

# Xiang-bing Zeng

## List of Publications by Year in descending order

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118  
papers

5,967  
citations

76326

40  
h-index

79698

73  
g-index

132  
all docs

132  
docs citations

132  
times ranked

3876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular dendritic liquid quasicrystals. <i>Nature</i> , 2004, 428, 157-160.	27.8	585
2	Giant Supramolecular Liquid Crystal Lattice. <i>Science</i> , 2003, 299, 1208-1211.	12.6	412
3	Designing Libraries of First Generation AB <sub>3</sub> and AB <sub>2</sub> Self-Assembling Dendrons via the Primary Structure Generated from Combinations of (AB) <sub>3</sub> and (AB) <sub>2</sub> Building Blocks. <i>Journal of the American Chemical Society</i> , 2004, 126, 6078-6094.	13.7	200
4	Frank-Kasper, quasicrystalline and related phases in liquid crystals. <i>Soft Matter</i> , 2005, 1, 95.	2.7	188
5	Learning Polymer Crystallization with the Aid of Linear, Branched and Cyclic Model Compounds. <i>Chemical Reviews</i> , 2001, 101, 4157-4188.	47.7	177
6	Predicting the Structure of Supramolecular Dendrimers via the Analysis of Libraries of AB <sub>3</sub> and Constitutional Isomeric AB <sub>2</sub> Biphenylpropyl Ether Self-Assembling Dendrons. <i>Journal of the American Chemical Society</i> , 2009, 131, 17500-17521.	13.7	165
7	A triple-network tricontinuous cubic liquid crystal. <i>Nature Materials</i> , 2005, 4, 562-567.	27.5	151
8	A supramolecular helix that disregards chirality. <i>Nature Chemistry</i> , 2016, 8, 80-89.	13.6	147
9	Liquid Crystalline Networks Composed of Pentagonal, Square, and Triangular Cylinders. <i>Science</i> , 2005, 307, 96-99.	12.6	143
10	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.	13.7	143
11	Dynamic Mirror Symmetry Breaking in Bicontinuous Cubic Phases. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13115-13120.	13.8	127
12	Self-Assembly of Dendronized Perylene Bisimides into Complex Helical Columns. <i>Journal of the American Chemical Society</i> , 2011, 133, 12197-12219.	13.7	120
13	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.	13.7	112
14	Hollow Six-Stranded Helical Columns of a Helicene. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7837-7840.	13.8	102
15	Complex Multicolor Tilings and Critical Phenomena in Tetraphilic Liquid Crystals. <i>Science</i> , 2011, 331, 1302-1306.	12.6	99
16	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.	13.7	98
17	Self-Assembly at Different Length Scales: Polyphilic Star-Branched Liquid Crystals and Mikroarm Star Copolymers. <i>Advanced Functional Materials</i> , 2011, 21, 1296-1323.	14.9	91
18	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.	13.7	86

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19	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.	13.7	82
20	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.	13.7	70
21	Molecular organization in the twist-bend nematic phase by resonant X-ray scattering at the Se K-edge and by SAXS, WAXS and GIXRD. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13449-13454.	2.8	69
22	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.	13.7	68
23	Liquid-Crystalline Kagome. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9063-9066.	13.8	65
24	Deconstruction as a Strategy for the Design of Libraries of Self-Assembling Dendrons. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7002-7005.	13.8	64
25	Complex Liquid-Crystalline Superstructure of a $\pi$ -Conjugated Oligothiophene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7856-7859.	13.8	62
26	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.	13.7	58
27	Liquid Quasicrystals. <i>Israel Journal of Chemistry</i> , 2011, 51, 1206-1215.	2.3	57
28	Skeletal Cubic, Lamellar, and Ribbon Phases of Bundled Thermotropic Bolaamphiphiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 6846-6849.	13.7	57
29	Dendronized Poly(2-oxazoline) Displays within only Five Monomer Repeat Units Liquid Quasicrystal, A15 and Frank-Kasper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 16941-16947.	13.7	57
30	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.	13.8	56
31	Hierarchical Self-Organization of Perylene Bisimides into Supramolecular Spheres and Periodic Arrays Thereof. <i>Journal of the American Chemical Society</i> , 2016, 138, 14798-14807.	13.7	56
32	Characterizing Size and Porosity of Hollow Nanoparticles: SAXS, SANS, TEM, DLS, and Adsorption Isotherms Compared. <i>Langmuir</i> , 2012, 28, 15350-15361.	3.5	54
33	Columnar Liquid Crystals in Cylindrical Nanoconfinement. <i>ACS Nano</i> , 2015, 9, 1759-1766.	14.6	51
34	X-Shaped polyphile: liquid crystal honeycombs with single-molecule walls. <i>Chemical Communications</i> , 2008, , 3861.	4.1	49
35	Lamellar structure of non-integer folded and extended long-chain n-alkanes by small-angle X-ray diffraction. <i>Polymer</i> , 1998, 39, 4523-4533.	3.8	47
36	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

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37	Control of anisotropic self-assembly of gold nanoparticles coated with mesogens. <i>Journal of Materials Chemistry</i> , 2012, 22, 11101.	6.7	47
38	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.	13.8	47
39	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.	13.7	46
40	Arrays of giant octagonal and square cylinders by liquid crystalline self-assembly of X-shaped polyphilic molecules. <i>Nature Communications</i> , 2012, 3, 1104.	12.8	42
41	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.	13.7	42
42	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.	13.7	41
43	Structure and Formation of Noninteger and Integer Folded-Chain Crystals of Linear and Branched Monodisperse Ethylene Oligomers. <i>Macromolecules</i> , 1998, 31, 1875-1879.	4.8	40
44	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.	13.8	40
45	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.	13.7	40
46	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.	13.7	40
47	Twist-bend nematic phase in biphenylethane-based copolyethers. <i>Soft Matter</i> , 2018, 14, 3003-3011.	2.7	40
48	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.	13.7	39
49	Helically Twisted Chiral Arrays of Gold Nanoparticles Coated with a Cholesterol Mesogen. <i>Journal of the American Chemical Society</i> , 2015, 137, 12736-12739.	13.7	39
50	A Self-Assembled Bicontinuous Cubic Phase with a Single-Diamond Network. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7375-7379.	13.8	38
51	The Solution of the Puzzle of Smectic-Q: The Phase Structure and the Origin of Spontaneous Chirality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2835-2840.	13.8	35
52	Spontaneously chiral cubic liquid crystal: three interpenetrating networks with a twist. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5389-5398.	5.5	35
53	Hierarchical Self-Organization of Chiral Columns from Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2018, 140, 13478-13487.	13.7	34
54	Sequence-Defined Dendrons Dictate Supramolecular Cogwheel Assembly of Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2019, 141, 15761-15766.	13.7	34

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55	Tetrahedral Arrangements of Perylene Bisimide Columns <i>via</i> Supramolecular Orientational Memory. <i>ACS Nano</i> , 2017, 11, 983-991.	14.6	33
56	Self-Organization of Bent Rod Molecules into Hexagonally Ordered Vesicular Columns. <i>Journal of the American Chemical Society</i> , 2012, 134, 13871-13880.	13.7	32
57	Zeolite-like liquid crystals. <i>Nature Communications</i> , 2015, 6, 8637.	12.8	32
58	Gyroid structured aqua-sheets with sub-nanometer thickness enabling 3D fast proton relay conduction. <i>Chemical Science</i> , 2019, 10, 6245-6253.	7.4	32
59	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.	13.7	31
60	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.	13.7	31
61	Chain Tilt and Surface Disorder in Lamellar Crystals. A FTIR and SAXS Study of Labeled Long Alkanes. <i>Macromolecules</i> , 2002, 35, 7730-7741.	4.8	30
62	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.	13.7	29
63	Hexagonal Close Packing of Nonionic Surfactant Micelles in Water. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5174-5179.	2.6	28
64	A Low-Symmetry Cubic Mesophase of Dendronized CdS Nanoparticles and Their Structure-Dependent Photoluminescence. <i>Chem</i> , 2017, 2, 860-876.	11.7	27
65	Real-Time Neutron Scattering Study of Transient Phases in Polymer Crystallization. <i>Macromolecules</i> , 2005, 38, 7201-7204.	4.8	25
66	Chirality Induction through Nano-Phase Separation: Alternating Network Gyroid Phase by Thermotropic Self-Assembly of X-Shaped Bolaamphiphiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2725-2729.	13.8	25
67	Body-centred cubic packing of spheres "the ultimate thermotropic assembly mode for highly divergent dendrons. <i>Nanoscale Horizons</i> , 2017, 2, 43-49.	8.0	24
68	Body-centered cubic phase in 3-arm star mesogens: a torsional tapping AFM and GISAXS study. <i>Soft Matter</i> , 2010, 6, 5390.	2.7	23
69	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
70	Formation of a Double Diamond Cubic Phase by Thermotropic Liquid Crystalline Self-Assembly of Bundled Bolaamphiphiles. <i>Angewandte Chemie</i> , 2016, 128, 8464-8467.	2.0	22
71	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.	2.8	22
72	Helical Networks of "Conjugated Rods" A Robust Design Concept for Bicontinuous Cubic Liquid Crystalline Phases with Achiral $3\sqrt{3}$ and Chiral $23$ Lattice. <i>Advanced Functional Materials</i> , 2020, 30, 2004353.	14.9	22

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73	Self-Organization of Rectangular Bipyramidal Helical Columns by Supramolecular Orientational Memory Epitaxially Nucleated from a Frank-Kasper $\Gamma$ Phase. <i>Giant</i> , 2021, , 100084.	5.1	21
74	Semicrystalline Lamellar Phase in Binary Mixtures of Very Long Chainn-Alkanes1. <i>Macromolecules</i> , 2001, 34, 6945-6954.	4.8	20
75	Novel Layered Superstructures in Mixed Ultralongn-Alkanes. <i>Physical Review Letters</i> , 2001, 86, 4875-4878.	7.8	20
76	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.	13.7	20
77	Infrared Active Methyl Group Vibrations in Tetratetracontane:Â A Probe for Chain End Organization and Crystal Structure. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3130-3139.	2.6	18
78	Soft Rectangular Subâ€5 nm Tiling Patterns by Liquid Crystalline Selfâ€Assembly of Tâ€Shaped Bolapolyphiles. <i>Advanced Functional Materials</i> , 2018, 28, 1804162.	14.9	18
79	Crystalline Bilayers in the Very Long Chain n-Alkanoic Acid C191H383COOH. <i>Macromolecules</i> , 1999, 32, 3543-3545.	4.8	15
80	Lamellar Liquid Crystals of Inâ€Plane Lying Rodâ€Like Mesogens with Designer Sideâ€Chains: The Case of Sliding versus Locked Layers. <i>Chemistry - A European Journal</i> , 2018, 24, 16072-16084.	3.3	14
81	A Selfâ€Assembled Bicontinuous Cubic Phase with a Singleâ€Diamond Network. <i>Angewandte Chemie</i> , 2019, 131, 7453-7457.	2.0	14
82	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.	5.5	14
83	On Perpendicular and Tilted Chains in Lamellar Crystals. <i>Journal of Macromolecular Science - Physics</i> , 2003, 42, 915-927.	1.0	13
84	Self-organisation of rhombitruncated cuboctahedral hexagonal columns from an amphiphilic Janus dendrimer. <i>Molecular Physics</i> , 2021, 119, .	1.7	13
85	Quasi-continuous melting of model polymer monolayers prompts reinterpretation of polymer melting. <i>Nature Communications</i> , 2021, 12, 1710.	12.8	13
86	A case of antiferrochirality in a liquid crystal phase of counter-rotating staircases. <i>Nature Communications</i> , 2022, 13, 384.	12.8	13
87	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.	1.8	12
88	Molecular ejection transition in liquid crystal columns self-assembled from wedge-shaped minidendrons. <i>Soft Matter</i> , 2019, 15, 22-29.	2.7	12
89	Bowls, vases and goblets”the microcrockery of polymer and nanocomposite morphology revealed by two-photon optical tomography. <i>Nature Communications</i> , 2021, 12, 5054.	12.8	12
90	Crystal-Amorphous Polymer Interface Studied by Neutron and X-Ray Scattering on Labeled Binary Ultralong Alkanes. <i>Physical Review Letters</i> , 2003, 90, 155508.	7.8	11

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91	Diverse configurations of columnar liquid crystals in cylindrical nano- and micropores. <i>Soft Matter</i> , 2017, 13, 4122-4131.	2.7	10
92	Trigonal columnar self-assembly of bent phasid mesogens. <i>Chemical Communications</i> , 2018, 54, 156-159.	4.1	10
93	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.	3.4	9
94	Double Gyroid Nanostructure Formation by Aggregation-Induced Atropisomerization and Co-Assembly of Ionic Liquid-Crystalline Amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8445-8450.	13.8	9
95	SAXS characterization of polymer-embedded hollow nanoparticles and of their shell porosity. <i>Journal of Applied Crystallography</i> , 2013, 46, 1654-1664.	4.5	8
96	The Solution of the Puzzle of Smectic Q: The Phase Structure and the Origin of Spontaneous Chirality. <i>Angewandte Chemie</i> , 2018, 130, 2885-2890.	2.0	8
97	New Type of Columnar Liquid Crystal Superlattice in Double-Taper Ionic Minidendrons. <i>Chemistry - A European Journal</i> , 2019, 25, 13739-13747.	3.3	7
98	Square and Hexagonal Columnar Liquid Crystals Confined in Square and Triangular Pores. <i>Advanced Functional Materials</i> , 2019, 29, 1806078.	14.9	7
99	A self-assembled liquid crystal honeycomb of highly stretched (3-1-1)-hexagons. <i>Chemical Communications</i> , 2020, 56, 62-65.	4.1	7
100	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.	2.0	7
101	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.	4.8	7
102	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.	4.1	6
103	Triple-Layer Superlattice in Deuterium-Labeled Binary Ultralong Alkanes: A Study by Small-Angle Neutron and X-ray Scattering. <i>Macromolecules</i> , 2003, 36, 4686-4688.	4.8	5
104	An Ising transition of chessboard tilings in a honeycomb liquid crystal. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 396-406.	3.4	5
105	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.	4.1	4
106	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.	5.5	4
107	Semicrystalline and Superlattice Structures in an Asymmetrically Methyl-Branched Long-Chain Alkane. <i>Macromolecules</i> , 2007, 40, 5750-5758.	4.8	3
108	Gyroid-Nanostructured All-Solid Polymer Films Combining High H + Conductivity with Low H <sub>2</sub> Permeability. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100115.	3.9	3



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109	Observation of a frustrated nematic phase in amphiphilic, disc-like complexes of gold(III) containing hydrocarbon and semiperfluorocarbon terminal chains. <i>Liquid Crystals</i> , 2022, 49, 1162-1173.	2.2	3
110	Double- $\gamma$ Gyroid Nanostructure Formation by Aggregation-Induced Atropisomerization and Co-Assembly of Ionic Liquid-Crystalline Amphiphiles. <i>Angewandte Chemie</i> , 2020, 132, 8523-8528.	2.0	2
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.	13.8	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.	2.0	0
113	Small Angle X-ray and Neutron Scattering in the Study of Polymers and Supramolecular Systems. AIP Conference Proceedings, 2008, . .	0.4	0
114	Innentitelbild: Dynamic Mirror-Symmetry Breaking in Bicontinuous Cubic Phases ( <i>Angew. Chem.</i> ) Tj ETQq0 0,0 rgBT /Oerlock 10	2.0	0
115	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.	2.8	0
116	Innentitelbild: The Solution of the Puzzle of Smectic-Q: The Phase Structure and the Origin of Spontaneous Chirality ( <i>Angew. Chem.</i> 11/2018). <i>Angewandte Chemie</i> , 2018, 130, 3029-3029.	2.0	0
117	Supramolecular Networks: Helical Networks of $\pi$ -Conjugated Rods – A Robust Design Concept for Bicontinuous Cubic Liquid Crystalline Phases with Achiral $3\hat{d}$ and Chiral $23$ Lattice ( <i>Adv. Funct. Mater.</i> 45/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070298.	14.9	0
118	The statistics of the ordering of chiral ribbons on a honeycomb lattice. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 083203.	2.3	0