

# Takashi Karatsu

## List of Publications by Year in descending order

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136  
papers

5,587  
citations

66234

42  
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88477

70  
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144  
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144  
docs citations

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times ranked

4714  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design amphiphilic dipolar $\pi$ -systems for stimuli-responsive luminescent materials using metastable states. <i>Nature Communications</i> , 2014, 5, 4013.	5.8	324
2	Transformation from H $\pi$ - to J $\pi$ -Aggregated Perylene Bisimide Dyes by Complexation with Cyanurates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3367-3371.	7.2	285
3	Hierarchical Organization of Photoresponsive Hydrogen-Bonded Rosettes. <i>Journal of the American Chemical Society</i> , 2005, 127, 11134-11139.	6.6	272
4	Photocontrollable Self-Assembly. <i>Chemistry - A European Journal</i> , 2005, 11, 4054-4063.	1.7	207
5	Control over Hierarchy Levels in the Self-Assembly of Stackable Nanotoroids. <i>Journal of the American Chemical Society</i> , 2012, 134, 18205-18208.	6.6	143
6	Self-Organization of Hydrogen-Bonding Naphthalene Chromophores into J $\pi$ -type Nanorings and H $\pi$ -type Nanorods: Impact of Regioisomerism. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6643-6647.	7.2	140
7	Mechanochromic Luminescence Based on Crystal-to-Crystal Transformation Mediated by a Transient Amorphous State. <i>Chemistry of Materials</i> , 2016, 28, 234-241.	3.2	128
8	Supramolecularly Engineered Perylene Bisimide Assemblies Exhibiting Thermal Transition from Columnar to Multilamellar Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7983-7994.	6.6	127
9	Toroidal Nanoobjects from Rosette Assemblies of Melamine-Linked Oligo( <i>p</i> -phenyleneethynylene)s and Cyanurates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4691-4694.	7.2	125
10	Diversification of Self-Organized Architectures in Supramolecular Dye Assemblies. <i>Journal of the American Chemical Society</i> , 2007, 129, 13277-13287.	6.6	106
11	Light-induced unfolding and refolding of supramolecular polymer nanofibres. <i>Nature Communications</i> , 2017, 8, 15254.	5.8	105
12	Phototriggered Self-Assembly of Hydrogen-Bonded Rosette. <i>Journal of the American Chemical Society</i> , 2004, 126, 11500-11508.	6.6	101
13	Supramolecular Nanoribbons and Nanoropes Generated from Hydrogen-Bonded Supramolecular Polymers Containing Perylene Bisimide Chromophores. <i>Organic Letters</i> , 2007, 9, 1137-1140.	2.4	94
14	Reversible Transformation between Rings and Coils in a Dynamic Hydrogen-Bonded Self-Assembly. <i>Journal of the American Chemical Society</i> , 2009, 131, 5408-5410.	6.6	92
15	Photoreactive helical nanoaggregates exhibiting morphology transition on thermal reconstruction. <i>Nature Communications</i> , 2015, 6, 8936.	5.8	91
16	"One-way" photoisomerization between cis- and trans-olefin. A novel adiabatic process in the excited state. <i>Tetrahedron Letters</i> , 1983, 24, 2873-2876.	0.7	82
17	Photoresponsive Self-Assembly and Self-Organization of Hydrogen-Bonded Supramolecular Tapes. <i>Chemistry - A European Journal</i> , 2006, 12, 3984-3994.	1.7	82
18	Nebulin and N-WASP Cooperate to Cause IGF-1-Induced Sarcomeric Actin Filament Formation. <i>Science</i> , 2010, 330, 1536-1540.	6.0	82

#	ARTICLE	IF	CITATIONS
19	Gelation-Assisted Control over Excitonic Interaction in Merocyanine Supramolecular Assemblies. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8005-8009.	7.2	79
20	Photocontrol Over Self-Assembled Nanostructures of $\pi$ -Stacked Dyes Supported by the Parallel Conformer of Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2602-2606.	7.2	76
21	Formation of Supramolecular Polymers and Discrete Dimers of Perylene Bisimide Dyes Based on Melamine-Cyanurates Hydrogen-Bonding Interactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 3328-3335.	1.7	74
22	Supramolecularly Engineered Aggregation of a Dipolar Dye: Vesicular and Ribbonlike Architectures. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9990-9994.	7.2	73
23	Rational Construction of Perylene Bisimide Columnar Superstructures with a Biased Helical Sense. <i>Chemistry - A European Journal</i> , 2011, 17, 3598-3608.	1.7	68
24	Rational Design of Nanofibers and Nanorings through Complementary Hydrogen-Bonding Interactions of Functional $\pi$ Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 8652-8661.	1.7	67
25	The mechanism of the photochemical degradation of poly(di-n-alkylsilanes) in solution. <i>Journal of the American Chemical Society</i> , 1989, 111, 1140-1141.	6.6	64
26	Binary Supramolecular Gels Based on Bismelamine-Cyanurate/Barbiturate Noncovalent Polymers. <i>Chemistry of Materials</i> , 2004, 16, 3582-3585.	3.2	64
27	New insight into one-way photoisomerization of anthrylethylenes: absorption spectra of the trans triplets as intermediates of the isomerization. <i>Chemical Physics Letters</i> , 1985, 115, 9-15.	1.2	63
28	Dye-Assisted Structural Modulation of Hydrogen-Bonded Binary Supramolecular Polymers. <i>Chemistry of Materials</i> , 2005, 17, 4392-4398.	3.2	60
29	Supramolecular Polymerization and Polymorphs of Oligo( <i>p</i> -phenylene vinylene)-Functionalized Bis- and Monoureas. <i>Chemistry - A European Journal</i> , 2008, 14, 5246-5257.	1.7	60
30	Interconvertible Oligothiophene Nanorods and Nanotapes with High Charge-Carrier Mobilities. <i>Chemistry - A European Journal</i> , 2009, 15, 9320-9324.	1.7	60
31	Melamine-Barbiturate/Cyanurate Binary Organogels Possessing Rigid Azobenzene-Tether Moiety. <i>Langmuir</i> , 2005, 21, 11048-11052.	1.6	59
32	Photochemical One-way Isomerization of Phosphorescent Material. Studies by Time-resolved Spectroscopy for Tris[2-(4,6-difluorophenyl)pyridine]iridium(III) in Solution. <i>Chemistry Letters</i> , 2003, 32, 886-887.	0.7	56
33	Photophysical Properties of Substituted Homoleptic and Heteroleptic Phenylimidazolinato Ir(III) Complexes as a Blue Phosphorescent Material. <i>Inorganic Chemistry</i> , 2013, 52, 12338-12350.	1.9	56
34	Photoswitchable Exciton Coupling in Merocyanine-Diarylethene Multi-Chromophore Hydrogen-Bonded Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9679-9683.	7.2	53
35	Photoreversible Supramolecular Polymerisation and Hierarchical Organization of Hydrogen-Bonded Supramolecular Copolymers Composed of Diarylethenes and Oligothiophenes. <i>Chemistry - A European Journal</i> , 2012, 18, 2244-2253.	1.7	53
36	Radiative and nonradiative processes of meridional and facial isomers of heteroleptic iridium-tris-chelate complexes. <i>Chemical Physics Letters</i> , 2006, 424, 353-357.	1.2	52

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37	Tunable interchromophore electronic interaction of a merocyanine dye in hydrogen-bonded supramolecular assemblies scaffolded by bismelamine receptors. <i>Chemical Communications</i> , 2006, , 1500.	2.2	50
38	A complementary guest induced morphology transition in a two-component multiple H-bonding self-assembly. <i>Chemical Communications</i> , 2010, 46, 1076-1078.	2.2	50
39	Cholesterol-aided construction of distinct self-organized materials from a luminescent gold(I) isocyanide complex exhibiting mechanochromic luminescence. <i>Chemical Communications</i> , 2013, 49, 11391.	2.2	48
40	Synthesis and Photophysical Properties of Substituted Tris(phenylbenzimidazolinato) Ir(III) Carbene Complexes as a Blue Phosphorescent Material. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 926-933.	1.0	45
41	Transient Raman evidence of the one-way cis to trans isomerization in the lowest excited triplet state of 2-styrylanthracene. <i>Journal of the American Chemical Society</i> , 1986, 108, 1698-1699.	6.6	42
42	Blue electroluminescence of silyl substituted anthracene derivatives. <i>Organic Electronics</i> , 2007, 8, 357-366.	1.4	41
43	Supramolecular Engineering of Oligothiophene Nanorods without Insulators: Hierarchical Association of Rosettes and Photovoltaic Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 16128-16137.	1.7	41
44	$\pi$ - $\pi$ and $\pi$ - $\pi$ Interactions in $\pi$ -Di-(9-anthryl) and Di-(1-naphthyl) Oligosilanes Studied by Time-Resolved Fluorescence in Solution. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12184-12191.	1.2	40
45	Rational Design of Photoresponsive Supramolecular Assemblies Based on Diarylethene. <i>Chemistry - A European Journal</i> , 2013, 19, 6971-6975.	1.7	38
46	Self-sorting regioisomers through the hierarchical organization of hydrogen-bonded rosettes. <i>Chemical Communications</i> , 2016, 52, 8211-8214.	2.2	37
47	Photodegradation of poly(dialkylsilane)s in solution: the persistent radicals have an unexpected structure. <i>Organometallics</i> , 1988, 7, 2567-2569.	1.1	36
48	Intramolecular triplet energy transfer in ester-linked bichromophoric azoalkanes and naphthalenes. <i>The Journal of Physical Chemistry</i> , 1992, 96, 7524-7535.	2.9	36
49	Photoresponsive melamine-barbiturate hydrogen-bonded assembly. <i>Chemical Communications</i> , 2003, , 1844-1845.	2.2	36
50	Evaluation of sensitizing ability of barbiturate-functionalized non-ionic cyanine dyes; application for photoinduced radical generation system initiated by near IR light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 170, 123-129.	2.0	36
51	Synthesis of subphthalocyanine derivatives and their characterization. <i>Dyes and Pigments</i> , 2002, 53, 57-65.	2.0	34
52	Chirality in the Photochemical <i>mer</i> $\rightarrow$ <i>fac</i> Geometrical Isomerization of Tris(1-phenylpyrazolato, <i>N</i> , <i>C</i> )iridium(III). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2104-2109.	1.0	34
53	High-fidelity self-assembly pathways for hydrogen-bonding molecular semiconductors. <i>Scientific Reports</i> , 2017, 7, 43098.	1.6	34
54	Unconventional hydrogen-bond-directed hierarchical co-assembly between perylene bisimide and azobenzene-functionalized melamine. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3926.	1.5	33

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55	Catenation of Self-Assembled Nanorings. <i>Chemistry - A European Journal</i> , 2011, 17, 13657-13660.	1.7	31
56	Covalent Modular Approach for Dimension-Controlled Self-Organization of Perylene Bisimide Dyes. <i>Chemistry - A European Journal</i> , 2013, 19, 6561-6565.	1.7	31
57	Solution processable hydrogen-bonded perylene bisimide assemblies organizing into lamellar architectures. <i>Chemical Communications</i> , 2011, 47, 12447.	2.2	29
58	Triplet energy surfaces of one-way isomerizing olefins as studied by singlet oxygen luminescence technique. <i>Chemical Physics Letters</i> , 1988, 149, 161-166.	1.2	28
59	Synthesis and noncovalent polymerization of self-complementary hydrogen-bonding supramolecular synthons: N,N <sup>2</sup> -disubstituted 4,6-diamino-pyrimidin-2(1H)-ones. <i>Chemical Communications</i> , 2004, , 1114-1115.	2.2	28
60	Cyanurate-guided self-assembly of a melamine-capped oligo(p-phenylenevinylene). <i>Chemical Communications</i> , 2008, , 4466.	2.2	26
61	Solution photochemistry of poly(di-n-alkylsilanes). An EPR-ENDOR study of the structure of the persistent radicals. <i>Journal of the American Chemical Society</i> , 1991, 113, 2003-2010.	6.6	25
62	A novel <i>across-a-ridge</i> isomerization of olefins. The energy surface of 2-ethenylanthracene in the excited triplet state. <i>Chemical Physics Letters</i> , 1988, 146, 405-409.	1.2	23
63	Highly selective rotational isomerization of 2-vinylanthracene in the excited singlet state. Picosecond time-resolved fluorescence study. <i>Chemical Physics Letters</i> , 1989, 158, 429-434.	1.2	23
64	Spectroscopic evidence for an energy minimum at the cis geometry of the triplet state of a butenylanthracene. Further insight into across-a-ridge isomerization of anthrylethylenes. <i>Chemical Physics Letters</i> , 1990, 169, 36-42.	1.2	22
65	Structural and Electronic Properties of Extremely Long Perylene Bisimide Nanofibers Formed through a Stoichiometrically Mismatched, Hydrogen-Bonded Complexation. <i>Small</i> , 2010, 6, 2731-2740.	5.2	21
66	Supramolecular Polymerization of Supermacrocycles: Effect of Molecular Conformations on Kinetics and Morphology. <i>Chemistry - A European Journal</i> , 2017, 23, 5270-5280.	1.7	21
67	Highly efficient blue emission from boron complexes of 1-(o-hydroxyphenyl)imidazo[1,5-a]pyridine. <i>Tetrahedron</i> , 2018, 74, 3728-3733.	1.0	20
68	Photoinduced Electron Transfer Reactions of 3H-Pyrazole Derivatives. Formation of Solvent Adduct by Specific Sensitizer. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1227-1231.	2.0	19
69	EFFECT OF OXYGEN ON THE PHOTOSTATIONARY STATE COMPOSITION IN TRIPLET SENSITIZED CIS-TRANS ISOMERIZATION OF 1-ARYL-3,3-DIMETHYL-1-BUTENES. A CLASSIFICATION OF TRIPLET ENERGY SURFACES OF AROMATIC OLEFINS. <i>Chemistry Letters</i> , 1981, 10, 1377-1380.	0.7	18
70	Mechanistic investigations of the photosensitized reactions of iron arene complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 107, 83-91.	2.0	18
71	$\pi$ - $\pi$ and $\pi$ - $\pi$ Interactions in $\pi$ -Dinaphthyl and -Dianthryl Oligosilanes in Solution. <i>Chemistry Letters</i> , 2001, 30, 994-995.	0.7	18
72	Lysophosphatidic acid cooperates with EGF in inducing branching morphogenesis of embryonic mouse salivary epithelium. <i>Developmental Dynamics</i> , 2006, 235, 403-410.	0.8	18

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73	Miniaturization of Nanofibers Composed of Melamine-appended Perylene Bisimides and Cyanurates. <i>Chemistry Letters</i> , 2008, 37, 764-765.	0.7	18
74	A new one-way photoisomerizing aromatic olefin: the effect of a fluoranthenyl group on the triplet energy surface. <i>Journal of Photochemistry and Photobiology</i> , 1987, 36, 125-130.	0.6	17
75	Rationally controlled helical organization of a multiple-hydrogen-bonding oligothiophene: guest-induced transition of helical-to-twisted ribbons. <i>Chemical Communications</i> , 2011, 47, 454-456.	2.2	17
76	Preparation of photochromic liquid core nanocapsules based on theoretical design. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 318-329.	5.0	16
77	Preparation of liquid crystal nanocapsules by polymerization of oil-in-water emulsion monomer droplets. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 122-130.	5.0	16
78	Photoinduced Electron Transfer Reaction of Pyrazoline Derivatives. Formation of Rearrangement Product. <i>Journal of Organic Chemistry</i> , 1995, 60, 8270-8277.	1.7	15
79	Guided supramolecular polymerization of oligo(p-phenylenevinylene) functionalized bismelamines. <i>Chemical Communications</i> , 2013, 49, 4941.	2.2	15
80	Photoisomerization and Photocyclization Reactions of 1-Styrylanthracene. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 920-928.	2.0	12
81	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. <i>Journal of Organic Chemistry</i> , 2001, 66, 66-73.	1.7	12
82	A Novel Photochemical Reaction of 2-Alkoxy nicotines to Cage-Type Photodimers. <i>Journal of Organic Chemistry</i> , 2002, 67, 1843-1847.	1.7	12
83	Time-resolved fluorescence of $\beta$ -(9-anthryl)- $\gamma$ -(1-naphthyl)-oligosilanes: intramolecular electronic energy and charge transfer through $\pi$ - $\pi$ and $\pi$ - $\pi$ interactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1029-1035.	0.8	12
84	Phototriggered Supramolecular Polymerization of Barbituric Acid Rosette. <i>Chemistry Letters</i> , 2017, 46, 111-114.	0.7	12
85	Triplet-Triplet Annihilation-Based Upconversion Sensitized by a Reverse Micellar Assembly of Amphiphilic Ruthenium Complexes. <i>Langmuir</i> , 2019, 35, 9740-9746.	1.6	12
86	Triplet Intermediates in Cis-Trans Photo-isomerization of 3-Chrysenylethylenes. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 3355-3362.	2.0	11
87	Effects of $\beta$ -substituents on internal rotation of the anthryl group of 2-anthrylethylenes in the excited singlet state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 65, 41-51.	2.0	11
88	Features of the Quantum Chain Process in the Photochemical One-Way Isomerization of 2-Anthrylethylenes. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 3030-3039.	2.0	11
89	Concentration Dependent Photodimerization of Azobenzenes in Solution. <i>Chemistry Letters</i> , 2000, 29, 686-687.	0.7	11
90	Perylene bisimide organogels formed by melamine-cyanurate/barbiturate hydrogen-bonded tapes. <i>Polymer Journal</i> , 2012, 44, 600-606.	1.3	11

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91	Photochemical Cis to Trans One-Way Isomerization of Styrylazulenes on Their Triplet Excited State. Examination of Ethylenes with Non-Benzenoid Substituents of Low Triplet Energies. Bulletin of the Chemical Society of Japan, 1994, 67, 1674-1679.	2.0	10
92	Rotational Isomerization of (E)-(2-Anthryl)ethenes. A Consideration Why Are the cis-Rotamers More Stable than the trans-Rotamers in the Excited State and Less Stable in the Ground State?. Bulletin of the Chemical Society of Japan, 1999, 72, 1837-1849.	2.0	10
93	Picosecond Time-Resolved Fluorescence Spectroscopy of (Z)-1-(2-Anthryl)-2-phenylethene and Its Model Compounds: Understanding the Photochemistry by Distinguishing between the s-cis and s-trans Rotamers. Journal of Physical Chemistry A, 2000, 104, 6993-7001.	1.1	10
94	Photoresponsive supramolecular copolymers from diarylethene-perylene bisimide hydrogen bonded complexes. Polymer, 2017, 128, 356-362.	1.8	10
95	Photochemistry of azoalkane: formation of the rearrangement product by photoinduced electron transfer of the pyrazoline derivative. Journal of the Chemical Society Chemical Communications, 1991, , 1451.	2.0	9
96	Steric effect on photochemistry of benzyl ester derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 1998, 117, 91-98.	2.0	9
97	Photoinduced electron-transfer reaction of cyclic oligosilanes and polysilanes in solution. Heteroatom Chemistry, 2001, 12, 269-275.	0.4	9
98	Photophysics and photochemistry of positionally isomeric 1,2-dianthryltetramethyldisilanes: Investigation of anthryl-anthryl and anthryl-SiSi interactions. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 218, 204-212.	2.0	9
99	Photophysical Processes in Aromatic Polyimides. 2. Photoreduction of Benzophenone-containing Polyimide Model Compounds. The Journal of Physical Chemistry, 1994, 98, 10771-10778.	2.9	8
100	Photoinduced Electron-Transfer Reaction of (Phenylazo)triphenylmethane (PAT). Behavior of Generated Trityl Cation. Bulletin of the Chemical Society of Japan, 1996, 69, 3325-3329.	2.0	8
101	How does an oxygen atom in the side chain affect the photophysical properties of alkoxy-substituted organopolysilane homopolymers and copolymers?. Polymer, 2003, 44, 3269-3277.	1.8	8
102	Photochemistry of 5-nitro-1,2-benzisothiazole derivatives: effects of substituents, solvents and excitation wavelength. Tetrahedron Letters, 2008, 49, 3444-3448.	0.7	8
103	Semiempirical Calculation of the Triplet-Triplet Absorption Spectra of 2-Anthrylethylenes Undergoing Photochemical One-Way Isomerization. Bulletin of the Chemical Society of Japan, 1994, 67, 891-894.	2.0	6
104	Steric effect on photochemistry of benzyl ester derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 127, 75-81.	2.0	6
105	Substituent Effect in Sensitization Mechanisms of Pyrromethene Dyes in Solution.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2000, 13, 691-696.	0.1	6
106	Two-Dimensional Organization of Mono- and Bisurea Supramolecular Polymers Studied by Scanning Tunneling Microscopy. Journal of Nanoscience and Nanotechnology, 2010, 10, 803-808.	0.9	6
107	Small molecular host based on carbazole and m-terphenyl derivatives for efficient solution processed organic light-emitting diodes. Synthetic Metals, 2012, 162, 303-308.	2.1	6
108	Initial Process of Photoinduced Electron Transfer Reactions of High Molecular Weight Polysilanes to Electron Deficient Sensitizers in Solution. Chemistry Letters, 1992, 21, 2131-2134.	0.7	5

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109	Effects of Substitution with Positionally Isomeric Anthryl Groups on the One-Way Isomerization. Chemistry Letters, 1992, 21, 2193-2196.	0.7	5
110	Rotational Isomerization of trans-2-Styrylanthracene between (s)-trans and (s)-cis Rotamers in the Excited States. Investigation of Its Sterically Restricted Model Compounds. Chemistry Letters, 1994, 23, 381-384.	0.7	5
111	Effect of Substitution of a 2-Anthryl Group at the N=N and N=C Unsaturated Bonds on Their Photoisomerization in the Triplet State. Chemistry Letters, 1994, 23, 825-826.	0.7	5
112	Sensitization Mechanisms of Photopolymer Coating Layer using Infrared Dye.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2000, 13, 697-701.	0.1	5
113	Optical properties of the thin films of poly(methylpentoxysilane) homopolymers and copolymers. Polymer, 2003, 44, 8005-8011.	1.8	5
114	Determination of the Glucose in Serum by the FT-IR-ATR Method. Bunseki Kagaku, 2005, 54, 149-154.	0.1	5
115	Fluorescence Patterning using Photochemical Cycloaddition of Di-9,9- <sup>10</sup> anthracene Conjugates linked by Permethylsilyl Chains. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 789-794.	0.1	5
116	Time-resolved fluorescence of $\beta$ -di(1-naphthyl)oligosilanes and 1-naphthyloligosilanes: intramolecular excimer formation and charge-transfer interactions. Research on Chemical Intermediates, 2013, 39, 347-357.	1.3	5
117	Self-assembled Nanofibrils and Nanorings Formed from Oligo( <i>p</i> -phenylenevinylene) Dimers. Chemistry Letters, 2013, 42, 799-800.	0.7	5
118	Synthesis, Characterization and Photoinduced Cross-linking of Functionalized Poly(cyclohexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 769-774.	0.1	5
119	Photochemical "across-a ridge" Z-E isomerization of (ethenyl-2-d)anthracenes in the triplet state. The Journal of Physical Chemistry, 1994, 98, 508-512.	2.9	4
120	Photoinduced Electron Transfer Reaction of 3,3-Dimethyl-3H-pyrazoles: The Formation of Solvent Adducts through Cyclopropene Derivatives. Chemistry Letters, 1997, 26, 1005-1006.	0.7	4
121	Effect of Nitro-Substitution on the Photochemistry of 3-Piperidino-1,2-benzisothiazole Derivatives: A Mechanistic Investigation. Heterocycles, 2010, 81, 659.	0.4	4
122	Functionalized Cyclohexyl methacrylate based Copolymers for Negative Resist. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2011, 24, 535-547.	0.1	4
123	Effect of Alkyl Group on the Photocrosslinking of Alkyl Methacrylate Based Copolymers. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 259-270.	0.1	4
124	Novel Dependence of the Bond Cleavage Pattern of Bis(2-phenylbenzoyl) Peroxide on the Irradiation Wavelength. Chemistry Letters, 1999, 28, 877-878.	0.7	3
125	Effects of oxygen atom in the side chain on physical and optical properties of dodecapentoxypentasilane. Chemical Physics Letters, 2003, 370, 154-160.	1.2	3
126	Photoinduced Electron-transfer Reaction of Azo Compounds.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1997, 55, 678-685.	0.0	2



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127	Oligocarbazole-silane Connected Host Materials Having High Triplet Energies. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2011, 24, 299-303.	0.1	2
128	Materials for Organic Light Emitting Diode (OLED). Springer Series in Materials Science, 2015, , 227-251.	0.4	2
129	Persistent room temperature blue phosphorescence from racemic crystals of 1,1-diphenylmethanol derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 407, 113043.	2.0	2
130	Dynamic Fields Visualization of Carbon-Black (CB) Volume Fraction Distribution in Lithium-ion Battery (LIB) Cathode Slurry by Electrical Resistance Tomography (ERT). Journal of the Society of Powder Technology, Japan, 2021, 58, 119-126.	0.0	2
131	Mechanism for triplet-sensitized isomerization of aromatic olefins. Journal of Photochemistry and Photobiology, 1981, 17, 107.	0.6	1
132	Generation and reactions of 3-alkylidene-1-pyrazoline radical cations by photoinduced electron transfer. Tetrahedron Letters, 2005, 46, 261-265.	0.7	1
133	Preparation of Electro-optically Responsive Liquid Crystal Nanocapsules by Miniemulsion Polymerization of Oil-in-Water Emulsion Monomer Droplets. Chemistry Letters, 2021, 50, 1566-1569.	0.7	1
134	Synthesis of luminescent core-shell polymer particles carrying amino groups for covalent immobilization of enzymes. Colloid and Polymer Science, 2022, 300, 319-331.	1.0	1
135	Sensitization Mechanisms of Subphthalocyanine in Photopolymer Coating layer.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2000, 13, 679-683.	0.1	0
136	Orientation of Rotational Isomers of 1,2-Bis(2-anthryl)ethene in Liquid Crystals. Chemistry Letters, 2001, 30, 1232-1233.	0.7	0