

Kazushi Kinbara

List of Publications by Year in descending order

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130
papers

7,135
citations

109137

35
h-index

56606

83
g-index

153
all docs

153
docs citations

153
times ranked

8139
citing authors

#	ARTICLE	IF	CITATIONS
1	High-water-content mouldable hydrogels by mixing clay and a dendritic molecular binder. <i>Nature</i> , 2010, 463, 339-343.	13.7	1,446
2	Toward Intelligent Molecular Machines: Directed Motions of Biological and Artificial Molecules and Assemblies. <i>Chemical Reviews</i> , 2005, 105, 1377-1400.	23.0	808
3	Mechanical twisting of a guest by a photoresponsive host. <i>Nature</i> , 2006, 440, 512-515.	13.7	634
4	Light-Driven Open/Close Motion of Chiral Molecular Scissors. <i>Journal of the American Chemical Society</i> , 2003, 125, 5612-5613.	6.6	328
5	A Cyclic Dimer of Metalloporphyrin Forms a Highly Stable Inclusion Complex with C60. <i>Journal of the American Chemical Society</i> , 1999, 121, 9477-9478.	6.6	314
6	Chaperonin-mediated stabilization and ATP-triggered release of semiconductor nanoparticles. <i>Nature</i> , 2003, 423, 628-632.	13.7	232
7	Crystal Structures of the Salts of Chiral Primary Amines with Achiral Carboxylic Acids: Recognition of the Commonly-Occurring Supramolecular Assemblies of Hydrogen-Bond Networks and Their Role in the Formation of Conglomerates. <i>Journal of the American Chemical Society</i> , 1996, 118, 3441-3449.	6.6	196
8	Biomolecular robotics for chemomechanically driven guest delivery fuelled by intracellular ATP. <i>Nature Chemistry</i> , 2013, 5, 613-620.	6.6	195
9	Cyclic Dimers of Metalloporphyrins as Tunable Hosts for Fullerenes: A Remarkable Effect of Rhodium(III). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1857-1861.	7.2	169
10	Coumarin-derived transformable fluorescent sensor for Zn ²⁺ . <i>Chemical Communications</i> , 2012, 48, 4764.	2.2	147
11	Toward Long-Distance Mechanical Communication: Studies on a Ternary Complex Interconnected by a Bridging Rotary Module. <i>Journal of the American Chemical Society</i> , 2008, 130, 6725-6727.	6.6	116
12	Semibiological Molecular Machine with an Implemented AND Logic Gate for Regulation of Protein Folding. <i>Journal of the American Chemical Society</i> , 2006, 128, 3764-3769.	6.6	107
13	A Tubular Biocontainer: Metal Ion-Induced 1D Assembly of a Molecularly Engineered Chaperonin. <i>Journal of the American Chemical Society</i> , 2009, 131, 7556-7557.	6.6	89
14	Molecular Glues Carrying Multiple Guanidinium Ion Pendants via an Oligoether Spacer: Stabilization of Microtubules against Depolymerization. <i>Journal of the American Chemical Society</i> , 2009, 131, 1626-1627.	6.6	77
15	A Self-Locking Molecule Operative with a Photoresponsive Key. <i>Journal of the American Chemical Society</i> , 2006, 128, 11600-11605.	6.6	67
16	A Structured Monodisperse PEG for the Effective Suppression of Protein Aggregation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2430-2434.	7.2	66
17	Reversible Ion Transportation Switch by a Ligand-Gated Synthetic Supramolecular Ion Channel. <i>Journal of the American Chemical Society</i> , 2014, 136, 15584-15595.	6.6	65
18	Mechano-Sensitive Synthetic Ion Channels. <i>Journal of the American Chemical Society</i> , 2017, 139, 18016-18023.	6.6	65

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19	Reversible operation of chiral molecular scissors by redox and UV light. <i>Chemical Communications</i> , 2007, , 1441.	2.2	64
20	Thermally Driven Polymorphic Transition Prompting a Naked-Eye-Detectable Bending and Straightening Motion of Single Crystals. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7173-7178.	7.2	64
21	Chiral ferrocenes as novel rotary modules for molecular machines. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1871.	1.5	63
22	Chiral discrimination upon crystallisation of the diastereomeric salts of 1-arylethylamines with mandelic acid or p-methoxymandelic acid: interpretation of the resolution efficiencies on the basis of the crystal structures. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2615.	0.9	55
23	Design of resolving reagents: p-substituted mandelic acids as resolving reagents for 1-arylalkylamines. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1539-1542.	1.8	55
24	Ion Permeation by a Folded Multiblock Amphiphilic Oligomer Achieved by Hierarchical Construction of Self-Assembled Nanopores. <i>Journal of the American Chemical Society</i> , 2012, 134, 19788-19794.	6.6	54
25	Introduction: Molecular Motors. <i>Chemical Reviews</i> , 2020, 120, 1-4.	23.0	53
26	A high-performance, tailor-made resolving agent: remarkable enhancement of resolution ability by introducing a naphthyl group into the fundamental skeleton. <i>Perkin Transactions II RSC</i> , 2000, , 1339-1348.	1.1	52
27	Self-Repair of a One-Dimensional Molecular Assembly in Mesoporous Silica by a Nanoscopic Template Effect. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4241-4245.	7.2	51
28	Molecular Design of a Novel Dendrimer Porphyrin for Supramolecular Fullerene/Dendrimer Hybridization. <i>Macromolecules</i> , 2000, 33, 9182-9184.	2.2	49
29	Catalysis of a Peptidic Micellar Assembly Covalently Immobilized within Mesoporous Silica Channels: Importance of Amphiphilic Spatial Design. <i>Chemistry - A European Journal</i> , 2007, 13, 1731-1736.	1.7	49
30	Photoisomerization of ammonium β -unsaturated carboxylates in the solid state: effect of the hydrogen-bond network on the reactivity. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 247-253.	0.9	44
31	Shape-Directed Assembly of a Macromolecular Barb into Nanofibers: Stereospecific Cyclopolymerization of Isopropylidene Diallylmalonate. <i>Journal of the American Chemical Society</i> , 2010, 132, 3292-3294.	6.6	44
32	Effect of a Substituent on an Aromatic Group in Diastereomeric Resolution. <i>Tetrahedron</i> , 2000, 56, 6651-6655.	1.0	42
33	Controlling Volume Shrinkage in Soft Lithography through Heat-Induced Cross-Linking of Patterned Nanofibers. <i>Journal of the American Chemical Society</i> , 2011, 133, 2840-2843.	6.6	39
34	Adhesion Effects of a Guanidinium Ion Appended Dendritic Molecular Glue on the ATP-Driven Sliding Motion of Actomyosin. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3030-3033.	7.2	37
35	Characterization of a novel type of carbonic anhydrase that acts without metal cofactors. <i>BMC Biology</i> , 2021, 19, 105.	1.7	37
36	A synthetic ion channel with anisotropic ligand response. <i>Nature Communications</i> , 2020, 11, 2924.	5.8	36

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37	Mimicking multipass transmembrane proteins: synthesis, assembly and folding of alternating amphiphilic multiblock molecules in liposomal membranes. <i>Chemical Communications</i> , 2011, 47, 194-196.	2.2	34
38	Chiral discrimination of 2-arylalkanoic acids by (1S,2R)-1-aminoindan-2-ol through the formation of a consistent columnar supramolecular hydrogen-bond network. <i>Perkin Transactions II RSC</i> , 2000, , 111-119.	1.1	33
39	Design of Resolving Agents Based on Crystal Engineering. <i>Synlett</i> , 2005, 2005, 0732-0743.	1.0	31
40	Oligo(4-aminopiperidine-4-carboxylic acid): An Unusual Basic Oligopeptide with an Acid-Induced Helical Conformation. <i>Journal of the American Chemical Society</i> , 2010, 132, 13176-13178.	6.6	31
41	Probability of spontaneously resolvable conglomerates for racemic acid/racemic amine salts predicted on the basis of the results of diastereomeric resolutions. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2927-2930.	1.8	29
42	Rational Design of CH/π Interaction Sites in a Basic Resolving Agent. <i>Journal of Organic Chemistry</i> , 2004, 69, 7436-7441.	1.7	29
43	Development of photoresponsive supramolecular machines inspired by biological molecular systems. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2012, 13, 136-147.	5.6	29
44	Metal Ion Permeation in Congested Nanochannels: The Exposure Effect of Ag ⁺ Ions on the Phosphorescent Properties of a Gold(I)-Pyrazolate Complex that is Confined in the Nanoscopic Channels of Mesoporous Silica. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2068-2072.	1.7	29
45	Chromatography-free synthesis of monodisperse oligo(ethylene glycol) mono-p-toluenesulfonates and quantitative analysis of oligomer purity. <i>Polymer Chemistry</i> , 2016, 7, 2389-2394.	1.9	29
46	Systematic study of chiral discrimination upon crystallisation. Part 2.1 Chiral discrimination of 2-arylalkanoic acids by (1R,2S)-2-amino-1,2-diphenylethanol. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 1767-1776.	0.9	28
47	Single-Cell E. Coli Response to an Instantaneously Applied Chemotactic Signal. <i>Biophysical Journal</i> , 2014, 107, 730-739.	0.2	28
48	Chemical Modification of Amide-Based Catenanes and Rotaxanes II. Synthesis of tertiary Amine [2]Catenanes and [2] Rotaxanes via N-Methylation Followed by Borane Reduction of secondary Amide [2]Catenanes and [2]Rotaxanes and Mobility of Their Components. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 149-155.	2.0	24
49	Optical Resolution of 1-(3-Methoxyphenyl)ethylamine with Enantiomerically Pure Mandelic Acid, and the Crystal Structure of Less-Soluble Diastereomeric Salt. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 3414-3418.	2.0	23
50	Newly characterized interaction stabilizes DNA structure: oligoethylene glycols stabilize G-quadruplexes CH ⁺ interactions. <i>Nucleic Acids Research</i> , 2017, 45, 7021-7030.	6.5	23
51	Synthetic Ion Channel Formed by Multiblock Amphiphile with Anisotropic Dual-Stimuli-Responsiveness. <i>Journal of the American Chemical Society</i> , 2021, 143, 1348-1355.	6.6	23
52	Supramolecular Transmembrane Ion Channels Formed by Multiblock Amphiphiles. <i>Accounts of Chemical Research</i> , 2021, 54, 3700-3709.	7.6	23
53	Chiral Discrimination during Crystallization. <i>Topics in Stereochemistry</i> , 2003, , 207-265.	2.0	22
54	Crystallographic and Chiroptical Studies on Tetraarylferrocenes for Use as Chiral Rotary Modules for Molecular Machines. <i>Chemistry - A European Journal</i> , 2007, 13, 1724-1730.	1.7	22

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55	Protein stabilization by an amphiphilic short monodisperse oligo(ethylene glycol). <i>Chemical Communications</i> , 2015, 51, 8457-8460.	2.2	22
56	Micrometer-Size Vesicle Formation Triggered by UV Light. <i>Langmuir</i> , 2014, 30, 7289-7295.	1.6	21
57	Application of photoactive yellow protein as a photoresponsive module for controlling hemolytic activity of staphylococcal α -hemolysin. <i>Chemical Communications</i> , 2012, 48, 4737.	2.2	19
58	Novel Copolyamides Containing [60]Fullerene in the Main Chain. <i>Chemistry Letters</i> , 1997, 26, 1037-1038.	0.7	18
59	Hermaphroditic Chirality of a D ₂ -Symmetric Saddle-Shaped Porphyrin in Multicomponent Spontaneous Optical Resolution: Inclusion Cocrystals with Double-Helical Porphyrin Arrays. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3786-3790.	7.2	18
60	Multigram chromatography-free synthesis of octa(ethylene glycol) p-toluenesulfonate. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1524-1534.	2.3	18
61	(2-Naphthyl)glycolic acid: a tailored resolving agent for p-substituted 1-arylethylamines. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2219-2222.	1.8	17
62	Monodisperse engineered PEGs for bio-related applications. <i>Polymer Journal</i> , 2018, 50, 689-697.	1.3	17
63	Supramolecular Mechanosensitive Potassium Channel Formed by Fluorinated Amphiphilic Cyclophane. <i>Journal of the American Chemical Society</i> , 2022, 144, 11802-11809.	6.6	17
64	Synthesis, absolute configuration, and application of enantiopure trans-1-aminobenz[f]indan-2-ol. <i>Chirality</i> , 2005, 17, 108-112.	1.3	16
65	Synthesis and transformation of a novel methano[60]fullerene having a formyl group. <i>Tetrahedron Letters</i> , 2001, 42, 5069-5071.	0.7	15
66	Synthesis and Structure of Macrocyclic Bis(hydroxynaphthoic amide)s Connected by an Achiral or Chiral Diamine. <i>Journal of Organic Chemistry</i> , 2003, 68, 5812-5818.	1.7	15
67	Toward autonomously operating molecular machines driven by transition-metal catalyst. <i>Molecular BioSystems</i> , 2008, 4, 512.	2.9	15
68	Template sol-gel synthesis of mesostructured silica composites using metal complexes bearing amphiphilic side chains: immobilization of a polymeric Pt complex formed by a metallophilic interaction. <i>Faraday Discussions</i> , 2009, 143, 335.	1.6	14
69	Thermally Driven Micrometer-Scale Aqueous Phase Separation of Amphiphilic Oligoethylene Glycol Analogues. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2778-2788.	1.7	14
70	A novel reaction of [60]fullerene. A formal [2+2] cycloaddition with aryloxy- and alkoxyketenes. <i>Tetrahedron Letters</i> , 1999, 40, 899-902.	0.7	13
71	Synthesis of methano[60]fullerene derivatives: the fluoride ion-mediated reaction of [60]fullerene with silylated nucleophiles. <i>Tetrahedron Letters</i> , 2001, 42, 5065-5067.	0.7	13
72	Enantiopure trans- and cis-3-Aminoindan-1-ols: Preparation and Application as Novel Basic Resolving Agents. <i>Chemistry Letters</i> , 2002, 31, 266-267.	0.7	13

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73	Bioinspired multi-block molecules. <i>Chemical Communications</i> , 2016, 52, 2667-2678.	2.2	13
74	Synthesis and properties of polyamides with [60]fullerene in the main chain. <i>Journal of Polymer Science Part A</i> , 1998, 36, 3139-3146.	2.5	12
75	Chiral discrimination of 2-arylalkanoic acids by (1S,2S)-1-aminoindan-2-ol and (1S,2S)-2-aminoindan-1-ol: Correlation of the relative configuration of the amino and hydroxy groups with the pattern of a supramolecular hydrogen-bond network in the less-soluble diastereomeric salt. <i>Chirality</i> , 2003, 15, 564-570.	1.3	12
76	Photoreactive molecular complex of 2,5-distyrylpyrazine and ethyl 4-[2-(2-pyrazinyl)ethenyl]cinnamate. Formation of perfectly ordered polymer composite by crystalline-state photopolymerization. <i>Journal of the American Chemical Society</i> , 1993, 115, 3820-3821.	6.6	10
77	Synthesis and Structure of [2]Catenated tertiary Octamide and Octamine. <i>Chemistry Letters</i> , 1999, 28, 915-916.	0.7	10
78	Thermal-aggregation suppression of proteins by a structured PEG analogue: Importance of denaturation temperature for effective aggregation suppression. <i>Biochemical Engineering Journal</i> , 2014, 86, 41-48.	1.8	10
79	Thermoresponsive Self-assembly and Conformational Changes of Amphiphilic Monodisperse Short Poly(ethylene glycol)s in Water. <i>Chemistry Letters</i> , 2014, 43, 1055-1057.	0.7	10
80	G-Catena Quadruplexes with Tetra(ethylene glycol)-Modified Deoxythymidines are Resistant to Nucleases and Inhibit HIV-1 Reverse Transcriptase. <i>ChemBioChem</i> , 2016, 17, 1399-1402.	1.3	10
81	Imidazolium-based Multiblock Amphiphile as Transmembrane Anion Transporter. <i>Chemistry - an Asian Journal</i> , 2021, 16, 147-157.	1.7	9
82	Photochemical EZ-Isomerization of α,β -Unsaturated Amides and Thioamides in the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 779-784.	2.0	8
83	From Electron Pump to Proton Channel. <i>Science</i> , 2006, 313, 51-52.	6.0	8
84	Thermal and optical properties of multiblock macrocycles with hysteretic polymorphic transition. <i>Materials Chemistry Frontiers</i> , 2018, 2, 969-974.	3.2	8
85	Aromatic Fluorination of Multiblock Amphiphile Enhances Its Incorporation into Lipid Bilayer Membranes. <i>ChemistryOpen</i> , 2020, 9, 301-303.	0.9	8
86	EZ-Isomerization of α,β -unsaturated Acid Derivatives in the Solid State. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 276, 141-151.	0.3	7
87	Contrasting Topological Effect of PEG-Containing Amphiphiles to Natural Lipids on Stability of Vesicles. <i>Langmuir</i> , 2016, 32, 4546-4553.	1.6	7
88	Image analysis of β -tubulin rings in two-dimensional crystalline arrays of periodic mesoporous nanostructures. <i>Journal of Biochemistry</i> , 2010, 147, 555-563.	0.9	6
89	Thermally-induced lateral assembly of a PEG-containing amphiphile triggering vesicle budding. <i>Chemical Communications</i> , 2017, 53, 11662-11665.	2.2	6
90	Optical Resolution and Absolute Configuration of anti-Head-to-Head Umbelliferone Dimer. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 900-905.	2.0	5

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91	Formation of a Topochemically Photoreactive Mixed Crystal by Grinding and Its Mechanistic Interpretation. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 1204-1210.	2.0	5
92	TETHER-LINKED [60]FULLERENE-DONOR DYADS. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 2001, 9, 467-475.	0.6	5
93	Light-triggered vesicle formation: important factors for generation of vesicles and possible applications. <i>Pure and Applied Chemistry</i> , 2014, 86, 1259-1267.	0.9	5
94	Synthesis and Thermal Responses of Polygonal Poly(ethylene glycol) Analogues. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1028-1035.	1.7	5
95	Multifarious Polymorphism of a Multiblock Amphiphilic Macrocyclic Bearing Thermally Responsive Polyether Segment. <i>ACS Omega</i> , 2018, 3, 414-418.	1.6	5
96	New Modified Deoxythymine with Dibranching Tetraethylene Glycol Stabilizes G-Quadruplex Structures. <i>Molecules</i> , 2020, 25, 705.	1.7	5
97	Formation of Ketones from Alkyl Nitrites in the Solid State. <i>Chemistry Letters</i> , 1996, 25, 217-218.	0.7	4
98	Molecular-level chiral discrimination and induction. <i>Journal of Chemical Sciences</i> , 1996, 108, 555-573.	0.7	4
99	Azidoacetamide, a neutral small organic azide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o6-o8.	0.2	4
100	Regio- and Stereoselective Synthesis of <i>trans</i> -4-[60]Fullerenobisacetic Acid Derivative by a Tether-Directed Biscyclopropanation: A Diacid Component Applicable for the Synthesis of Regio- and Stereo-regular [60]Fullerene Pearl-Necklace Polyamides. <i>Chemistry Letters</i> , 2002, 31, 728-729.	0.7	4
101	Heating effect of a one-dimensional molecular assembly on self-repairing capability in the nanoscopic channels of mesoporous silica. , 2010, , .		4
102	Thermally resistive phosphorescent molecular assembly in the channels of mesoporous silica nanocomposites. , 2012, , .		4
103	Enzymatically cleavable traceless biotin tags for protein PEGylation and purification. <i>Chemical Communications</i> , 2018, 54, 1913-1916.	2.2	4
104	Applications to water transport systems: general discussion. <i>Faraday Discussions</i> , 2018, 209, 389-414.	1.6	4
105	Heat-triggered Crystallization of Liquid Crystalline Macrocycles Allowing for Conductance Switching through Hysteretic Thermal Phase Transitions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 141-148.	1.7	4
106	Calcium-induced reversible assembly of phosphorylated amphiphile within lipid bilayer membranes. <i>Chemical Communications</i> , 2021, 57, 4106-4109.	2.2	4
107	Cyclic Dimers of Metalloporphyrins as Tunable Hosts for Fullerenes: A Remarkable Effect of Rhodium(III). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1857-1861.	7.2	4
108	Thermo-driven self-assembly of a PEG-containing amphiphile in a bilayer membrane. <i>RSC Advances</i> , 2020, 10, 25758-25762.	1.7	3

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109	Amplification of Light-induced Molecular-Shape Change by Supramolecular Machines. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2012, 25, 655-658.	0.1	2
110	Development of Stimuli-Responsive Multi-Block Amphiphiles. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2015, 28, 579-582.	0.1	2
111	Session 2SDA "Nonequilibrium energetics of biological molecular machines. <i>Biophysical Reviews</i> , 2020, 12, 273-274.	1.5	2
112	Design of Resolving Agents Based on Crystal Engineering. <i>ChemInform</i> , 2005, 36, no.	0.1	1
113	Template Sol-Gel Synthesis of Phosphorescent Mesoporous Silica Film Nanocomposites Using an Amphiphilic Gold (I) Pyrazolate Complex. <i>Advanced Materials Research</i> , 0, 364, 55-59.	0.3	1
114	Grafting synthetic transmembrane units to the engineered low-toxicity $\hat{\pm}$ -hemolysin to restore its hemolytic activity. <i>Molecular BioSystems</i> , 2014, 10, 3199-3206.	2.9	1
115	Localization of transmembrane multiblock amphiphilic molecules in phase-separated vesicles. <i>Faraday Discussions</i> , 2018, 209, 315-328.	1.6	1
116	Development of an Engineered Photoactive Yellow Protein as a Cross-Linking Junction for Construction of Photoresponsive Protein-Polymer Conjugates. <i>ChemPhotoChem</i> , 2019, 3, 356-360.	1.5	1
117	Transesterification on Polyols by Intra- and Intermolecular Nucleophilic Substitutions. <i>PLoS ONE</i> , 2014, 9, e91912.	1.1	1
118	Development of Supramolecular Machines Allowing for Mechanical Communication between Molecules. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009, 67, 1044-1052.	0.0	1
119	Role of Hydrogen-Bond Network in the Formation of a Conglomerate.. <i>Nihon Kessho Gakkaishi</i> , 1996, 38, 414-420.	0.0	1
120	Synthesis and Structure of Macrocyclic Bis(hydroxynaphthoic amide)s Connected by an Achiral or Chiral Diamine.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
121	Rational Design of CH/π Interaction Sites in a Basic Resolving Agent.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
122	Toward Intelligent Molecular Machines: Directed Motions of Biological and Artificial Molecules and Assemblies. <i>ChemInform</i> , 2005, 36, no.	0.1	0
123	Regio- and Stereoselective Synthesis of a trans-[60]Fullerenobisacetic Acid Derivative by a Tether-Directed Biscyclopropanation: A Diacid Component Applicable for the Synthesis of Regio- and Stereo-Regular [60]Fullerene Pearl-Necklace Polyamides.. <i>ChemInform</i> , 2002, 33, 86-86.	0.1	0
124	Development of Bioinspired Molecular Machines and their Functions. <i>Hyomen Kagaku</i> , 2010, 31, 283-289.	0.0	0
125	Development of Self-Assembling Alternating Amphiphilic Compounds. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2014, 27, 557-560.	0.1	0
126	Reversible formation of multiple stimuli-responsive polymeric materials through processing control of trifunctional amphiphilic molecules. <i>Chemical Communications</i> , 2020, 56, 7881-7884.	2.2	0

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127	Chemical Molecular Machines and Robots. , 2021, , 1-13.		0
128	Dynamic Functional Materials Utilizing Chaperonins. Kobunshi, 2005, 54, 82-82.	0.0	0
129	Development and Functionalization of Structural Mimics of Multipass Transmembrane Proteins. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2013, 71, 1045-1050.	0.0	0
130	Properties of Imidazolinium-containing Multiblock Amphiphile in Lipid Bilayer Membranes. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2021, 34, 161-165.	0.1	0