Keiki Kishikawa

List of Publications by Year
in descending order

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174 papers	4,211 citations	147801 31 h-index	138484 58 g-index
185 all docs	185 docs citations	185 times ranked	4195 citing authors

#	Article	IF	Citations
1	Design amphiphilic dipolar Ï€-systems for stimuli-responsive luminescent materials using metastable states. Nature Communications, 2014, 5, 4013.	12.8	324
2	Hierarchical Organization of Photoresponsive Hydrogen-Bonded Rosettes. Journal of the American Chemical Society, 2005, 127, 11134-11139.	13.7	272
3	A Ferroelectrically Switchable Columnar Liquid Crystal Phase with Achiral Molecules:Â Superstructures and Properties of Liquid Crystalline Ureas. Journal of the American Chemical Society, 2005, 127, 2565-2571.	13.7	163
4	Biomimetic non-iridescent structural color materials from polydopamine black particles that mimic melanin granules. Journal of Materials Chemistry C, 2015, 3, 720-724.	5.5	162
5	Full-Color Biomimetic Photonic Materials with Iridescent and Non-Iridescent Structural Colors. Scientific Reports, 2016, 6, 33984.	3.3	150
6	Exciton Coupling and Dipolar Correlations in a Columnar Liquid Crystal:â€‰ Photophysics of a Bent-Rod Hexacatenar Mesogen. Journal of the American Chemical Society, 2000, 122, 2474-2479.	13.7	111
7	Diversification of Self-Organized Architectures in Supramolecular Dye Assemblies. Journal of the American Chemical Society, 2007, 129, 13277-13287.	13.7	106
8	Switchable columnar phases. Journal of Materials Chemistry, 2006, 16, 2412.	6.7	91
9	A colorless functional polydopamine thin layer as a basis for polymer capsules. Polymer Chemistry, 2013, 4, 2696.	3.9	90
10	Pairwise Packing of Anthracene Fluorophore: Hydrogen-Bonding-Assisted Dimer Emission in Solid State. Crystal Growth and Design, 2015, 15, 2291-2302.	3.0	83
11	Photoresponsive Self-Assembly and Self-Organization of Hydrogen-Bonded Supramolecular Tapes. Chemistry - A European Journal, 2006, 12, 3984-3994.	3.3	82
12	Nematic Liquid Crystals with Bent-Rod Shapes:â€‰ Mesomorphic Thiophenes with Lateral Dipole Moments. Chemistry of Materials, 1999, 11, 867-871.	6.7	73
13	Novel Superstructure of Nondiscoid Mesogens:â€‰ Uneven-Parallel Association of Half-Disk Molecules, 3,4,5-Trialkoxybenzoic Anhydrides, to a Columnar Structure and Its One-Directionally Geared Interdigitation. Journal of the American Chemical Society, 2002, 124, 1597-1605.	13.7	72
14	The Interplay of Bent-Shape, Lateral Dipole and Chirality in Thiophene Based Di-, Tri-, and Tetracatenar Liquid Crystals. Journal of the American Chemical Society, 2002, 124, 12742-12751.	13.7	71
15	Room-Temperature Discotic Nematic Liquid Crystals over a Wide Temperature Range:â€‰ Alkali-Metal-Ion-Induced Phase Transition from Discotic Nematic to Columnar Phases. Journal of the American Chemical Society, 2007, 129, 13364-13365.	13.7	69
16	Structural Color Tuning: Mixing Melanin-Like Particles with Different Diameters to Create Neutral Colors. Langmuir, 2017, 33, 3824-3830.	3.5	69
17	Aromatic Foldamers with Iminodicarbonyl Linkers:Â Their Structures and Optical Properties. Journal of Organic Chemistry, 2005, 70, 1423-1431.	3.2	65
18	Melanin Precursor Influence on Structural Colors from Artificial Melanin Particles: PolyDOPA, Polydopamine, and Polynorepinephrine. Langmuir, 2018, 34, 11814-11821.	3.5	63

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19	Supramolecular Polymerization and Polymorphs of Oligo(pâ€phenylene vinylene)â€Functionalized Bisâ€and Monoureas. Chemistry - A European Journal, 2008, 14, 5246-5257.	3.3	60
20	Columnar Superstructures of Non-Disc-Shaped Molecules Generated by Areneâ€“Perfluoroarene Face-to-Face Interactions. Angewandte Chemie - International Edition, 2007, 46, 764-768.	13.8	59
21	Facile Synthesis of Freeâ€Standing Polymer Brush Films Based on a Colorless Polydopamine Thin Layer. Macromolecular Rapid Communications, 2013, 34, 1220-1224.	3.9	56
22	Size control of polydopamine nodules formed on polystyrene particles during dopamine polymerization with carboxylic acid-containing compounds for the fabrication of raspberry-like particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 449, 114-120.	4.7	50
23	Polarization switching in a columnar liquid crystalline urea as studied by optical second-harmonic generation interferometry. Physical Review E, 2005, 72, 020701.	2.1	45
24	Polydopamine-Based 3D Colloidal Photonic Materials: Structural Color Balls and Fibers from Melanin-Like Particles with Polydopamine Shell Layers. ACS Applied Materials & Interfaces, 2018, 10, 7640-7648.	8.0	45
25	Bright structural color films independent of background prepared by the dip-coating of biomimetic melanin-like particles having polydopamine shell layers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 564-569.	4.7	43
26	Self-Assembly ofN,Nâ€˜-Bis(2-tert-Butylphenyl)pyromellitic Diimide and Phenols or Indoles into a Piled Sandwich Structure. Networks Constructed by Weak Hostâ‹¯Host and Strong Hostâ‹¯Guest Interaction in the Clathrate Compounds. Journal of Organic Chemistry, 1999, 64, 7568-7578.	3.2	42
27	Generation of a Chiral Mesophase by Achiral Molecules:â€‰ Absolute Chiral Induction in the Smectic C Phase of 4-Octyloxyphenyl 4-Octyloxybenzoate. Journal of the American Chemical Society, 2005, 127, 1124-1125.	13.7	42
28	Spontaneous Chiral Induction in a Cubic Phase. Chemistry of Materials, 2005, 17, 3812-3819.	6.7	41
29	Generation of Stable Calamitic Liquid-Crystal Phases with Lateral Intermolecular Hydrogen Bonding. Chemistry of Materials, 2004, 16, 2329-2331.	6.7	39
30	Liquid crystalline amides: linear arrangement of rod-like molecules by lateral intermolecular hydrogen bonding and molecular shape effect. Journal of Materials Chemistry, 2004, 14, 3449.	6.7	37
31	Stereoselective Synthesis of 2-Alkylamino-N-(2â€²-alkylphenyl)succinimide Conformers. Chemistry Letters, 1994, 23, 1605-1606.	1.3	35
32	Hydrogen-bonded ionic liquid crystals: pyridinylmethylimidazolium as a versatile building block. Tetrahedron Letters, 2010, 51, 1508-1511.	1.4	32
33	Diastereoselective intramolecular [4â€…+â€…4] photocycloaddition reaction of N-(naphthylcarbonyl)anthracene-9-carboxamides: temperature effects and reversal of diastereoselectivity. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 4464-4468.	1.3	31
34	Enantioselective Intramolecular Aromatic [4 + 4] Photocycloaddition in Crystalline State:â€‰ Parameters for Reactivity. Organic Letters, 2001, 3, 4153-4155.	4.6	30
35	Liquid Crystal and Crystal Structure of Octahomotetraoxacalix[4]arenes. Journal of Organic Chemistry, 2006, 71, 4509-4515.	3.2	30
36	Supramolecular Assemblies of Ferrocene-Hinged Naphthalenediimides: Multiple Conformational Changes in Film States. Journal of the American Chemical Society, 2016, 138, 11245-11253.	13.7	30

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37	Ellipsoidal Artificial Melanin Particles as Building Blocks for Biomimetic Structural Coloration. Langmuir, 2019, 35, 5574-5580.	3.5	30
38	Polymorphism-dependent fluorescence of 9,10-bis(pentafluorobenzoyloxy)anthracene. Tetrahedron Letters, 2008, 49, 39-43.	1.4	29
39	Fixation of Multilayered Structures of Liquid-Crystalline 2:1 Complexes of Benzoic Acid Derivatives and Dipyridyl Compounds and the Effect of Nanopillars on Removal of the Dipyridyl Molecules from the Polymers. Chemistry of Materials, 2008, 20, 1931-1935.	6.7	29
40	Control of Molecular Aggregations by Doping in Mesophases:â€‰ Transformation of Smectic C Phases to Smectic CA Phases by Addition of Long Bent-Core Molecules Possessing a Central Strong Dipole. Chemistry of Materials, 2003, 15, 3443-3449.	6.7	27
41	Utilization of the Perfluoroareneâ€Arene Interaction for Stabilization of Liquid Crystal Phases. Israel Journal of Chemistry, 2012, 52, 800-808.	2.3	27
42	Intramolecular photo[4+2]cycloaddition of an enone with a benzene ring. Journal of the Chemical Society Perkin Transactions 1, 1997, , 77-84.	0.9	26
43	Naphthalene- and Anthracene-Based Aromatic Foldamers with Iminodicarbonyl Linkers:Â Their Stabilities and Application to a Chiral Photochromic System Using Retro [4 + 4] Cycloaddition. Journal of Organic Chemistry, 2006, 71, 8037-8044.	3.2	25
44	Hexagonal Columnar Superstructure Generated by Compact Liquid-crystalline Molecules Possessing Disk-shape,C3-Symmetry, and Ionic Bonding Sites. Chemistry Letters, 2006, 35, 322-323.	1.3	25
45	Why Achiral Rod-like Compound with Ester Group Amplifies Chiral Power in Chiral Mesophase. Chemistry Letters, 2007, 36, 750-751.	1.3	25
46	Diels-Alder reactions of chiral acrylylurea derivatives and resolution of the adducts. Convenient synthesis of optically pure methyl (3R,4R,6R)-bicyclo[2.2.1]heptene-4-carboxylate. Journal of Organic Chemistry, 1989, 54, 2428-2432.	3.2	24
47	U-Shaped Aromatic Ureadicarboxylic Acids as Versatile Building Blocks: Construction of Ladder and Zigzag Networks and Channels. Crystal Growth and Design, 2011, 11, 5387-5395.	3.0	24
48	Difference in guest-inclusion abilities of anti- and syn-rotamers. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2217-2221.	1.3	23
49	Photonic Crystals Fabricated by Block Copolymerization-Induced Microphase Separation. Macromolecules, 2016, 49, 6041-6049.	4.8	23
50	Stereospecificity of the photorearrangement of nitronate anions and its utilization for stereospecific cleavage of cyclic compounds. Journal of Organic Chemistry, 1987, 52, 2327-2330.	3.2	22
51	Preparation of size-controlled polymer particles by polymerization of O/W emulsion monomer droplets obtained through phase inversion temperature emulsification using amphiphilic comb-like block polymers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 68-78.	4.7	21
52	Magnetically Responsive Polymer Network Constructed by Poly(acrylic acid) and Holmium. Macromolecules, 2018, 51, 6740-6745.	4.8	21
53	Liquid crystalline molecules with hydrogen-bonding networks in the direction of molecular short axes. Liquid Crystals, 2010, 37, 209-216.	2.2	20
54	Realization of a lateral directional order in nematic and smectic A phases of rodlike molecules by using perfluoroareneâ€“arene interactions. Soft Matter, 2011, 7, 5176.	2.7	20

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55	Dual-mode of assembly of anthracene-based imidazolium salts both in non-polar organic solvents and in aqueous solution. Chemical Communications, 2011, 47, 9158.	4.1	20
56	Highly peri- and stereoselective intramolecular photocycloaddition and cyclisation of N-(1-naphthylethyl)prop-2-enamides. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2082-2088.	1.3	19
57	Phase-Dependent Emission of Naphthaleneâ^'Anthracene-Based Concave-Shaped Molecules. Crystal Growth and Design, 2006, 6, 2086-2091.	3.0	19
58	Conformation of S-shaped aromatic imide foldamers and their induced circular dichroism. Tetrahedron Letters, 2008, 49, 1223-1227.	1.4	18
59	Piezoluminescence and Liquid Crystallinity of 4,4â€²-(9,10-Anthracenediyl)bispyridinium Salts. Crystal Growth and Design, 2015, 15, 2723-2731.	3.0	17
60	A Convenient Method of Generation of Nitrile Oxides by Iodosylbenzene and Its Reaction.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 2002, 2002, 471-473.	0.1	16
61	Tailoring Liquid-crystalline Supramolecular Structures by Ionic Interactions. Chemistry Letters, 2008, 37, 12-13.	1.3	16
62	Hydrogen-Bonded Dimers of 3,5-Bis(hydroxymethyl)benzoic Acids: Novel Supramolecular Tectons. Crystal Growth and Design, 2009, 9, 3457-3462.	3.0	16
63	Preparation of photochromic liquid core nanocapsules based on theoretical design. Journal of Colloid and Interface Science, 2019, 547, 318-329.	9.4	16
64	Preparation of liquid crystal nanocapsules by polymerization of oil-in-water emulsion monomer droplets. Journal of Colloid and Interface Science, 2020, 563, 122-130.	9.4	16
65	Synthesis of steroidal triply-bridged cyclophanes. Chemical Communications, 1996, , 1869.	4.1	15
66	Stabilization of the blue phases of simple rodlike monoester compounds by addition of their achiral homologues. Journal of Materials Chemistry, 2012, 22, 8484.	6.7	15
67	Simple and Efficient Chiral Dopants to Induce Blue Phases and Their Optical Purity Effects on the Physical Properties of Blue Phases. Journal of Physical Chemistry B, 2014, 118, 10319-10332.	2.6	15
68	Polystyrene latex particles containing europium complexes prepared by miniemulsion polymerization using bovine serum albumin as a surfactant for biochemical diagnosis. Colloids and Surfaces B: Biointerfaces, 2016, 145, 152-159.	5.0	15
69	Stability of norcaradienes. A delicate control by C-7 substituents. Journal of Organic Chemistry, 1993, 58, 4764-4766.	3.2	14
70	Niobium pentachloride-mediated novel homologation reactions using Î±-trialkylstannylmethyl-Î²-keto esters. Chemical Communications, 1996, , 2353-2354.	4.1	14
71	Molecular cleft possessing a cholic acid moiety as a podant and its conformation. Journal of the Chemical Society Perkin Transactions II, 1999, , 833-836.	0.9	14
72	Generation of biaxiality in smectic A phases by introduction of intermolecular perfluoroareneâ€“arene and Câ€“H/F interactions, and the non-oddâ€“even effect of the molecules in their transition temperatures and layer distances. Soft Matter, 2011, 7, 7532.	2.7	14

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73	Generation of Zwitterionic Water Channels: Biszwitterionic Imidazolium Carboxylates as Hydrogen-Bonding Acceptors. Crystal Growth and Design, 2011, 11, 3698-3702.	3.0	14
74	A chemiluminescence sensor with signal amplification based on a self-immolative reaction for the detection of fluoride ion at low concentrations. Tetrahedron, 2017, 73, 3993-3998.	1.9	14
75	On the mechanism of the rearrangement of 7-vinylnorcaradienes. Tetrahedron Letters, 1996, 37, 7761-7764.	1.4	13
76	Investigation of areneâ€“arene interaction in stereoselective MCPBA epoxidation. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 462-468.	1.3	13
77	A new protecting group â€˜3â€²,5â€²-O-sulfinylâ€™ for xylo-nucleosides. A simple and efficient synthesis of 3â€²-amino-3â€²-deoxyadenosine (a puromycin intermediate), 2,2â€²-anhydro-pyrimidine nucleosides and 2â€²,3â€²-anhydro-adenosine. Tetrahedron Letters, 2004, 45, 137-140.	1.4	13
78	Crystal Structures of S-Shaped Phenylenediurea Dibenzoic Acids and Their Cocrystals with Melamine: Unusual Zigzag Tape of H-Bonded Melamine Network. Crystal Growth and Design, 2014, 14, 2209-2217.	3.0	13
79	Adhesion Control of Branched Catecholic Polymers by Acid Stimulation. ACS Omega, 2018, 3, 16626-16632.	3.5	13
80	Generation of Axially Polar Ferroelectricity in a Columnar Liquid Crystal Phase by Introducing Chirality. Advanced Electronic Materials, 2020, 6, 2000201.	5.1	13
81	Diastereoselective hydrochlorination of acrylylurea derivatives using titanium tetrachloride and alcohol. Chelation-controlled Michael addition of chloride and intramolecular proton transfer to the .alpha.-position. Journal of Organic Chemistry, 1993, 58, 7296-7299.	3.2	12
82	Trapping of 1,8-Biradical Intermediates by Molecular Oxygen in Photocycloaddition of Naphthyl-N-(naphthylcarbonyl)carboxamides; Formation of Novel 1,8-Epidioxides and Evidence of Stepwise Aromatic Cycloaddition. Journal of Organic Chemistry, 2001, 66, 66-73.	3.2	12
83	Tailoring of ionic supramolecular assemblies based on ammonium carboxylates toward liquidâ€crystalline micellar cubic mesophases. Liquid Crystals, 2008, 35, 1043-1050.	2.2	12
84	Hairy Polydopamine Particles as Platforms for Photonic and Magnetic Materials. Photonics, 2018, 5, 36.	2.0	12
85	Acid catalyzed, dehydrative aromatization of 1,7-lactol ring fused and 7-hydroxymethyl norcaradienes: A specific cleavage of the C1î—¸C7 bond. Tetrahedron Letters, 1995, 36, 553-554.	1.4	11
86	Amplification of Twisting Power in Chiral Mesophase by Introducing Achiral Rod-like Compound with Ester Group. Chemistry Letters, 2006, 35, 896-897.	1.3	11
87	A simple and efficient synthesis of puromycin, 2,2â€²-anhydro-pyrimidine nucleosides, cytidines and 2â€²,3â€²-anhydroadenosine from 3â€²,5â€²-O-sulfinylXylo-nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 719-734.	1.1	11
88	Three relaxation processes from an electric-field-induced polar structure in a columnar liquid crystalline urea derivative. Physical Review E, 2007, 76, 041701.	2.1	11
89	Surface Modification of Polydopamine Particles <i>via</i> Magnetically-Responsive Surfactants. Transactions of the Materials Research Society of Japan, 2016, 41, 301-304.	0.2	11
90	U-Shaped Ureadicarboxylic Acid as a Versatile Folding Unit for Construction of Zigzag-type Architecture. Crystal Growth and Design, 2011, 11, 1453-1457.	3.0	10

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91	Crystal structure of hydrates of imidazolium salts. Journal of Molecular Structure, 2011, 998, 192-197.	3.6	10
92	Quantification of ATRP initiator density on polymer latex particles by fluorescence labeling technique using copper-catalyzed azide-alkyne cycloaddition. Journal of Polymer Science Part A, 2013, 51, 4042-4051.	2.3	10
93	Full-Color Magnetic Nanoparticles Based on Holmium-Doped Polymers. ACS Applied Polymer Materials, 2020, 2, 1800-1806.	4.4	10
94	Reversal of regioselectivity (straight vs. cross ring closure) in the intramolecular [2+2] photocycloaddition of phenanthrene derivatives. Organic and Biomolecular Chemistry, 2010, 8, 2174.	2.8	9
95	Structural Color Materials from Polydopamine-Inorganic Hybrid Thin Films Inspired by Rock Pigeon Feathers. Kobunshi Ronbunshu, 2017, 74, 54-58.	0.2	9
96	Effect of the Polydopamine Composite Method on Structural Coloration: Comparison of Binary and Unary Assembly of Colloidal Particles. Langmuir, 2020, 36, 11880-11887.	3.5	9
97	Control of Structural Coloration by Natural Sunlight Irradiation on a Melanin Precursor Polymer Inspired by Skin Tanning. Biomacromolecules, 2021, 22, 1730-1738.	5.4	9
98	Creation of Concave-Shaped Conformation in Crystal Structures Using an Iminodicarbonyl Linker. An Application to Solid-State Intramolecular [4 + 4] Photocycloaddition Reactions of 2-Pyridone Derivatives. Bulletin of the Chemical Society of Japan, 2005, 78, 1127-1131.	3.2	8
99	Hierarchically Structured Coatings by Colorless Polydopamine Thin Layer and Polymer Brush Layer. Transactions of the Materials Research Society of Japan, 2014, 39, 157-160.	0.2	8
100	Effect of the number of chiral mesogenic units and their spatial arrangement in dopant molecules on the stabilisation of blue phases. Liquid Crystals, 2014, 41, 839-849.	2.2	8
101	Achiral straight-rod liquid crystals indicating local biaxiality and ferroelectric switching behavior in the smectic A and nematic phases. Journal of Materials Chemistry C, 2015, 3, 3574-3581.	5.5	8
102	Why chiral tartaric imide derivatives give large helical twisting powers in nematic liquid crystal phases: substituent-effect approach to investigate intermolecular interactions between dopant and liquid crystalline molecules. Liquid Crystals, 2017, 44, 956-968.	2.2	8
103	Inter- and intra-molecular selectivity in the cyclisation of N-cinnamoyl-1-naphthamides in solid-state photochemistry and peri selectivity in their photocyclisation in solution. Journal of the Chemical Society Perkin Transactions 1, 1996, , 529.	0.9	7
104	Reaction-Phase-Selective Inter- and Intramolecular Photochemical Reaction of 2-Pyridone Derivatives. Organic Letters, 2004, 6, 683-685.	4.6	7
105	Electro-optic Kerr effect in the isotropic phase above the columnar phase of a urea derivative. Physical Review E, 2007, 75, 050701.	2.1	7
106	Ferroelectrically Switchable Columnar Liquid Crystalline Ureas. Molecular Crystals and Liquid Crystals, 2009, 498, 11-18.	0.9	7
107	Nanogel particle-based lanthanide composites for transparent magnetic materials. Materials Letters, 2019, 254, 278-281.	2.6	7
108	Poly-Î²-Ketoester Particles as a Versatile Scaffold for Lanthanide-Doped Colorless Magnetic Materials. ACS Applied Polymer Materials, 2020, 2, 2170-2178.	4.4	7

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109	Dielsâ€“Alder Reaction of Chiral Acrylamide and a Convenient Synthesis of Optically Pure Methyl (3R,) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	6
110	Stereoselective Rearrangement of Chiral Acylisoureas and a Model for the Transition State. Chemistry Letters, 1988, 17, 351-352.	1.3	6
111	Resolution of Dielsâ€“Alder Adducts Using a Chiral Carbodiimide. Chemistry Letters, 1990, 19, 1009-1010.	1.3	6
112	Hydrochlorination of Acryloylureas Using Titanium Tetrachloride and 2-Propanol. Chemistry Letters, 1990, 19, 1123-1124.	1.3	6
113	Volume Effect of Alkyl Chains on Organization of Ionic Self-Assemblies toward Hexagonal Columnar Mesophases. Bulletin of the Chemical Society of Japan, 2008, 81, 778-783.	3.2	6
114	Cocrystals of U-shaped ureadicarboxylic acid with 2-aminopyrimidine and melamine: rhombus-shaped cyclic heterotetramer motifs. Tetrahedron Letters, 2012, 53, 3903-3906.	1.4	6
115	Conformation-Directed Hydrogen-Bonding in meta-Substituted Aromatic Ureadicarboxylic Acid: A Conformationally Flexible U-Shaped Building Block. Crystal Growth and Design, 2013, 13, 2327-2334.	3.0	6
116	Hydrogen bond network-stabilisation of blue phases by addition of a chiral N-(10-hydroxydecyl)succinimide derivative and alkane diols. Liquid Crystals, 2017, 44, 1332-1339.	2.2	6
117	Shapeâ€Assisted Selfâ€Organization in Highly Disordered Liquid Crystal Phases. Angewandte Chemie - International Edition, 2017, 56, 4598-4602.	13.8	6
118	In-situ assembly of diblock copolymers onto submicron-sized particles for preparation of core-shell and ellipsoidal particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 512, 80-86.	4.7	6
119	Bright Solvent Sensor Using an Inverse Opal Structure Containing Melanin-mimicking Polydopamine. Chemistry Letters, 2021, 50, 106-109.	1.3	6
120	The Effect of Î²-Nitro Group on the Reactivity and the Stereoselectivity of Amidation of Bicyclic Acids by Dehydration with DCC. Synthetic Communications, 1989, 19, 993-999.	2.1	5
121	A Two-Step Synthesis Of (Â±)-Blastmycinolactol Using Acylurea. Synthetic Communications, 1990, 20, 2339-2347.	2.1	5
122	Diastereomeric separation of Î±-amino acid derivatives using a chiral carbodiimide. Analytica Chimica Acta, 1990, 239, 297-299.	5.4	5
123	Conformation of N-cyclopropylcarbonylureas. Solvent polarity dependent chemical shifts. Journal of the Chemical Society Perkin Transactions II, 1994, , 1565.	0.9	5
124	Conformational Locking by Intramolecular Hydrogen Bonding and Unlocking by Solvation Using 7-Vinylnorcaradienes. Bulletin of the Chemical Society of Japan, 1996, 69, 3261-3265.	3.2	5
125	Photospecific cleavage of one of the cyclopropyl Ï‚-bonds of vinylnorcaradienes. Chemical Communications, 1997, , 1973.	4.1	5
126	Liquid-Crystalline Compounds Consisting of Two Mesogenic Cores in Parallel Conformation. Chemistry of Materials, 2001, 13, 2468-2471.	6.7	5

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127	â€œTuning forkâ€•shaped mesogens: large hysteresis in the interdigitated layer structure in the liquid crystal phases. Journal of Materials Chemistry, 2004, 14, 2612-2621.	6.7	5
128	A hexagonal columnar packing structure of C7 symmetric supramolecules: a superstructure of a 2:3 complex of heptakis-(6-O-tert-butyldimethylsilyl)-Î²-cyclodextrin and ethyl acetate. Crystal Research and Technology, 2006, 41, 1242-1245.	1.3	5
129	Double nitro-Mannich reaction utilizing in situ generated N-trimethylsilylaldimines: novel four-component one-pot synthesis of nitroimines. Tetrahedron, 2008, 64, 1388-1396.	1.9	5
130	Transformation of Î²-Nitro Alcohols to the Corresponding Nitro Imines with Lithium Hexamethyldisilazide (LHMDS) via Sequential Retro Nitro-Aldolâ€“Nitro-Mannich Reaction. Synthetic Communications, 2009, 39, 868-874.	2.1	5
131	Relation between the Spontaneous Polarization and Alkyl Chain Length in Ferroelectric Switching of Columnar Liquid-Crystalline Ureas. Molecular Crystals and Liquid Crystals, 2010, 516, 107-113.	0.9	5
132	Preparation of polymer latex particles carrying salt-responsive fluorescent graft chains. Polymer, 2014, 55, 5080-5087.	3.8	5
133	First Carbamoyloxa-Bridged Cyclophane: Synthesis and Crystal Structures of Two Isolable Conformers. Journal of Organic Chemistry, 1994, 59, 935-937.	3.2	4
134	Generation of Square-Shaped Cyclic Dimers vs Zigzag Hydrogen-Bonding Networks and Pseudoconformational Polymorphism of Tethered Benzoic Acids. Crystal Growth and Design, 2009, 9, 5017-5020.	3.0	4
135	Efficient synthesis and magnetic properties of triphenylamine bearing three nitronylnitroxide radicals. Synthetic Metals, 2011, 161, 1557-1562.	3.9	4
136	Oddâ€“Even Effect of Dopant Molecules on Clearing Temperatures of Nematic Liquid-crystal Phases. Chemistry Letters, 2012, 41, 1465-1467.	1.3	4
137	Preparation of Polymer Nanoparticles via Phase Inversion Temperature Method Using Amphiphilic Block Polymer Synthesized by Atom Transfer Radical Polymerization. Transactions of the Materials Research Society of Japan, 2014, 39, 125-128.	0.2	4
138	Acid-induced Control of Surface Properties Using a Catecholic Silane Coupling Reagent. Chemistry Letters, 2019, 48, 551-554.	1.3	4
139	A Low-temperature Axially Polar Ferroelectric Columnar Liquid Crystal Compound Possessing Branched Alkyl Chains. Chemistry Letters, 2020, 49, 768-770.	1.3	4
140	Stimuli-Responsive Biomimetic Metallic Luster Films Using Dye Absorption and Specular Reflection from Layered Microcrystals. ACS Applied Polymer Materials, 2021, 3, 1819-1827.	4.4	4
141	Chiral Self-Sorting and the Realization of Ferroelectricity in the Columnar Liquid Crystal Phase of an Optically Inactive N,Nâ€²-Diphenylurea Derivative Possessing Six (Â±)-Citronellyl Groups. ACS Omega, 2021, 6, 18451-18457.	3.5	4
142	Regio- and Stereoseloctive Intramolecular Epoxide Cyclizations.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1992, 50, 638-651.	0.1	4
143	Enantioseparation of N-(1-arylethyl)amides by column chromatography. Chiral recognition using a hydrogen bond acceptor centered in a pseudo-C2 symmetric environment. Tetrahedron: Asymmetry, 1995, 6, 329-332.	1.8	3
144	Enantioseparation of N-(1-arylethyl)amides and Î±-[N-(3,5-dinitrobenzoyl)]amino esters by column chromatography. Chiral recognition using a hydrogen bond acceptor centered in a pseudo-C2 symmetric environment. 2. Tetrahedron: Asymmetry, 1996, 7, 1733-1739.	1.8	3

#	Article	IF	Citations
145	A Highly Diastereoselective Synthesis ofÎ±-Substituted-Î²-hydroxy Compounds from CorrespondingÎ²-Stannyl Compounds. Chemistry Letters, 1997, 26, 1035-1036.	1.3	3
146	Calamitic Liquid Crystalline Molecules with Lateral Intermolecular Hydrogen Bonding. Molecular Crystals and Liquid Crystals, 2005, 439, 173/[2039]-177/[2043].	0.9	3
147	Crystal structure of zwitterionic bisimidazolium sulfonates. Journal of Molecular Structure, 2012, 1015, 6-11.	3.6	3
148	Shapeâ€Assisted Selfâ€Organization in Highly Disordered Liquid Crystal Phases. Angewandte Chemie, 2017, 129, 4669-4673.	2.0	3
149	A Polarity-adjustable Columnar Liquid Crystalline Compound by Intermittent Voltage Application. Chemistry Letters, 2019, 48, 315-318.	1.3	3
150	Construction of a liquid crystalline double helix supramolecular structure and its electro-responsive behaviour. Liquid Crystals, 2021, 48, 295-306.	2.2	3
151	External stimulus control of structural color visibility using colloidal particles covered with a catecholic polymer shell layer. Polymer Journal, 2022, 54, 1039-1043.	2.7	3
152	Lewis Acid Mediated Addition of Tri-n-Butylstannylmethylisoxazole with Aldehydes. Synthetic Communications, 1996, 26, 2177-2187.	2.1	2
153	Crystal Structures of Aromatic Chain Imides Possessing a Concave-shaped Conformation. Analytical Sciences: X-ray Structure Analysis Online, 2005, 21, X33-X34.	0.1	2
154	Micro-segregated layer structures generated by liquid crystalline dimers possessing an oligo(ethylene glycol) spacer and two terminal alkyl chains. Materials Letters, 2007, 61, 2915-2918.	2.6	2
155	Stabilization of Î³-lactam and lactone ring-fused norcaradienes by protonation: DFT calculations of norcaradiene and the corresponding cycloheptatriene structures. Journal of Molecular Structure, 2010, 964, 47-51.	3.6	2
156	A Green Approach for the Synthesis of Fluorescent Polymer Particles by Combined Use of Enzymatic Miniemulsion Polymerization with Clickable Surfmer and Click Reaction. Transactions of the Materials Research Society of Japan, 2014, 39, 57-60.	0.2	2
157	Simple and highly efficient chiral dopant molecules possessing both rod- and arch-like units. Soft Matter, 2014, 10, 6582-6588.	2.7	2
158	Does Introduction of a Bent Tail Stabilize Biaxiality and Lateral Switching Behavior of Smectic A Liquid Crystal Phases of Rodlike Molecules?. Journal of Physical Chemistry B, 2019, 123, 4324-4332.	2.6	2
159	Glycopolymer-Grafted Polymer Particles for Lectin Recognition. Methods in Molecular Biology, 2016, 1367, 137-147.	0.9	2
160	Electro-Responsive Columnar Liquid Crystal Phases Generated by Achiral Molecules. , 2015, , 653-668.		2
161	A selectable approach for polarity-fixed and polarity-controllable polymer films with hexagonal columnar structures. Materials Letters, 2020, 272, 127863.	2.6	2
162	A thermo-birefringence switchable columnar liquid crystalline compound. Materials Letters, 2022, 307, 131055.	2.6	2

#	Article	IF	Citations
163	Colorless Magnetic Colloidal Particles Based on an Amorphous Metalâ€Organic Framework Using Holmium as the Metal Species.. ChemNanoMat, 2022, 8, .	2.8	2
164	Intramolecular photocycloaddition of cyclopropenes. Ring strain-driven hydrogen transfer of 1,4-biradical intermediates. Tetrahedron Letters, 1996, 37, 8879-8882.	1.4	1
165	Discovery of a novel route to 2'-deoxy and 2'-functional pyrimidine nucleosides via 3',5'-O-sulfinyl xylo-nucleosides. Nucleic Acids Symposium Series, 2002, 2, 137-138.	0.3	1
166	Preparation of Electro-optically Responsive Liquid Crystal Nanocapsules by Miniemulsion Polymerization of Oil-in-Water Emulsion Monomer Droplets. Chemistry Letters, 2021, 50, 1566-1569.	1.3	1
167	Highly Ordered Organic Piezoresponsive Materials Obtained by Cross-linking Electroresponsive Columnar Liquid Crystal Compounds. Chemistry Letters, 2021, 50, 35-38.	1.3	1
168	Construction of Superstructures in Liquid Crystalline Molecular Aggregates Using Lateral Intermolecular Interactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 368-376.	0.1	1
169	Synthesis of luminescent coreâ€“shell polymer particles carrying amino groups for covalent immobilization of enzymes. Colloid and Polymer Science, 2022, 300, 319-331.	2.1	1
170	Photochemical formal [4? + 2? + 2?] cycloreversion of 7,8-diaza-3-oxatricyclo[4.2.102,5]non-7-enes. Journal of Physical Organic Chemistry, 1995, 8, 799-804.	1.9	0
171	Regioselective Aldol Addition Reaction of Nitroalkane Dianions.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 2002, 2002, 475-479.	0.1	0
172	Creation of Concave-Shaped Conformation in Crystal Structures Using an Iminodicarbonyl Linker. An Application to Solid-State Intramolecular [4 + 4] Photocycloaddition Reactions of 2-Pyridone Derivatives.. ChemInform, 2005, 36, no.	0.0	0
173	Induction of a Columnar Liquid Crystal Phase at Low Temperature by Replacing Stearyl Groups with Oleyl Groups in a Discoid Molecule, and Efficient Chiral Amplification in the Liquid Crystal Phase. Chemistry Letters, 2022, 51, 735-738.	1.3	0
174	Front Cover: Colorless Magnetic Colloidal Particles Based on an Amorphous Metalâ€Organic Framework Using Holmium as the Metal Species. (ChemNanoMat 7/2022). ChemNanoMat, 2022, 8, .	2.8	0