

Mizuho Kondo

List of Publications by Year in descending order

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75
papers

2,008
citations

759233

12
h-index

243625

44
g-index

79
all docs

79
docs citations

79
times ranked

1895
citing authors

#	ARTICLE	IF	CITATIONS
1	Birefringence Control of Photoalignable Liquid Crystalline Polymers Based on an <i>In Situ</i> Exchange of Oriented Mesogenic Side Groups. <i>Chemistry Letters</i> , 2022, 51, 91-93.	1.3	3
2	Fabrication of Polarization Grating on N-Benzylideneaniline Polymer Liquid Crystal and Control of Diffraction Beam. <i>Crystals</i> , 2022, 12, 273.	2.2	1
3	Polarized Fluorescence of <i>N</i> -Salicylideneaniline Derivatives Formed by <i>In Situ</i> Exchange from <i>N</i> -Benzylideneaniline Side Groups in Photoaligned Liquid Crystalline Copolymer Films. <i>Langmuir</i> , 2022, 38, 2862-2871.	3.5	4
4	Photoinduced bending behavior of uniaxial aligned crosslinked NBA liquid crystalline polymer films. <i>Molecular Crystals and Liquid Crystals</i> , 2022, 733, 16-21.	0.9	1
5	Thermally stable birefringent films from a liquid crystalline polymer having side groups containing N-benzylideneaniline. <i>Molecular Crystals and Liquid Crystals</i> , 2022, 733, 9-15.	0.9	1
6	Photoinduced phase transition of N-benzylideneaniline liquid crystalline polymer and applications of photodismantlable adhesives. <i>Reactive and Functional Polymers</i> , 2022, 174, 105247.	4.1	2
7	Photoinduced Reorientation and Polarized Fluorescence of a Photoalignable Liquid Crystalline Polymer. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6440.	2.5	1
8	Mechano-induced photoluminescence colour change in an alkyltolane-terminated cyanostilbene. <i>CrystEngComm</i> , 2021, 23, 5869-5875.	2.6	3
9	Mechanoresponsive Behavior of Rod-like Liquid Crystalline Luminophores on an Alignment Layer. <i>Chemistry Letters</i> , 2021, 50, 812-815.	1.3	3
10	Photoinduced Exfoliation of a Polymeric <i>N</i> -Benzylideneaniline Liquid Crystalline Composite Based on a Photoisomerization-Triggered Phase Transition. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100097.	2.2	3
11	Photoinduced Molecular Reorientation of a Liquid Crystalline Polymer with a High Birefringence. <i>Chemistry Letters</i> , 2021, 50, 912-915.	1.3	4
12	Blue-Shifting Mechanofluorochromic Luminescent Behavior of Polymer Composite Films Using Gelable Mechanoresponsive Compound. <i>Crystals</i> , 2021, 11, 950.	2.2	1
13	Photoinduced Reorientation and Photofunctional Control of Liquid Crystalline Copolymers with <i>In Situ</i> -Formed <i>N</i> -Benzylideneaniline Derivative Side Groups. <i>Langmuir</i> , 2021, 37, 1164-1172.	3.5	8
14	Birefringent Control of Photo-Oriented Polymeric Films by <i>In Situ</i> Exchange of Functional Moieties. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2021, 34, 511-515.	0.3	1
15	Photomechanical materials driven by photoisomerization or photodimerization. <i>Polymer Journal</i> , 2020, 52, 1027-1034.	2.7	19
16	Homogeneous Photoalignment of Liquid Crystals without Precoated Alignment Layers. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2019, 32, 549-552.	0.3	0
17	Controlling the Emergence and Shift Direction of Mechanochromic Luminescence Color of a Pyridine-Terminated Compound. <i>Chemistry - an Asian Journal</i> , 2019, 14, 471-479.	3.3	12
18	Coatable Photomobile Polymer Films Using Spring-Like Photochromic Compounds. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700602.	2.2	9

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19	Photoinduced Birefringent Pattern and Photoinactivation of Liquid-Crystalline Copolymer Films with Benzoic Acid and Phenylaldehyde Side Groups. <i>Langmuir</i> , 2018, 34, 2089-2095.	3.5	12
20	Influence of alkylene spacer length on the photoinduced reorientation of polymethacrylate with benzoic acid side groups and <i>N</i> -benzylideneaniline carboxylic acid composite films. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 676, 2-8.	0.9	0
21	Area-selective Photodeformation Behavior of <i>N</i> -benzylideneaniline Liquid Crystalline Polymeric Films Prepared with Sublimed Crosslinker. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 676, 9-16.	0.9	1
22	Hydrogen Bonded Photoreactive Polymer Liquid Crystal Containing Pyridyl Terminated <i>N</i> -benzylideneaniline. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 305-309.	0.3	3
23	Photoinduced Reorientation and Surface Relief Formation in Diblock and Random Copolymers with Benzoic Acid and Alkyloxy Side Groups. <i>Macromolecules</i> , 2018, 51, 5392-5400.	4.8	3
24	Birefringent Pattern Formation in Photoinactive Liquid Crystalline Polymer Films Based on a Photoalignment Technique with Top-Coating of Cinnamic Acid Derivatives via H-Bonds. <i>Langmuir</i> , 2017, 33, 2427-2432.	3.5	8
25	Mechanochromic luminescent behavior in hydrogen bonded liquid-crystalline complex. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 78-87.	0.9	3
26	Influence of alkylene spacer length on photoinduced orientation of liquid crystalline polymer with <i>N</i> -benzylideneaniline side groups. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 61-68.	0.9	1
27	Photoinduced orientation of H-bonded composite films of non-photoreactive polymer and cinnamic acid derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 69-77.	0.9	1
28	Multicolor Change in the Photoluminescence Induced by Mechanical and Chemical Stimuli. <i>Chemistry Letters</i> , 2017, 46, 1179-1181.	1.3	4
29	Directional Mechanochromic Luminescent Behavior in Liquid Crystalline Composite Polymeric Films. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600321.	2.2	8
30	Comparison Study on Thermally Stimulated Photoinduced Orientation of Liquid Crystalline Polymer with Cinnamate Side Groups using 313 nm and 365 nm Light. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 451-456.	0.3	6
31	Photoinduced Orientation of a Photoinactive Liquid Crystalline Polymer Doped with <i>N</i> -Benzylideneaniline Derivatives. <i>Chemistry Letters</i> , 2016, 45, 673-675.	1.3	5
32	Orientation Direction Control in Liquid Crystalline Photoalignable Polymeric Films by Adjusting the Free-Surface Condition. <i>ACS Macro Letters</i> , 2016, 5, 761-765.	4.8	12
33	Fabrication of UV-inactive photoaligned films by photoinduced orientation of H-bonded composites of non-photoreactive polymer and cinnamate derivative. <i>Polymer Journal</i> , 2016, 48, 267-271.	2.7	9
34	Synthesis of Phenylenevinylene Oligothiophene Derivatives with and without Cyano Side Substitution and Evaluation of Optoelectronic Characteristics. <i>Chemistry Letters</i> , 2015, 44, 1010-1012.	1.3	1
35	Photoinduced orientation of photoresponsive copolymers with <i>N</i> -benzylideneaniline and nonphotoreactive mesogenic side groups. <i>Polymer</i> , 2015, 56, 318-326.	3.8	17
36	Facile Fabrication, Photoinduced Orientation, and Birefringent Pattern Control of Photoalignable Films Comprised of <i>N</i> -Benzylideneaniline Side Groups. <i>ACS Macro Letters</i> , 2015, 4, 764-768.	4.8	21

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37	Thermal Amplification of Photoinduced Cooperative Reorientation of Liquid Crystalline Copolymer Films Comprised of N-Benzylideneaniline and Benzoic Acid Side Groups. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 617, 14-20.	0.9	3
38	Photoinduced Orientation of Hydrogen Bonding Liquid Crystalline Polymers / Pyridine Derivatives Composite Films. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 617, 40-49.	0.9	6
39	In situ formation of photoalignable N-benzylideneaniline side groups and control of photoinduced reorientation in polymethacrylate with 4-oxybenzaldehyde side groups and 4-methoxyaniline composite films. <i>Polymer</i> , 2015, 77, 239-245.	3.8	8
40	Molecular Reorientation Behavior of Photocrosslinkable Liquid Crystalline Copolymer Films Composed of 4-(4-Methoxycinnamoyloxy)biphenyl and Phenylester Side Groups. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 107-115.	0.9	2
41	Influence of End Groups in Photoinduced Reorientation of Liquid Crystalline Polymer Films Based on Axis-Selective Photo-Fries Rearrangement. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 79-87.	0.9	0
42	Influence of molecular weight on the photoinduced reorientation of photo-cross-linkable liquid crystalline polymeric films. <i>Polymer Journal</i> , 2014, 46, 85-88.	2.7	3
43	NEXAFS Study on Photoalignment of Liquid Crystalline Polymeric Films. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 49-56.	0.9	2
44	Mechanoresponsive change in photoluminescent color of rod-like liquid-crystalline compounds and control of molecular orientation on photoaligned layer. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
45	Analysis of nonsinusoidal surface relief structures formed by elliptical polarization holography on azobenzene-containing polymeric films. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 02BB06.	1.5	2
46	Molecularly oriented surface relief formation in polymethacrylates comprising N-benzylideneaniline derivative side groups. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 128002.	1.5	3
47	Mechanochromic Luminescence Characteristics of Pyridine-Terminated Chromophores in the Solid State and in a Poly(vinyl alcohol) Matrix. <i>Chemistry - an Asian Journal</i> , 2014, 9, 3188-3195.	3.3	18
48	Photoinduced Orientation of Photoresponsive Polymers with N-Benzylideneaniline Derivative Side Groups. <i>Macromolecules</i> , 2014, 47, 324-332.	4.8	42
49	Molecular reorientation behavior of photocrosslinkable liquid-crystalline polymer films containing phenylamide side chains. <i>Reactive and Functional Polymers</i> , 2013, 73, 1567-1572.	4.1	4
50	Reorientation of photoreactive liquid crystalline polymer pattern fabricated by hybrid nanoimprinting. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2013, 31, 06FB04.	1.2	0
51	Photoinduced reorientation and polarization holography in a new photopolymer with 4-methoxy-N-benzylideneaniline side groups. <i>APL Materials</i> , 2013, 1, .	5.1	31
52	Molecularly Oriented Liquid Crystalline Polymer Films Based on Axis-Selective Photo-Fries Rearrangement. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 583, 1-9.	0.9	2
53	38.4: Novel Photoalignment Layer for In Plane Switching Mode LCD Using 313 nm Ultraviolet Light. <i>Digest of Technical Papers SID International Symposium</i> , 2013, 44, 537-540.	0.3	8
54	Tuning Thermal Stability, Photoluminescent Wavelength, and Optical Anisotropy of Oligothiophenes with Pyridyl End Groups by Using a Hydrogen-bonded Photocrosslinkable Liquid-crystalline Polymer Film. <i>Chemistry Letters</i> , 2013, 42, 891-893.	1.3	5

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55	Comparison Molecular Orientation of Photoinduced Liquid Crystalline Polymer induced by Thermal Nanoimprinting to that by Graphoepitaxy. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 65-68.	0.3	0
56	Molecular Orientation of Photoinduced Liquid Crystalline Polymer with 3D Structure fabricated by Thermal Nanoimprinting. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 83-85.	0.3	2
57	Photoreaction and Photoalignment Behavior of Novel Polyamic-Ester Derivative Containing a Photo-Crosslinkable Group. Molecular Crystals and Liquid Crystals, 2012, 563, 139-145.	0.9	0
58	Blazed Surface Relief Formation in Azobenzene-Containing Polymeric Films by Asymmetric Polarization Holography. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2012, 25, 669-673.	0.3	2
59	Photoinduced Cooperative Reorientation of Photoreactive Liquid Crystalline Copolymer Films Comprised of Cinnamic Acid and Phenylbenzoate Side Groups. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2012, 25, 303-308.	0.3	1
60	Photoluminescent Color Tuning in Fluorene Derivative/Copolymer Composite Films Based on H-Bonds. Langmuir, 2012, 28, 4534-4542.	3.5	7
61	Photomobile polymers from commercially available compounds: photoinduced deformation of side-chain polymers containing hydrogen-bonded photoreactive compounds. Polymer Journal, 2012, 44, 410-414.	2.7	11
62	Photoinduced Cooperative Orientation and Pattern Formation in Copolymer Films with 4-Methoxyazobenzene and Benzoic Acid Side Groups. Molecular Crystals and Liquid Crystals, 2012, 563, 131-138.	0.9	3
63	Synthesis of Side-Chain Liquid-Crystalline Cinnamide Polymers Based on Post Polymer Reaction. Molecular Crystals and Liquid Crystals, 2012, 563, 121-130.	0.9	3
64	Photoinduced Reorientation of a Liquid Crystalline Polymer with Phenyl Benzoate Mesogenic Side Groups on the Basis of an Axis-Selective Photo-Fries Rearrangement. Macromolecules, 2012, 45, 8547-8554.	4.8	24
65	Axis-Selective Photo-Fries Rearrangement and Photoinduced Molecular Reorientation in Liquid Crystalline Polymer Films. Macromolecules, 2011, 44, 5736-5742.	4.8	23
66	Preparation and Macroscopic Deformation of Liquid-Crystalline Polymer Fibers Crosslinked with Anthracene Side Chains. Molecular Crystals and Liquid Crystals, 2011, 550, 98-104.	0.9	6
67	Photoinduced Reorientation and Polarization Holography of Photoreactive Polymer Liquid Crystals with Bistolane Side Groups. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 343-348.	0.3	1
68	Photoluminescent Color and Polarized Light Emission Tuning of Fluorene Derivatives Using a Photoreactive H-Bonded Liquid Crystalline Polymer. Macromolecular Chemistry and Physics, 2010, 211, 1741-1749.	2.2	21
69	Photoinduced Orientation of Liquid Crystalline Copolymer Films with Cinnamic Acid Side Groups Synthesized by RAFT Polymerization. Molecular Crystals and Liquid Crystals, 2010, 529, 10-19.	0.9	2
70	Photoinduced Orientation of Photo-Cross-Linkable Liquid Crystalline Copolymer Films Comprised of H-Bonded and Non-H-Bonded Mesogenic Side Groups. Polymer Journal, 2009, 41, 968-972.	2.7	2
71	Photomobile polymer materialsâ€”various three-dimensional movements. Journal of Materials Chemistry, 2009, 19, 60-62.	6.7	369
72	Photomobile Polymer Materials: Towards Lightâ€”Driven Plastic Motors. Angewandte Chemie - International Edition, 2008, 47, 4986-4988.	13.8	919

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73	Inside Cover: Photomobile Polymer Materials: Towards Light-Driven Plastic Motors (Angew. Chem. Int.) Tj ETQq1 1 0,784314 ggBT /Over	13.8	274
74	How Does the Initial Alignment of Mesogens Affect the Photoinduced Bending Behavior of Liquid-Crystalline Elastomers?. Angewandte Chemie - International Edition, 2006, 45, 1378-1382.	13.8	274
75	Photoinduced birefringence pattern based on selective induction of photoreactivity with inkjet technology. Molecular Crystals and Liquid Crystals, 0, , 1-8.	0.9	0