

Shiki Yagai

List of Publications by Year in descending order

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158
papers

8,162
citations

34016

52
h-index

54797

84
g-index

180
all docs

180
docs citations

180
times ranked

6425
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in photoresponsive supramolecular self-assemblies. <i>Chemical Society Reviews</i> , 2008, 37, 1520.	18.7	438
2	Design amphiphilic dipolar π -systems for stimuli-responsive luminescent materials using metastable states. <i>Nature Communications</i> , 2014, 5, 4013.	5.8	324
3	Transformation from H π -to J π -Aggregated Perylene Bisimide Dyes by Complexation with Cyanurates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3367-3371.	7.2	285
4	Hierarchical Organization of Photoresponsive Hydrogen-Bonded Rosettes. <i>Journal of the American Chemical Society</i> , 2005, 127, 11134-11139.	6.6	272
5	Photocontrollable Self-Assembly. <i>Chemistry - A European Journal</i> , 2005, 11, 4054-4063.	1.7	207
6	Photoregulated Living Supramolecular Polymerization Established by Combining Energy Landscapes of Photoisomerization and Nucleation π Elongation Processes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14347-14353.	6.6	178
7	Self-assembled poly-catenanes from supramolecular toroidal building blocks. <i>Nature</i> , 2020, 583, 400-405.	13.7	177
8	A Black Perylene Bisimide Super Gelator with an Unexpected J π -Type Absorption Band. <i>Advanced Materials</i> , 2008, 20, 1695-1698.	11.1	176
9	Supramolecularly Engineered Functional π -Assemblies Based on Complementary Hydrogen-Bonding Interactions. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 28-58.	2.0	151
10	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
11	Supramolecular Polymers Capable of Controlling Their Topology. <i>Accounts of Chemical Research</i> , 2019, 52, 1325-1335.	7.6	141
12	Self π -Organization of Hydrogen π Bonding Naphthalene Chromophores into J π -type Nanorings and H π -type Nanorods: Impact of Regioisomerism. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6643-6647.	7.2	140
13	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
14	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
15	Toroidal Nanoobjects from Rosette Assemblies of Melamine π Linked Oligo(<i>p</i> -phenyleneethynylene)s and Cyanurates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4691-4694.	7.2	125
16	Synthetic zinc tetrapyrroles complexing with pyridine as a single axial ligand. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 2171-2178.	1.4	109
17	Diversification of Self-Organized Architectures in Supramolecular Dye Assemblies. <i>Journal of the American Chemical Society</i> , 2007, 129, 13277-13287.	6.6	106
18	Light-induced unfolding and refolding of supramolecular polymer nanofibres. <i>Nature Communications</i> , 2017, 8, 15254.	5.8	105

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19	Phototriggered Self-Assembly of Hydrogen-Bonded Rosette. <i>Journal of the American Chemical Society</i> , 2004, 126, 11500-11508.	6.6	101
20	Supramolecular complexes of functional chromophores based on multiple hydrogen-bonding interactions. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2006, 7, 164-182.	5.6	101
21	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
22	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
23	Photoreactive helical nanoaggregates exhibiting morphology transition on thermal reconstruction. <i>Nature Communications</i> , 2015, 6, 8936.	5.8	91
24	Self-Assembly Made Durable: Water-Repellent Materials Formed by Cross-Linking Fullerene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2166-2170.	7.2	90
25	A colorless functional polydopamine thin layer as a basis for polymer capsules. <i>Polymer Chemistry</i> , 2013, 4, 2696.	1.9	90
26	Electron Transport and Electrochemistry of Mesomorphic Fullerenes with Long-Range Ordered Lamellae. <i>Journal of the American Chemical Society</i> , 2008, 130, 9236-9237.	6.6	88
27	Assembly of Fullerene-Carbon Nanotubes: Temperature Indicator for Photothermal Conversion. <i>Journal of the American Chemical Society</i> , 2010, 132, 8566-8568.	6.6	83
28	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , 2010, 20, 1253-1260.	6.7	83
29	Photoresponsive Self-Assembly and Self-Organization of Hydrogen-Bonded Supramolecular Tapes. <i>Chemistry - A European Journal</i> , 2006, 12, 3984-3994.	1.7	82
30	Supramolecular copolymerization driven by integrative self-sorting of hydrogen-bonded rosettes. <i>Nature Communications</i> , 2020, 11, 1623.	5.8	82
31	Hydrogen-bonded rosettes comprising π -conjugated systems as building blocks for functional one-dimensional assemblies. <i>Chemical Communications</i> , 2017, 53, 9663-9683.	2.2	80
32	Gelation-Assisted Control over Excitonic Interaction in Merocyanine Supramolecular Assemblies. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8005-8009.	7.2	79
33	Self-folding of supramolecular polymers into bioinspired topology. <i>Science Advances</i> , 2018, 4, eaat8466.	4.7	78
34	Photocontrol Over Self-Assembled Nanostructures of π -Stacked Dyes Supported by the Parallel Conformer of Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2602-2606.	7.2	76
35	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
36	Supramolecularly Engineered Aggregation of a Dipolar Dye: Vesicular and Ribbonlike Architectures. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9990-9994.	7.2	73

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37	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
38	Rational Design of Nanofibers and Nanorings through Complementary Hydrogen-Bonding Interactions of Functional π Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 8652-8661.	1.7	67
39	Role of complementary H-bonding interaction of a cyanurate in the self-assembly and gelation of melamine linked tri(p-phenyleneethynylene)s. <i>Chemical Communications</i> , 2009, , 5984.	2.2	66
40	Binary Supramolecular Gels Based on Bismelamine-Cyanurate/Barbiturate Noncovalent Polymers. <i>Chemistry of Materials</i> , 2004, 16, 3582-3585.	3.2	64
41	Supramolecular Engineering of Perylene Bisimide Assemblies Based on Complementary Multiple Hydrogen Bonding Interactions. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 708-724.	1.3	63
42	Alkylated-C60 based soft materials: regulation of self-assembly and optoelectronic properties by chain branching. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1943.	2.7	61
43	Dye-Assisted Structural Modulation of Hydrogen-Bonded Binary Supramolecular Polymers. <i>Chemistry of Materials</i> , 2005, 17, 4392-4398.	3.2	60
44	Supramolecular Polymerization and Polymorphs of Oligo(p-phenylene vinylene)-Functionalized Bis- and Monoureas. <i>Chemistry - A European Journal</i> , 2008, 14, 5246-5257.	1.7	60
45	Interconvertible Oligothiophene Nanorods and Nanotapes with High Charge-Carrier Mobilities. <i>Chemistry - A European Journal</i> , 2009, 15, 9320-9324.	1.7	60
46	Melamine-Barbiturate/Cyanurate Binary Organogels Possessing Rigid Azobenzene-Tether Moiety. <i>Langmuir</i> , 2005, 21, 11048-11052.	1.6	59
47	Simultaneous SAXS and SANS Analysis for the Detection of Toroidal Supramolecular Polymers Composed of Noncovalent Supermacrocycles in Solution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9890-9893.	7.2	58
48	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
49	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
50	Facile Synthesis of Free-standing Polymer Brush Films Based on a Colorless Polydopamine Thin Layer. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1220-1224.	2.0	56
51	Photoswitchable Exciton Coupling in Merocyanine-Diarylethene Multi-Chromophore Hydrogen-Bonded Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9679-9683.	7.2	53
52	Photoreversible Supramolecular Polymerisation and Hierarchical Organization of Hydrogen-Bonded Supramolecular Co-polymers Composed of Diarylethenes and Oligothiophenes. <i>Chemistry - A European Journal</i> , 2012, 18, 2244-2253.	1.7	53
53	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
54	Supramolecular Structure of Self-assembled Synthetic Zinc-131-oxo-chlorins Possessing a Primary, Secondary or Tertiary Alcoholic 31-Hydroxyl Group: Visible Spectroscopic and Molecular Modeling Studies. <i>Photochemistry and Photobiology</i> , 2001, 73, 153.	1.3	51

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55	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
56	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
57	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
58	Influence of metal coordination and light irradiation on hierarchical self-assembly processes. <i>Chemical Science</i> , 2019, 10, 752-760.	3.7	47
59	Nanoengineering of Curved Supramolecular Polymers: Toward Single-Chain Mesoscale Materials. <i>Accounts of Materials Research</i> , 2022, 3, 259-271.	5.9	47
60	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
61	Topological Impact on the Kinetic Stability of Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 13196-13202.	6.6	45
62	Blue electroluminescence of silyl substituted anthracene derivatives. <i>Organic Electronics</i> , 2007, 8, 357-366.	1.4	41
63	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
64	Photoresponsive Circular Supramolecular Polymers: A Topological Trap and Photoinduced Ring-Opening Elongation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3764-3768.	7.2	41
65	Diarylethene-Powered Light-Induced Folding of Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 5845-5854.	6.6	41
66	Rational Design of Photoresponsive Supramolecular Assemblies Based on Diarylethene. <i>Chemistry - A European Journal</i> , 2013, 19, 6971-6975.	1.7	38
67	Self-sorting regioisomers through the hierarchical organization of hydrogen-bonded rosettes. <i>Chemical Communications</i> , 2016, 52, 8211-8214.	2.2	37
68	Exploiting Coordination Isomerism for Controlled Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15626-15630.	7.2	37
69	Regio- and Stereoisomeric Control of the Aggregation of Zinc-chlorins Possessing Inverted Interactive Hydroxyl and Carbonyl Groups. <i>Journal of Organic Chemistry</i> , 2002, 67, 49-58.	1.7	36
70	Photoresponsive melamine-barbiturate hydrogen-bonded assembly. <i>Chemical Communications</i> , 2003, , 1844-1845.	2.2	36
71	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
72	One-shot preparation of topologically chimeric nanofibers via a gradient supramolecular copolymerization. <i>Nature Communications</i> , 2019, 10, 4578.	5.8	35

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73	MAS NMR Structure of a Microcrystalline Cd-Bacteriochlorophyllid Analogue. <i>Journal of the American Chemical Society</i> , 2003, 125, 13374-13375.	6.6	34
74	Chirality in the Photochemical <i>mer</i> \rightarrow <i>fac</i> Geometrical Isomerization of Tris(1-phenylpyrazolato, <i>N</i> , <i>C</i>) ²⁺ iridium(III). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2104-2109.	1.0	34
75	High-fidelity self-assembly pathways for hydrogen-bonding molecular semiconductors. <i>Scientific Reports</i> , 2017, 7, 43098.	1.6	34
76	Water-induced self-assembly of an amphiphilic perylene bisimide dyad into vesicles, fibers, coils, and rings. <i>Materials Chemistry Frontiers</i> , 2018, 2, 171-179.	3.2	34
77	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
78	Catenation of Self-Assembled Nanorings. <i>Chemistry - A European Journal</i> , 2011, 17, 13657-13660.	1.7	31
79	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
80	Self-assembly of synthetic 81-hydroxy-chlorophyll analogues. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 52, 74-85.	1.7	30
81	Solution processable hydrogen-bonded perylene bisimide assemblies organizing into lamellar architectures. <i>Chemical Communications</i> , 2011, 47, 12447.	2.2	29
82	Water-induced helical supramolecular polymerization and gel formation of an alkylene-tethered perylene bisimide dyad. <i>Chemical Communications</i> , 2017, 53, 168-171.	2.2	29
83	Systematic Synthesis of Tetrathia[8]circulenes: The Influence of Peripheral Substituents on the Structures and Properties in Solution and Solid States. <i>Journal of Organic Chemistry</i> , 2020, 85, 62-69.	1.7	29
84	Synthesis and self-aggregation of zinc chlorophylls possessing an ω -hydroxyalkyl group: effect of distance between interactive hydroxy group and chlorin moiety on aggregation Alternative synthetic approach for 12 and 12D and IR spectra of the precipitates of 3D are available as supplementary data. For direct electronic access see http://www.rsc.org/suppdata/p1/b1/b107902f . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 3135-3144.	1.3	28
85	Synthesis and noncovalent polymerization of self-complementary hydrogen-bonding supramolecular synthons: N,N ² -disubstituted 4,6-diamino-pyrimidin-2(1H)-ones. <i>Chemical Communications</i> , 2004, , 1114-1115.	2.2	28
86	MAS NMR Structures of Aggregated Cadmium Chlorins Reveal Molecular Control of Self-Assembly of Chlorosomal Bacteriochlorophylls. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16556-16566.	1.2	28
87	Effect of an Aromatic Solvent on Hydrogen-Bond-Directed Supramolecular Polymerization Leading to Distinct Topologies. <i>Chemistry - A European Journal</i> , 2020, 26, 8997-9004.	1.7	28
88	Hydrogen bond-directed supramolecular polymorphism leading to soft and hard molecular ordering. <i>Chemical Communications</i> , 2020, 56, 4280-4283.	2.2	28
89	Multifunctional, Polymorphic, Ionic Fullerene Supramolecular Materials: Self-Assembly and Thermotropic Properties. <i>Langmuir</i> , 2011, 27, 7493-7501.	1.6	27
90	Impact of helical organization on the photovoltaic properties of oligothiophene supramolecular polymers. <i>Chemical Science</i> , 2018, 9, 3638-3643.	3.7	27

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91	Photoresponsive Circular Supramolecular Polymers: A Topological Trap and Photoinduced Ring-Opening Elongation. <i>Angewandte Chemie</i> , 2019, 131, 3804-3808.	1.6	27
92	Cyanurate-guided self-assembly of a melamine-capped oligo(p-phenylenevinylene). <i>Chemical Communications</i> , 2008, , 4466.	2.2	26
93	Hydrogen-bonded oligothiophene rosettes with a benzodithiophene terminal unit: self-assembly and application to bulk heterojunction solar cells. <i>Chemical Communications</i> , 2016, 52, 7874-7877.	2.2	25
94	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
95	Simultaneous SAXS and SANS Analysis for the Detection of Toroidal Supramolecular Polymers Composed of Noncovalent Supermacrocycles in Solution. <i>Angewandte Chemie</i> , 2016, 128, 10044-10047.	1.6	21
96	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
97	Molecular Arrangement of Alkylated Fullerenes in the Liquid Crystalline Phase Studied with X-ray Diffraction. <i>Langmuir</i> , 2010, 26, 4339-4345.	1.6	20
98	Realization of a lateral directional order in nematic and smectic A phases of rodlike molecules by using perfluoroarene-arene interactions. <i>Soft Matter</i> , 2011, 7, 5176.	1.2	20
99	Miniaturization of Nanofibers Composed of Melamine-appended Perylene Bisimides and Cyanurates. <i>Chemistry Letters</i> , 2008, 37, 764-765.	0.7	18
100	Indolocarbazoles end-capped with diketopyrrolopyrroles: impact of regioisomerism on the solid-state properties and the performance of solution-processed bulk heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14686.	5.2	18
101	Biasing the Hierarchy Motifs of Nanotoroids: from 1D Nanotubes to 2D Porous Networks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
102	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
103	Light-regulated crystal growth of π -conjugated luminophores in an azobenzene matrix. <i>Communications Chemistry</i> , 2018, 1, .	2.0	16
104	Mechanistic Insights into the Self-Assembly of an Acid-Sensitive Photoresponsive Supramolecular Polymer. <i>Chemistry - A European Journal</i> , 2019, 25, 9230-9236.	1.7	16
105	Guided supramolecular polymerization of oligo(p-phenylenevinylene) functionalized bismelamines. <i>Chemical Communications</i> , 2013, 49, 4941.	2.2	15
106	Tuning the Lifetime of Transient Phases of Mechanochromic Gold Isocyanide Complexes through Functionalization of the Terminal Moieties of Flexible Side Chains. <i>Chemistry Letters</i> , 2017, 46, 1415-1418.	0.7	15
107	Hierarchical self-assembly of an azobenzene dyad with inverted amide connection into toroidal and tubular nanostructures. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3996-3999.	1.5	15
108	Photoluminescence and Electroluminescence of 9,10-Bis(silylethynyl)anthracene. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2005, 18, 65-68.	0.1	14

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109	Effect of Oligoethylene Chains on the Formation of Photoresponsive Nanotubes by Azobenzene Dyad. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2475-2478.	1.2	14
110	Harmonizing Topological Features of Self-Assembled Fibers by Rosette-Mediated Random Supramolecular Copolymerization and Self-Sorting of Monomers by Photo-Cross-Linking. <i>Journal of the American Chemical Society</i> , 2022, 144, 13374-13383.	6.6	14
111	Time-resolved fluorescence of π - π -(9-anthryl)- π - π -(1-naphthyl)-oligosilanes: intramolecular electronic energy and charge transfer through π - π and π - π interactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1029-1035.	0.8	12
112	Phototriggered Supramolecular Polymerization of Barbituric Acid Rosette. <i>Chemistry Letters</i> , 2017, 46, 111-114.	0.7	12
113	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
114	Kontrolle der Selbstassemblierung durch Ausnutzung von Koordinationsisomerie. <i>Angewandte Chemie</i> , 2019, 131, 15772-15776.	1.6	12
115	Fluorescent supramolecular polymers of barbiturate dyes with thiophene-cored twisted π -systems. <i>Chemical Science</i> , 2022, 13, 1281-1287.	3.7	12
116	Perylene bisimide organogels formed by melamine-cyanurate/barbiturate hydrogen-bonded tapes. <i>Polymer Journal</i> , 2012, 44, 600-606.	1.3	11
117	Self-assembly of alkylated and perfluoroalkylated scissor-shaped azobenzene dyads into distinct structures. <i>Chemical Communications</i> , 2020, 56, 15619-15622.	2.2	11
118	Photoresponsive supramolecular copolymers from diarylethene- π -perylene bisimide hydrogen bonded complexes. <i>Polymer</i> , 2017, 128, 356-362.	1.8	10
119	Scissor-Shaped Photochromic Dyads: Hierarchical Self-Assembly and Photoresponsive Property. <i>Chemical Record</i> , 2022, 22, .	2.9	10
120	Photo-modulation of supramolecular polymorphism in the self-assembly of a scissor-shaped azobenzene dyad into nanotoroids and fibers. <i>Chemical Science</i> , 2022, 13, 3249-3255.	3.7	10
121	Photophysics and photochemistry of positionally isomeric 1,2-dianthryltetramethylsilanes: Investigation of anthryl-anthryl and anthryl-SiSi interactions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 218, 204-212.	2.0	9
122	Preparation and characterization of silver nanoparticles on localized surface plasmon-enhanced optical absorption. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 11RE01.	0.8	9
123	Two-Dimensional Chiral Self-Assembly of Barbituric-Acid-Functionalized Naphthelene Derivatives. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6412-6416.	1.5	9
124	Fluorescent Supramolecular Polymorphism Driven by Distinct Hydrogen Bonding Lattice. <i>Chemistry Letters</i> , 2020, 49, 1009-1012.	0.7	9
125	Effect of Azobenzene Regioisomerism on Intrinsically Curved Supramolecular Polymers. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 257-261.	1.3	9
126	Wavy supramolecular polymers formed by hydrogen-bonded rosettes. <i>Chemical Communications</i> , 2021, 57, 4779-4782.	2.2	9

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127	Photochemistry of 5-nitro-1,2-benzisothiazole derivatives: effects of substituents, solvents and excitation wavelength. <i>Tetrahedron Letters</i> , 2008, 49, 3444-3448.	0.7	8
128	A Perylene Bisimide Organogelator for Chlorinated Solvents. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 128-132.	1.3	8
129	Non-uniform Photoinduced Unfolding of Supramolecular Polymers Leading to Topological Block Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26986-26993.	7.2	8
130	Two-Dimensional Organization of Mono- and Bisurea Supramolecular Polymers Studied by Scanning Tunneling Microscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 803-808.	0.9	6
131	Small molecular host based on carbazole and m-terphenyl derivatives for efficient solution processed organic light-emitting diodes. <i>Synthetic Metals</i> , 2012, 162, 303-308.	2.1	6
132	Effect of Alkyl Substituents on 2D and 1D Self-assembly and Photovoltaic Properties of Hydrogen-bonded Oligothiophene Rosettes. <i>Chemistry Letters</i> , 2017, 46, 1102-1104.	0.7	6
133	Self-Sorting of Rosette-Forming Naphthalene Barbiturates into Distinct Toroidal Assemblies. <i>ChemPlusChem</i> , 2019, 84, 619-622.	1.3	6
134	Determination of the Glucose in Serum by the FT-IR-ATR Method. <i>Bunseki Kagaku</i> , 2005, 54, 149-154.	0.1	5
135	Fluorescence Patterning using Photochemical Cycloaddition of Di-9,9'-anthracene Conjugates linked by Permethylsilyl Chains. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2010, 23, 789-794.	0.1	5
136	Time-resolved fluorescence of β -di(1-naphthyl)oligosilanes and 1-naphthyloligosilanes: intramolecular excimer formation and charge-transfer interactions. <i>Research on Chemical Intermediates</i> , 2013, 39, 347-357.	1.3	5
137	Self-assembled Nanofibrils and Nanorings Formed from Oligo(<i>p</i> -phenylenevinylene) Dimers. <i>Chemistry Letters</i> , 2013, 42, 799-800.	0.7	5
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