Keiki Kishikawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6003417/publications.pdf

Version: 2024-02-01

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	A thermo-birefringence switchable columnar liquid crystalline compound. Materials Letters, 2022, 307, 131055.	2.6	2
2	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
3	Colorless Magnetic Colloidal Particles Based on an Amorphous Metalâ€Organic Framework Using Holmium as the Metal Species.. ChemNanoMat, 2022, 8, .	2.8	2
4	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
5	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
6	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
7	Construction of a liquid crystalline double helix supramolecular structure and its electro-responsive behaviour. Liquid Crystals, 2021, 48, 295-306.	2.2	3
8	Bright Solvent Sensor Using an Inverse Opal Structure Containing Melanin-mimicking Polydopamine. Chemistry Letters, 2021, 50, 106-109.	1.3	6
9	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
10	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
11	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
12	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
13	Highly Ordered Organic Piezoresponsive Materials Obtained by Cross-linking Electroresponsive Columnar Liquid Crystal Compounds. Chemistry Letters, 2021, 50, 35-38.	1.3	1
14	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
15	Generation of Axially Polar Ferroelectricity in a Columnar Liquid Crystal Phase by Introducing Chirality. Advanced Electronic Materials, 2020, 6, 2000201.	5.1	13
16	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
17	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
18	A Low-temperature Axially Polar Ferroelectric Columnar Liquid Crystal Compound Possessing Branched Alkyl Chains. Chemistry Letters, 2020, 49, 768-770.	1.3	4

#	Article	IF	Citations
19	Full-Color Magnetic Nanoparticles Based on Holmium-Doped Polymers. ACS Applied Polymer Materials, 2020, 2, 1800-1806.	4.4	10
20	A selectable approach for polarity-fixed and polarity-controllable polymer films with hexagonal columnar structures. Materials Letters, 2020, 272, 127863.	2.6	2
21	Acid-induced Control of Surface Properties Using a Catecholic Silane Coupling Reagent. Chemistry Letters, 2019, 48, 551-554.	1.3	4
22	Nanogel particle-based lanthanide composites for transparent magnetic materials. Materials Letters, 2019, 254, 278-281.	2.6	7
23	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
24	A Polarity-adjustable Columnar Liquid Crystalline Compound by Intermittent Voltage Application. Chemistry Letters, 2019, 48, 315-318.	1.3	3
25	Preparation of photochromic liquid core nanocapsules based on theoretical design. Journal of Colloid and Interface Science, 2019, 547, 318-329.	9.4	16
26	Ellipsoidal Artificial Melanin Particles as Building Blocks for Biomimetic Structural Coloration. Langmuir, 2019, 35, 5574-5580.	3.5	30
27	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
28	Hairy Polydopamine Particles as Platforms for Photonic and Magnetic Materials. Photonics, 2018, 5, 36.	2.0	12
29	Adhesion Control of Branched Catecholic Polymers by Acid Stimulation. ACS Omega, 2018, 3, 16626-16632.	3.5	13
30	Melanin Precursor Influence on Structural Colors from Artificial Melanin Particles: PolyDOPA, Polydopamine, and Polynorepinephrine. Langmuir, 2018, 34, 11814-11821.	3.5	63
31	Magnetically Responsive Polymer Network Constructed by Poly(acrylic acid) and Holmium. Macromolecules, 2018, 51, 6740-6745.	4.8	21
32	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
33	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
34	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
35	Structural Color Tuning: Mixing Melanin-Like Particles with Different Diameters to Create Neutral Colors. Langmuir, 2017, 33, 3824-3830.	3.5	69
36	Shapeâ€Assisted Selfâ€Organization in Highly Disordered Liquid Crystal Phases. Angewandte Chemie - International Edition, 2017, 56, 4598-4602.	13.8	6

#	Article	IF	Citations
37	Shapeâ€Assisted Selfâ€Organization in Highly Disordered Liquid Crystal Phases. Angewandte Chemie, 2017, 129, 4669-4673.	2.0	3
38	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
39	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
40	Structural Color Materials from Polydopamine-Inorganic Hybrid Thin Films Inspired by Rock Pigeon Feathers. Kobunshi Ronbunshu, 2017, 74, 54-58.	0.2	9
41	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
42	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
43	Photonic Crystals Fabricated by Block Copolymerization-Induced Microphase Separation. Macromolecules, 2016, 49, 6041-6049.	4.8	23
44	Full-Color Biomimetic Photonic Materials with Iridescent and Non-Iridescent Structural Colors. Scientific Reports, 2016, 6, 33984.	3.3	150
45	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
46	Glycopolymer-Grafted Polymer Particles for Lectin Recognition. Methods in Molecular Biology, 2016, 1367, 137-147.	0.9	2
47	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
48	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
49	Pairwise Packing of Anthracene Fluorophore: Hydrogen-Bonding-Assisted Dimer Emission in Solid State. Crystal Growth and Design, 2015, 15, 2291-2302.	3.0	83
50	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
51	Piezoluminescence and Liquid Crystallinity of 4,4â€²-(9,10-Anthracenediyl)bispyridinium Salts. Crystal Growth and Design, 2015, 15, 2723-2731.	3.0	17
52	Electro-Responsive Columnar Liquid Crystal Phases Generated by Achiral Molecules. , 2015, , 653-668.		2
53	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
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	Preparation of polymer latex particles carrying salt-responsive fluorescent graft chains. Polymer, 2014, 55, 5080-5087.	3.8	5
60	Simple and highly efficient chiral dopant molecules possessing both rod- and arch-like units. Soft Matter, 2014, 10, 6582-6588.	2.7	2
61	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
62	Design amphiphilic dipolar Ï€-systems for stimuli-responsive luminescent materials using metastable states. Nature Communications, 2014, 5, 4013.	12.8	324
63	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
64	A colorless functional polydopamine thin layer as a basis for polymer capsules. Polymer Chemistry, 2013, 4, 2696.	3.9	90
65	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
66	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
67	Oddâ€“Even Effect of Dopant Molecules on Clearing Temperatures of Nematic Liquid-crystal Phases. Chemistry Letters, 2012, 41, 1465-1467.	1.3	4
68	Utilization of the Perfluoroareneâ€Arene Interaction for Stabilization of Liquid Crystal Phases. Israel Journal of Chemistry, 2012, 52, 800-808.	2.3	27
69	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
70	Crystal structure of zwitterionic bisimidazolium sulfonates. Journal of Molecular Structure, 2012, 1015, 6-11.	3.6	3
71	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
72	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

#	Article	IF	Citations
73	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
74	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
75	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
76	Generation of Zwitterionic Water Channels: Biszwitterionic Imidazolium Carboxylates as Hydrogen-Bonding Acceptors. Crystal Growth and Design, 2011, 11, 3698-3702.	3.0	14
77	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
78	Efficient synthesis and magnetic properties of triphenylamine bearing three nitronylnitroxide radicals. Synthetic Metals, 2011, 161, 1557-1562.	3.9	4
79	Crystal structure of hydrates of imidazolium salts. Journal of Molecular Structure, 2011, 998, 192-197.	3.6	10
80	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
81	Hydrogen-bonded ionic liquid crystals: pyridinylmethylimidazolium as a versatile building block. Tetrahedron Letters, 2010, 51, 1508-1511.	1.4	32
82	Liquid crystalline molecules with hydrogen-bonding networks in the direction of molecular short axes. Liquid Crystals, 2010, 37, 209-216.	2.2	20
83	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
84	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
85	Ferroelectrically Switchable Columnar Liquid Crystalline Ureas. Molecular Crystals and Liquid Crystals, 2009, 498, 11-18.	0.9	7
86	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
87	Hydrogen-Bonded Dimers of 3,5-Bis(hydroxymethyl)benzoic Acids: Novel Supramolecular Tectons. Crystal Growth and Design, 2009, 9, 3457-3462.	3.0	16
88	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
89	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
90	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

#	Article	IF	Citations
91	Polymorphism-dependent fluorescence of 9,10-bis(pentafluorobenzoyloxy)anthracene. Tetrahedron Letters, 2008, 49, 39-43.	1.4	29
92	Conformation of S-shaped aromatic imide foldamers and their induced circular dichroism. Tetrahedron Letters, 2008, 49, 1223-1227.	1.4	18
93	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
94	Tailoring of ionic supramolecular assemblies based on ammonium carboxylates toward liquidâ€crystalline micellar cubic mesophases. Liquid Crystals, 2008, 35, 1043-1050.	2.2	12
95	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
96	Tailoring Liquid-crystalline Supramolecular Structures by Ionic Interactions. Chemistry Letters, 2008, 37, 12-13.	1.3	16
97	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
98	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
99	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
100	Why Achiral Rod-like Compound with Ester Group Amplifies Chiral Power in Chiral Mesophase. Chemistry Letters, 2007, 36, 750-751.	1.3	25
101	Diversification of Self-Organized Architectures in Supramolecular Dye Assemblies. Journal of the American Chemical Society, 2007, 129, 13277-13287.	13.7	106
102	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
103	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
104	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
105	Phase-Dependent Emission of Naphthaleneâ^'Anthracene-Based Concave-Shaped Molecules. Crystal Growth and Design, 2006, 6, 2086-2091.	3.0	19
106	Switchable columnar phases. Journal of Materials Chemistry, 2006, 16, 2412.	6.7	91
107	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
108	Liquid Crystal and Crystal Structure of Octahomotetraoxacalix[4]arenes. Journal of Organic Chemistry, 2006, 71, 4509-4515.	3.2	30

#	Article	IF	Citations
109	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
110	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
111	Photoresponsive Self-Assembly and Self-Organization of Hydrogen-Bonded Supramolecular Tapes. Chemistry - A European Journal, 2006, 12, 3984-3994.	3.3	82
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	Calamitic Liquid Crystalline Molecules with Lateral Intermolecular Hydrogen Bonding. Molecular Crystals and Liquid Crystals, 2005, 439, 173/[2039]-177/[2043].	0.9	3
120	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
121	Aromatic Foldamers with Iminodicarbonyl Linkers:Â Their Structures and Optical Properties. Journal of Organic Chemistry, 2005, 70, 1423-1431.	3.2	65
122	Hierarchical Organization of Photoresponsive Hydrogen-Bonded Rosettes. Journal of the American Chemical Society, 2005, 127, 11134-11139.	13.7	272
123	Spontaneous Chiral Induction in a Cubic Phase. Chemistry of Materials, 2005, 17, 3812-3819.	6.7	41
124	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
125	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
126	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

#	Article	IF	Citations
127	Reaction-Phase-Selective Inter- and Intramolecular Photochemical Reaction of 2-Pyridone Derivatives. Organic Letters, 2004, 6, 683-685.	4.6	7
128	Generation of Stable Calamitic Liquid-Crystal Phases with Lateral Intermolecular Hydrogen Bonding. Chemistry of Materials, 2004, 16, 2329-2331.	6.7	39
129	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
130	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
131	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
132	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
133	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
134	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
135	Investigation of areneâ€“arene interaction in stereoselective MCPBA epoxidation. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 462-468.	1.3	13
136	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
137	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
138	Liquid-Crystalline Compounds Consisting of Two Mesogenic Cores in Parallel Conformation. Chemistry of Materials, 2001, 13, 2468-2471.	6.7	5
139	Enantioselective Intramolecular Aromatic [4 + 4] Photocycloaddition in Crystalline State:â€‰ Parameters for Reactivity. Organic Letters, 2001, 3, 4153-4155.	4.6	30
140	Difference in guest-inclusion abilities of anti- and syn-rotamers. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2217-2221.	1.3	23
141	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
142	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
143	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
144	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

#	Article	IF	Citations
145	Nematic Liquid Crystals with Bent-Rod Shapes:â€‰ Mesomorphic Thiophenes with Lateral Dipole Moments. Chemistry of Materials, 1999, 11, 867-871.	6.7	73
146	A Highly Diastereoselective Synthesis ofÎ±-Substituted-Î²-hydroxy Compounds from CorrespondingÎ²-Stannyl Compounds. Chemistry Letters, 1997, 26, 1035-1036.	1.3	3
147	Photospecific cleavage of one of the cyclopropyl Ï‚-bonds of vinylnorcaradienes. Chemical Communications, 1997, , 1973.	4.1	5
148	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
149	Lewis Acid Mediated Addition of Tri-n-Butylstannylmethylisoxazole with Aldehydes. Synthetic Communications, 1996, 26, 2177-2187.	2.1	2
150	Niobium pentachloride-mediated novel homologation reactions using Î±-trialkylstannylmethyl-Î²-keto esters. Chemical Communications, 1996, , 2353-2354.	4.1	14
151	Synthesis of steroidal triply-bridged cyclophanes. Chemical Communications, 1996, , 1869.	4.1	15
152	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
153	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
154	On the mechanism of the rearrangement of 7-vinylnorcaradienes. Tetrahedron Letters, 1996, 37, 7761-7764.	1.4	13
155	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
156	Intramolecular photocycloaddition of cyclopropenes. Ring strain-driven hydrogen transfer of 1,4-biradical intermediates. Tetrahedron Letters, 1996, 37, 8879-8882.	1.4	1
157	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
158	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
159	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
160	Conformation of N-cyclopropylcarbonylureas. Solvent polarity dependent chemical shifts. Journal of the Chemical Society Perkin Transactions II, 1994, , 1565.	0.9	5
161	First Carbamoyloxa-Bridged Cyclophane: Synthesis and Crystal Structures of Two Isolable Conformers. Journal of Organic Chemistry, 1994, 59, 935-937.	3.2	4
162	Stereoselective Synthesis of 2-Alkylamino-N-(2â€²-alkylphenyl)succinimide Conformers. Chemistry Letters, 1994, 23, 1605-1606.	1.3	35

#	Article	IF	Citations
163	Stability of norcaradienes. A delicate control by C-7 substituents. Journal of Organic Chemistry, 1993, 58, 4764-4766.	3.2	14
164	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
165	Regio- and Stereoseloctive Intramolecular Epoxide Cyclizations.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1992, 50, 638-651.	0.1	4
166	A Two-Step Synthesis Of (Â±)-Blastmycinolactol Using Acylurea. Synthetic Communications, 1990, 20, 2339-2347.	2.1	5
167	Resolution of Dielsâ€“Alder Adducts Using a Chiral Carbodiimide. Chemistry Letters, 1990, 19, 1009-1010.	1.3	6
168	Hydrochlorination of Acryloylureas Using Titanium Tetrachloride and 2-Propanol. Chemistry Letters, 1990, 19, 1123-1124.	1.3	6
169	Diastereomeric separation of Î±-amino acid derivatives using a chiral carbodiimide. Analytica Chimica Acta, 1990, 239, 297-299.	5.4	5
170	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
171	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
172	Dielsâ€“Alder Reaction of Chiral Acrylamide and a Convenient Synthesis of Optically Pure Methyl (3R,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	6
173	Stereoselective Rearrangement of Chiral Acylisoureas and a Model for the Transition State. Chemistry Letters, 1988, 17, 351-352.	1.3	6
174	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