
139	Step Initiation and Propagation Rate Minima in Solution Crystallization of Five Long Alkanes. <i>Macromolecules</i> , 2003, 36, 3812-3814.	2.2	11
140	In Situ Solution Crystallization Study of n-C ₂₄₆ H ₄₉₄ : Self-Poisoning and Morphology of Polymethylene Crystals. <i>Macromolecules</i> , 2003, 36, 5214-5225.	2.2	33
141	Giant Supramolecular Liquid Crystal Lattice. <i>Science</i> , 2003, 299, 1208-1211.	6.0	412
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