

# Yoshito Tobe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3255277/publications.pdf>

Version: 2024-02-01

301  
papers

11,614  
citations

28190

55  
h-index

42291

92  
g-index

343  
all docs

343  
docs citations

343  
times ranked

6895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innentitelbild: Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene within Annulene Models (Angew. Chem. 6/2022). Angewandte Chemie, 2022, 134, .	1.6	0
2	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene within Annulene Models. Angewandte Chemie, 2022, 134, .	1.6	0
3	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene within Annulene Models. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
4	Crystal Structures of Tetramesityl-Substituted Tetracyclopenta[ <i>def,jkl,pqr,vwx</i> ]tetraphenylene. European Journal of Organic Chemistry, 2021, 2021, 3528-3534.	1.2	5
5	Chirality in porous self-assembled monolayer networks at liquid/solid interfaces: induction, reversion, recognition and transfer. Chemical Communications, 2021, 57, 962-977.	2.2	15
6	Supramolecular Metallacycles and Their Binding of Fullerenes. Chemistry - A European Journal, 2020, 26, 3609-3613.	1.7	6
7	On the Thermal Stability of Aryl Groups Chemisorbed on Graphite. Journal of Physical Chemistry C, 2020, 124, 1980-1990.	1.5	15
8	Hierarchical two-dimensional molecular assembly through dynamic combination of conformational states at the liquid/solid interface. Chemical Science, 2020, 11, 9254-9261.	3.7	12
9	Porous Self-Assembled Molecular Networks as Templates for Chiral-Position-Controlled Chemical Functionalization of Graphitic Surfaces. Journal of the American Chemical Society, 2020, 142, 7699-7708.	6.6	26
10	Trapping a pentagonal molecule in a self-assembled molecular network: an alkoxyated isosceles triangular molecule does the job. Chemical Communications, 2020, 56, 5401-5404.	2.2	8
11	Stereospecific Epitaxial Growth of Bilayered Porous Molecular Networks. Journal of the American Chemical Society, 2020, 142, 8662-8671.	6.6	11
12	An Approach to the Synthesis of a Two-Dimensional Polymer Using a Preorganized Host-Guest Network by Self-Assembly at the Liquid/Solid Interface. ChemNanoMat, 2020, 6, 550-559.	1.5	3
13	A Lucky Encounter that Triggered a Leap. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2020, 78, 162-165.	0.0	0
14	Alkoxy Chain Number Effect on Self-Assembly of a Trigonal Molecule at the Liquid/Solid Interface. Journal of Physical Chemistry C, 2019, 123, 27020-27029.	1.5	11
15	Electrostatically Driven Guest Binding in Self-Assembled Molecular Network of Hexagonal Pyridine Macrocyclic at the Liquid/Solid Interface: Symmetry Breaking Induced by Coadsorbed Solvent Molecules. Langmuir, 2019, 35, 15051-15062.	1.6	5
16	Phase selectivity triggered by nanoconfinement: the impact of corral dimensions. Chemical Communications, 2019, 55, 2226-2229.	2.2	17
17	On-Surface Evolution of meso-Isomerism in Two-Dimensional Supramolecular Assemblies. Angewandte Chemie - International Edition, 2019, 58, 9611-9618.	7.2	6
18	On-Surface Evolution of meso-Isomerism in Two-Dimensional Supramolecular Assemblies. Angewandte Chemie, 2019, 131, 9713-9720.	1.6	0

#	ARTICLE	IF	CITATIONS
19	[2.2.2](2,7)-Bromonaphthalenophane from a Desymmetrized Building Block Bearing Electrophilic and Masked Nucleophilic Functionalities. <i>Helvetica Chimica Acta</i> , 2019, 102, e1800242.	1.0	1
20	Reversing the Handedness of Self-Assembled Porous Molecular Networks through the Number of Identical Chiral Centres. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7733-7738.	7.2	19
21	Reversing the Handedness of Self-Assembled Porous Molecular Networks through the Number of Identical Chiral Centres. <i>Angewandte Chemie</i> , 2019, 131, 7815-7820.	1.6	4
22	9,10-Dihydro-indacenodithiophenes: Isomers with an Indacene Core. <i>Journal of Organic Chemistry</i> , 2019, 84, 3927-3939.	1.7	1
23	Steric and Electronic Effects of Electrochemically Generated Aryl Radicals on Grafting of the Graphite Surface. <i>Langmuir</i> , 2019, 35, 2089-2098.	1.6	30
24	Structural Insights into the Mechanism of Chiral Recognition and Chirality Transfer in Host-Guest Assemblies at the Liquid-Solid Interface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8228-8235.	1.5	19
25	Electrostatically Driven Guest Binding in a Self-Assembled Porous Network at the Liquid/Solid Interface. <i>Langmuir</i> , 2018, 34, 6036-6045.	1.6	8
26	Quinodimethanes Incorporated in Non-Benzenoid Aromatic or Antiaromatic Frameworks. <i>Topics in Current Chemistry</i> , 2018, 376, 12.	3.0	56
27	Computational insight into the origin of unexpected contrast in chiral markers as revealed by STM. <i>Nanoscale</i> , 2018, 10, 1680-1694.	2.8	5
28	How Does Chemisorption Impact Physisorption? Molecular View of Defect Incorporation and Perturbation of Two-Dimensional Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24046-24054.	1.5	14
29	Self-Assembled Monolayers as Templates for Linearly Nanopatterned Covalent Chemical Functionalization of Graphite and Graphene Surfaces. <i>ACS Nano</i> , 2018, 12, 11520-11528.	7.3	44
30	The Asymmetry is Derived from Mechanical Interlocking of Achiral Axle and Achiral Ring Components - Syntheses and Properties of Optically Pure [2]Rotaxanes. <i>Symmetry</i> , 2018, 10, 20.	1.1	31
31	Quinodimethanes Incorporated in Non-Benzenoid Aromatic or Antiaromatic Frameworks. <i>Topics in Current Chemistry Collections</i> , 2018, , 107-168.	0.2	4
32	Fluoreno[2,3-b]fluorene vs Indeno[2,1-b]fluorene: Unusual Relationship between the Number of $\pi$ Electrons and Excitation Energy in <i>m</i> -Quinodimethane-Type Singlet Diradicaloids. <i>Journal of Organic Chemistry</i> , 2017, 82, 1380-1388.	1.7	52
33	Synthesis and structures of [2 <sub>n</sub> ](2,7)naphthalenophanes ( $n = 2-4$ ). <i>Canadian Journal of Chemistry</i> , 2017, 95, 445-449.	0.6	2
34	Host-Guest Chemistry in Integrated Porous Space Formed by Molecular Self-Assembly at Liquid-Solid Interfaces. <i>Langmuir</i> , 2017, 33, 4601-4618.	1.6	60
35	Odd-Even Effects in Chiral Phase Transition at the Liquid/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10430-10438.	1.5	18
36	Skeletal Rearrangement of Twisted Polycyclic Aromatic Hydrocarbons under Scholl Reaction Conditions. <i>Organic Letters</i> , 2017, 19, 3227-3230.	2.4	54

#	ARTICLE	IF	CITATIONS
37	Area-selective passivation of $sp^2$ carbon surfaces by supramolecular self-assembly. <i>Nanoscale</i> , 2017, 9, 5188-5193.	2.8	14
38	Generation of Aromatic (Dehydro)benzoannulene Dications Stabilized by Platinum Catecholate Complexes. <i>ChemPlusChem</i> , 2017, 82, 1052-1056.	1.3	5
39	On the formation of concentric 2D multicomponent assemblies at the solution–solid interface. <i>Chemical Communications</i> , 2017, 53, 1108-1111.	2.2	40
40	Transfer of chiral information from a chiral solvent to a two-dimensional network. <i>Faraday Discussions</i> , 2017, 204, 215-231.	1.6	10
41	Novel Aromatics: From Synthesis to Applications. <i>ChemPlusChem</i> , 2017, 82, 943-944.	1.3	4
42	Hexagonal Molecular Tiling by Hexagonal Macrocycles at the Liquid/Solid Interface: Structural Effects on Packing Geometry. <i>Langmuir</i> , 2017, 33, 12453-12462.	1.6	21
43	Diindenopyrenes: Extended 1,6- and 1,8-Pyrenoquinodimethanes with Singlet Diradical Characters. <i>Journal of Organic Chemistry</i> , 2016, 81, 3735-3743.	1.7	35
44	Self-Assembled Dehydro[24]annulene Monolayers at the Liquid/Solid Interface: Toward On-Surface Synthesis of Tubular $\pi$ -Conjugated Nanowires. <i>Langmuir</i> , 2016, 32, 5532-5541.	1.6	12
45	Syntheses and stimuli-responsive rocking motions of a rotaxane bearing different stoppers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 184-189.	2.0	2
46	Dynamic control over supramolecular handedness by selecting chiral induction pathways at the solution–solid interface. <i>Nature Chemistry</i> , 2016, 8, 711-717.	6.6	107
47	Synthesis and Photophysical Properties of 9,10-Bis(3-aryl-2-naphthyl)anthracenes. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 110-112.	2.0	10
48	Complex Chiral Induction Processes at the Solution/Solid Interface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 17444-17453.	1.5	18
49	Construction of cyclic arrays of Zn-porphyrin units and their guest binding at the solid–liquid interface. <i>Chemical Communications</i> , 2016, 52, 14419-14422.	2.2	6
50	Coadsorption of $Tb^{III}$ –Porphyrin Double-decker Single-molecule Magnets in a Porous Molecular Network: Toward Controlled Alignment of Single-molecule Magnets on a Carbon Surface. <i>Chemistry Letters</i> , 2016, 45, 286-288.	0.7	4
51	Adaptive Building Blocks Consisting of Rigid Triangular Core and Flexible Alkoxy Chains for Self-Assembly at Liquid/Solid Interfaces. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1277-1306.	2.0	65
52	Thermal control of sequential on-surface transformation of a hydrocarbon molecule on a copper surface. <i>Nature Communications</i> , 2016, 7, 12711.	5.8	71
53	Twisted Polycyclic Aromatic Hydrocarbon with a Cyclooctatetraene Core via Formal [4+4] Dimerization of Indenofluorene. <i>Synlett</i> , 2016, 27, 2140-2144.	1.0	10
54	Periodic Functionalization of Surface-Confined Pores in a Two-Dimensional Porous Network Using a Tailored Molecular Building Block. <i>ACS Nano</i> , 2016, 10, 2113-2120.	7.3	40

#	ARTICLE	IF	CITATIONS
55	Innentitelbild: Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: A Potential Tetraradicaloid Hydrocarbon (Angew. Chem. 7/2015). Angewandte Chemie, 2015, 127, 2000-2000.	1.6	0
56	Alkoxyated dehydrobenzo[12]annulene on Au(111): from single molecules to quantum dot molecular networks. Chemical Communications, 2015, 51, 10917-10920.	2.2	6
57	Square Tiling by Square Macrocycles at the Liquid/Solid Interface: Co-crystallisation with One- or Two-Dimensional Order. Chemistry - A European Journal, 2015, 21, 6806-6816.	1.7	18
58	Non-alternant non-benzenoid aromatic compounds: Past, Present, and Future. Chemical Record, 2015, 15, 86-96.	2.9	110
59	Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: A Potential Tetraradicaloid Hydrocarbon. Angewandte Chemie - International Edition, 2015, 54, 2090-2094.	7.2	87
60	Efficient screening of 2D molecular polymorphs at the solution-solid interface. Nanoscale, 2015, 7, 5344-5349.	2.8	22
61	Chemistry of Anthracene-Acetylene Oligomers XXV: On the Surface Chirality of a Self-Assembled Molecular Network of a Fan-Blade-Shaped Anthracene-Acetylene Macrocyclic with a Long Alkyl Chain. Chemistry - A European Journal, 2015, 21, 5520-5527.	1.7	10
62	Multicomponent Self-Assembly with a Shape-Persistent N-Heterotriangulene Macrocyclic on Au(111). Chemistry - A European Journal, 2015, 21, 1652-1659.	1.7	33
63	Effect of Multiple Interactions on Face-On vs Edge-On Configurations of Butadiyne-Bridged Octadehydrodibenzo[12]annulene Derivatives at the Liquid/Graphite Interface. Journal of Physical Chemistry C, 2015, 119, 15977-15981.	1.5	8
64	Formation of Multicomponent Star Structures at the Liquid/Solid Interface. Langmuir, 2015, 31, 7032-7040.	1.6	38
65	Covalent Modification of Graphene and Graphite Using Diazonium Chemistry: Tunable Grafting and Nanomanipulation. ACS Nano, 2015, 9, 5520-5535.	7.3	274
66	Non-alternant non-benzenoid kekulenes: the birth of a new kekulene family. Chemical Society Reviews, 2015, 44, 6560-6577.	18.7	106
67	On the stability of surface-confined nanoporous molecular networks. Journal of Chemical Physics, 2015, 142, 101932.	1.2	6
68	Towards enantioselective adsorption in surface-confined nanoporous systems. Chemical Communications, 2015, 51, 4766-4769.	2.2	53
69	Design of efficient sergeant molecules for chiral induction in nano-porous supramolecular assemblies. RSC Advances, 2015, 5, 6642-6646.	1.7	7
70	Indenofluorene congeners: Biradicaloids and beyond. Pure and Applied Chemistry, 2014, 86, 517-528.	0.9	40
71	Direct observation of adsorption geometry for the van der Waals adsorption of a single $\pi$ -conjugated hydrocarbon molecule on Au(111). Journal of Chemical Physics, 2014, 140, 074709.	1.2	13
72	Benz[c]indeno[2,1-a]fluorene: a 2,3-naphthoquinodimethane incorporated into an indenofluorene frame. Chemical Science, 2014, 5, 163-168.	3.7	75

#	ARTICLE	IF	CITATIONS
73	Harnessing by a diacetylene unit: a molecular design for porous two-dimensional network formation at the liquid/solid interface. <i>Chemical Communications</i> , 2014, 50, 2831.	2.2	16
74	Porous molecular networks formed by the self-assembly of positively-charged trigonal building blocks at the liquid/solid interfaces. <i>Chemical Communications</i> , 2014, 50, 7683-7685.	2.2	10
75	Multifunctional $\pi$ -Expanded Macrocyclic Oligothiophene 6-Mers and Related Macrocyclic Oligomers. <i>Journal of the American Chemical Society</i> , 2014, 136, 2389-2396.	6.6	56
76	Axle Length Does Not Affect Switching Dynamics in Degenerate Molecular Shuttles with Rigid Spacers. <i>Journal of the American Chemical Society</i> , 2014, 136, 7899-7906.	6.6	49
77	Functionalized Surface-Confined Pores: Guest Binding Directed by Lateral Noncovalent Interactions at the Solid-Liquid Interface. <i>ACS Nano</i> , 2014, 8, 8683-8694.	7.3	37
78	Transformation of octadehydridibenzo[12]annulene to benzonaphthopentalene by successive nucleophilic and electrophilic transannular cyclizations. <i>Tetrahedron</i> , 2014, 70, 8474-8479.	1.0	8
79	Efficient molecular recognition based on nonspecific van der Waals interaction at the solid/liquid interface. <i>Chemical Communications</i> , 2014, 50, 11946-11949.	2.2	14
80	[4.2](2,2- $\pi^2$ )(2,2- $\pi^2$ )Biphenylophanetriyne: A Twisted Biphenylophane with a Highly Distorted Diacetylene Bridge. <i>Organic Letters</i> , 2014, 16, 1940-1943.	2.4	29
81	Synthesis of 4-Substituted 3,5-Dinitro-1,4-dihydropyridines by the Self-Condensation of $\beta$ -Formyl- $\beta$ -nitroenamine. <i>Journal of Organic Chemistry</i> , 2014, 79, 2163-2169.	1.7	20
82	Electrophilic Tandem Transannular Cyclization of Octadehydrotribenzo[14]annulene to Benzodiindenocyclooctatetraenes. <i>Chemistry Letters</i> , 2014, 43, 1210-1212.	0.7	5
83	Facile Synthesis of 3,3- $\pi^2$ -Disubstituted 2,2- $\pi^2$ -Binaphthyls by Transition-metal-catalyzed Double Benzannulation. <i>Chemistry Letters</i> , 2014, 43, 883-884.	0.7	16
84	Syntheses and Properties of Graphyne Fragments: Trigonal Expanded Dehydrobenzo[12]annulenes. <i>Chemistry - A European Journal</i> , 2013, 19, 11251-11260.	1.7	66
85	Self-Assembled Air-Stable Supramolecular Porous Networks on Graphene. <i>ACS Nano</i> , 2013, 7, 10764-10772.	7.3	55
86	Synthesis and physical properties of zethrene derivatives bearing donor/acceptor substituents at 7,14-positions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8256.	1.5	17
87	Self-assembly of molecular tripods in two dimensions: structure and thermodynamics from computer simulations. <i>RSC Advances</i> , 2013, 3, 25159.	1.7	29
88	Temperature-Induced Structural Phase Transitions in a Two-Dimensional Self-Assembled Network. <i>Journal of the American Chemical Society</i> , 2013, 135, 12068-12075.	6.6	180
89	A Tale of Tails: Alkyl Chain Directed Formation of 2D Porous Networks Reveals Odd-Even Effects and Unexpected Bicomponent Phase Behavior. <i>ACS Nano</i> , 2013, 7, 8031-8042.	7.3	58
90	Oxidative Cyclodimerization After Tandem Cyclization of Dehydrobenzo[14]annulenes Induced by Alkylolithium. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4184-4188.	7.2	13

#	ARTICLE	IF	CITATIONS
91	Indeno[2,1-b]fluorene: A 20 $\pi$ -Electron Hydrocarbon with Very Low-Energy Light Absorption. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6076-6079.	7.2	228
92	Indeno[2,1-b]fluorene: A 20 $\pi$ -Electron Hydrocarbon with Very Low-Energy Light Absorption ( <i>Angew. Chem.</i> 23/2013). <i>Angewandte Chemie</i> , 2013, 125, 6228-6228.	1.6	0
93	Tailoring Surface-Confined Nanopores with Photoresponsive Groups. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8373-8376.	7.2	57
94	Solvent-Induced Homochirality in Surface-Confined Low-Density Nanoporous Molecular Networks. <i>Journal of the American Chemical Society</i> , 2012, 134, 19568-19571.	6.6	69
95	Role of Substrate in Directing the Self-Assembly of Multicomponent Supramolecular Networks at the Liquid-Solid Interface. <i>ACS Nano</i> , 2012, 6, 8381-8389.	7.3	74
96	Amplification of enantioselectivity and sensitivity based on non-linear response of molecular wire bearing pseudo-18-crown-6 to chiral amines. <i>Chemical Communications</i> , 2012, 48, 6052.	2.2	11
97	Tuning the size of supramolecular M <sub>4</sub> L <sub>4</sub> tetrahedra by ligand connectivity. <i>Dalton Transactions</i> , 2012, 41, 9316.	1.6	11
98	Molecular Propellers that Consist of Dehydrobenzo[14]annulene Blades. <i>Chemistry - A European Journal</i> , 2012, 18, 12814-12824.	1.7	19
99	Ordering of Molecules with $\pi$ -Conjugated Triangular Core by Switching Hydrogen Bonding and van der Waals Interactions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17082-17088.	1.5	17
100	One Building Block, Two Different Nanoporous Self-Assembled Monolayers: A Combined STM and Monte Carlo Study. <i>ACS Nano</i> , 2012, 6, 897-903.	7.3	69
101	Synthesis and structure of 1,4,5,8-tetraethynynaphthalene derivatives. <i>Chemical Communications</i> , 2012, 48, 7841.	2.2	12
102	Chemistry of Anthracene-Acetylene Oligomers XX: Synthesis, Structures, and Self-Association of Anthracene-Anthraquinone Cyclic Compounds with Ethynylene Linkers. <i>Chemistry - an Asian Journal</i> , 2012, 7, 935-943.	1.7	6
103	Formation and Control of Porous Two-Dimensional Molecular Self-Assembly at Solid-Liquid Interfaces. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2012, 70, 1255-1266.	0.0	2
104	Direct dendronization of polystyrenes using dendritic diarylcarbenium ion pools. <i>Chemical Communications</i> , 2011, 47, 5575-5577.	2.2	20
105	Molecular pentagonal tiling: self-assemblies of pentagonal-shaped macrocycles at liquid/solid interfaces. <i>CrystEngComm</i> , 2011, 13, 5551.	1.3	28
106	Formation of a non-crystalline bimolecular porous network at a liquid/solid interface. <i>Chemical Communications</i> , 2011, 47, 11459.	2.2	17
107	Novel chiral recognition beyond the limitation due to the law of mass action: highly enantioselective chiral sensing based on non-linear response in phase transition events. <i>Chemical Communications</i> , 2011, 47, 6617.	2.2	5
108	Control and induction of surface-confined homochiral porous molecular networks. <i>Nature Chemistry</i> , 2011, 3, 714-719.	6.6	179

#	ARTICLE	IF	CITATIONS
109	Electrophilic Transannular Cyclization of Octadehydrodibenzo[12]annulene Reexamined: Indication of the Formation of Both <i>anti</i> - and <i>syn</i> -Indenofluorenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 9116-9121.	1.7	22
110	Mixing Behavior of Alkoxyated Dehydrobenzo[12]annulenes at the Solid–Liquid Interface: Scanning Tunneling Microscopy and Monte Carlo Simulations. <i>ACS Nano</i> , 2011, 5, 4145-4157.	7.3	37
111	PtCl <sub>2</sub> -Catalyzed Cyclization of <i>ortho</i> -Diethynylbenzene Derivatives Triggered by Intramolecular Nucleophilic Attack. <i>Synthetic Communications</i> , 2011, 41, 1077-1087.	1.1	12
112	Indeno[2,1- <i>a</i> ]fluorene: An Air–Stable <i>ortho</i> -Quinodimethane Derivative. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6906-6910.	7.2	221
113	Conductance of Single Triangular Dehydrobenzo[12]annulene Derivative Bridged between Au Electrodes. <i>Chemistry Letters</i> , 2010, 39, 788-789.	0.7	16
114	Self-Assembled Monolayers of Alkoxy-Substituted Octadehydrodibenzo[12]annulenes on a Graphite Surface: Attempts at <i>peri</i> -Benzopolyacene Formation by On-Surface Polymerization. <i>Chemistry - A European Journal</i> , 2010, 16, 8319-8328.	1.7	26
115	Synthesis, Structure, and Photophysical Properties of Dibenzo[ <i>de</i> , <i>mn</i> ]naphthacenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7059-7062.	7.2	85
116	3-(2-Aminocarbonylphenyl)propanoic acid analogs as potent and selective EP3 receptor antagonists. Part 3: Synthesis, metabolic stability, and biological evaluation of optically active analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3212-3223.	1.4	6
117	Tetradehydrodinaphtho[10]annulene and its transformation into zethrene: A hitherto unknown dehydroannulene and a forgotten aromatic hydrocarbon. <i>Pure and Applied Chemistry</i> , 2010, 82, 871-878.	0.9	37
118	Towards two-dimensional nanoporous networks: crystal engineering at the solid–liquid interface. <i>CrystEngComm</i> , 2010, 12, 3369.	1.3	41
119	Role of pseudopolymorphism on concentration dependent competitive adsorption at a liquid/solid interface. <i>Chemical Communications</i> , 2010, 46, 9125.	2.2	27
120	Supramolecular surface-confined architectures created by self-assembly of triangular phenylene–ethynylene macrocycles via van der Waals interaction. <i>Chemical Communications</i> , 2010, 46, 8507.	2.2	170
121	Two-Dimensional Crystal Engineering: A Four-Component Architecture at a Liquid–Solid Interface. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7353-7357.	7.2	154
122	Remarkable effect of hydrogen bonding between ring and axle components on deslipping reactions of rotaxanes. <i>Tetrahedron Letters</i> , 2009, 50, 3443-3445.	0.7	5
123	Formation of naphthodithiophene isomers by flash vacuum pyrolysis of 1,6-di(2-thienyl)- and 1,6-di(3-thienyl)-1,5-hexadien-3-yne. <i>Comptes Rendus Chimie</i> , 2009, 12, 378-384.	0.2	10
124	Selective Metallation of 3-Halothiophenes: Practical Methods for the Synthesis of 2-Bromo-3-formylthiophene. <i>Synthetic Communications</i> , 2009, 39, 3315-3323.	1.1	9
125	Remarkable Effects of Chirality on Deslipping Reactions of Diastereomeric Rotaxanes and Relevant Mechanism Involving Pre-Equilibrium. <i>Organic Letters</i> , 2009, 11, 145-147.	2.4	11
126	Tetradehydrodinaphtho[10]annulene: A Hitherto Unknown Dehydroannulene and a Viable Precursor to Stable Zethrene Derivatives. <i>Organic Letters</i> , 2009, 11, 4104-4106.	2.4	89



#	ARTICLE	IF	CITATIONS
127	Formylnitroenamines: useful building blocks for nitrated pyridones and aminopyridines with functional groups. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 325-334.	1.5	18
128	2D Networks of Rhombic-Shaped Fused Dehydrobenzo[12]annulenes: Structural Variations under Concentration Control. <i>Journal of the American Chemical Society</i> , 2009, 131, 17583-17590.	6.6	124
129	An Anthracene-Based Photochromic Macrocycle as a Key Ring Component To Switch a Frequency of Threading Motion. <i>Chemistry - A European Journal</i> , 2008, 14, 981-986.	1.7	53
130	A Shuttling Molecular Machine with Reversible Brake Function. <i>Chemistry - A European Journal</i> , 2008, 14, 3427-3433.	1.7	75
131	Highly Effective and Reversible Control of the Rocking Rates of Rotaxanes by Changes to the Size of Stimulus-Responsive Ring Components. <i>Chemistry - A European Journal</i> , 2008, 14, 5803-5811.	1.7	28
132	One Building Block, Two Different Supramolecular Surface-Confined Patterns: Concentration in Control at the Solid-Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2964-2968.	7.2	273
133	Solvophobic driven self-association of a butadiyne-bridged pyridine macrocycle. <i>Tetrahedron</i> , 2008, 64, 11490-11494.	1.0	14
134	Giant molecular spoked wheels in giant voids: two-dimensional molecular self-assembly goes big. <i>Chemical Communications</i> , 2008, , 3897.	2.2	55
135	Programmable Hierarchical Three-Component 2D Assembly at a Liquid-Solid Interface: Recognition, Selection, and Transformation. <i>Nano Letters</i> , 2008, 8, 2541-2546.	4.5	155
136	Donors and Acceptors Based on Triangular Dehydrobenzo[12]annulenes: Formation of a Triple-Layered Rosette Structure by a Charge-Transfer Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 14339-14345.	6.6	91
137	Site-Selective Guest Inclusion in Molecular Networks of Butadiyne-Bridged Pyridino and Benzeno Square Macrocycles on a Surface. <i>Journal of the American Chemical Society</i> , 2008, 130, 6666-6667.	6.6	66
138	Molecular Clusters in Two-Dimensional Surface-Confined Nanoporous Molecular Networks: Structure, Rigidity, and Dynamics. <i>Journal of the American Chemical Society</i> , 2008, 130, 7119-7129.	6.6	149
139	Syntheses and Photophysical Properties of Boomerang-shaped Bis(dehydrobenzo[12]annulene) and Trapezoid-shaped Tris(dehydrobenzo[12]annulene). <i>Chemistry Letters</i> , 2007, 36, 838-839.	0.7	21
140	Control of Rocking Mobility of Rotaxanes by Size Change of Stimulus-responsive Ring Components. <i>Chemistry Letters</i> , 2007, 36, 810-811.	0.7	11
141	Nucleophilic Substitution Accompanying Carbon-Carbon Bond Cleavage Assisted by a Nitro Group. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2413-2417.	2.0	20
142	Synthesis of Dehydrobenzo[18]annulene Derivatives and Formation of Self-Assembled Monolayers: Implications of Core Size on Alkyl Chain Interdigitation. <i>Langmuir</i> , 2007, 23, 10190-10197.	1.6	81
143	Supramolecular Method for the Determination of Absolute Configuration of Chiral Compounds: A Theoretical Derivatization and a Demonstration for a Phenolic Crown Ether-2-Amino-1-ethanol System. <i>Analytical Chemistry</i> , 2007, 79, 6295-6302.	3.2	19
144	Highly Selective and High-Yielding Rotaxane Synthesis via Aminolysis of Prerotaxanes Consisting of a Ring Component and a Stopper Unit. <i>Organic Letters</i> , 2007, 9, 2969-2972.	2.4	39

#	ARTICLE	IF	CITATIONS
145	Structural Transformation of a Two-Dimensional Molecular Network in Response to Selective Guest Inclusion. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2831-2834.	7.2	182
146	Synthesis and Anion-Selective Complexation of Homobenzyllic Tripodal Thiourea Derivatives. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 607-615.	1.2	42
147	Two-Photon Absorption Properties of Dehydrobenzo[12]annulenes and Hexakis(phenylethynyl)benzenes: Effect of Edge-Linkage. <i>ChemPhysChem</i> , 2007, 8, 2671-2677.	1.0	33
148	Resonance Raman spectra of polyyne molecules C <sub>10</sub> H <sub>2</sub> and C <sub>12</sub> H <sub>2</sub> in solution. <i>Chemical Physics Letters</i> , 2007, 433, 296-300.	1.2	48
149	Theoretical Studies on Graphyne Substructures: Geometry, Aromaticity, and Electronic Properties of the Multiply Fused Dehydrobenzo[12]annulenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 1437-1442.	1.7	62
150	Two-Dimensional Porous Molecular Networks of Dehydrobenzo[12]annulene Derivatives via Alkyl Chain Interdigitation. <i>Journal of the American Chemical Society</i> , 2006, 128, 16613-16625.	6.6	343
151	Molecular Loops and Belts. <i>Chemical Reviews</i> , 2006, 106, 5274-5290.	23.0	339
152	Synthesis and Properties of Trefoil-Shaped Tris(hexadehydrotribenzo[12]annulene) and Tris(tetradehydrotribenzo[12]annulene). <i>Organic Letters</i> , 2006, 8, 2933-2936.	2.4	110
153	Molecular Geometry Directed Kagomé and Honeycomb Networks: Toward Two-Dimensional Crystal Engineering. <i>Journal of the American Chemical Society</i> , 2006, 128, 3502-3503.	6.6	143
154	A Clue to Elusive Macrocycles: Unusually Facile, Spontaneous Polymerization of a Hexagonal Diethynylbenzene Macrocyclic. <i>Journal of Organic Chemistry</i> , 2006, 71, 401-404.	1.7	22
155	Novel Synthesis of Bridged Phenylthienylethenes and Dithienylethenes via Pd-Catalyzed Double-Cyclization Reactions of Diarylhexadienynes. <i>Organic Letters</i> , 2006, 8, 1197-1200.	2.4	37
156	Synthesis and Characterization of Cyclopentadienone-annelated Hexadehydrodibenzo[12]annulene. <i>Chemistry Letters</i> , 2006, 35, 168-169.	0.7	6
157	Preparation and evaluation of a chiral stationary phase covalently bound with a chiral pseudo-18-crown-6 ether having a phenolic hydroxy group for enantiomer separation of amino compounds. <i>Journal of Chromatography A</i> , 2006, 1129, 201-207.	1.8	32
158	Asymmetric [2+2] photocycloaddition of cycloalkenone-cyclodextrin complexes to ethylene. <i>Chirality</i> , 2006, 18, 217-221.	1.3	13
159	Strained Dehydrobenzoannulenes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 833-847.	1.2	66
160	Cyclophynes. , 2005, , 1-40.		16
161	Approaches to Size-selective Formation of Fullerenes by Cyclization of Highly Reactive Polyyne Chains. <i>Chemistry Letters</i> , 2005, 34, 1574-1579.	0.7	7
162	Preparation and evaluation of a chiral stationary phase covalently bound with chiral pseudo-18-crown-6 ether having 1-phenyl-1,2-cyclohexanediol as a chiral unit. <i>Journal of Chromatography A</i> , 2005, 1078, 35-41.	1.8	33

#	ARTICLE	IF	CITATIONS
163	Carbon-Rich Compounds: Acetylene-Based Carbon Allotropes. , 2005, , 387-426.		12
164	Chiral stationary phase covalently bound with a chiral pseudo-18-crown-6 ether for enantiomer separation of amino compounds using a normal mobile phase. Chirality, 2005, 17, 142-148.	1.3	49
165	Size-Selective Formation of C78 Fullerene from a Three-Dimensional Polyene Precursor. Chemistry - A European Journal, 2005, 11, 1603-1609.	1.7	19
166	Convenient Synthesis and Photophysical Properties of Tetrabenzopentakisdehydro[12]annuleno[12]annulene.. ChemInform, 2005, 36, no.	0.1	0
167	Gas-Phase Generation of Highly Reactive Hexatriyne-Bridged [6n]Paracyclophynes. Journal of Organic Chemistry, 2005, 70, 6133-6136.	1.7	11
168	Generation and Characterization of Highly Strained Dibenzotetrakisdehydro[12]- and Dibenzopentakisdehydro[14]annulenes. Journal of Organic Chemistry, 2005, 70, 1853-1864.	1.7	21
169	Remarkable Effect of Subtle Structural Change of Chiral Pseudo-18-Crown-6 on Enantiomer-Selectivity in Complexation with Chiral Amino Alcohols. Heterocycles, 2005, 66, 405.	0.4	10
170	Cyclic Polyynes. , 2005, , 99-126.		0
171	Chiral recognition in NMR spectroscopy using crown ethers and their ytterbium(III) complexes. Analytical and Bioanalytical Chemistry, 2004, 378, 1536-1547.	1.9	25
172	Efficient Synthesis of Biindenylidene Derivatives via a Domino-Heck-Type Double Cyclization of Diaryldienynes.. ChemInform, 2004, 35, no.	0.1	0
173	Expanded Radialenes with Bicyclo[4.3.1]decatriene Units: New Precursors to Cyclo[n]carbons.. ChemInform, 2004, 35, no.	0.1	0
174	Convenient Synthesis and Photophysical Properties of Tetrabenzopentakisdehydro[12]annuleno[12]annulene. Chemistry Letters, 2004, 33, 972-973.	0.7	38
175	Formation and Characterization of Highly Strained Dibenzopentakisdehydro[14]annulene and Theoretical Study on Its Aromaticity. Chemistry Letters, 2004, 33, 620-621.	0.7	12
176	Depression of the Apparent Chiral Recognition Ability Obtained in the Host-Guest Complexation Systems by Electrospray and Nano-Electrospray Ionization Mass Spectrometry. European Journal of Mass Spectrometry, 2004, 10, 27-37.	0.5	25
177	Properties of dendritic and cyclic thiourea derivatives as neutral carriers for anion sensors. Bunseki Kagaku, 2004, 53, 943-952.	0.1	2
178	Expanded Radialenes with Bicyclo[4.3.1]decatriene Units: New Precursors to Cyclo[n]carbons. Chemistry - A European Journal, 2003, 9, 5549-5559.	1.7	47
179	Preparation and evaluation of novel chiral stationary phases covalently bound with chiral pseudo-18-crown-6 ethers. Tetrahedron Letters, 2003, 44, 1549-1551.	0.7	31
180	Preparation of phenolic chiral crown ethers and podands and their enantiomer recognition ability toward secondary amines. Tetrahedron: Asymmetry, 2003, 14, 555-566.	1.8	28

#	ARTICLE	IF	CITATIONS
181	Facile Intramolecular Cyclization in Oxidative Coupling of Acetylenes Linked to 1,3-Positions of Benzene: A Strained [12]Metacyclophanedienetetrayne System. <i>Journal of Organic Chemistry</i> , 2003, 68, 3330-3332.	1.7	24
182	Generation and Characterization of Highly Strained Dibenzotetrakisdehydro[12]annulene. <i>Journal of the American Chemical Society</i> , 2003, 125, 5614-5615.	6.6	29
183	Efficient Synthesis of Biindenylidene Derivatives via a Domino-Heck-Type Double Cyclization of Diaryldienynes. <i>Organic Letters</i> , 2003, 5, 3411-3414.	2.4	42
184	Synthesis and Facile Rearrangement of 10,10-Dicarbonyl-substituted [4.3.1]Propellane Derivatives. <i>Chemistry Letters</i> , 2003, 32, 398-399.	0.7	3
185	m-Diethynylbenzene Macrocycles: A Syntheses and Self-Association Behavior in Solution. <i>Journal of the American Chemical Society</i> , 2002, 124, 5350-5364.	6.6	225
186	Flash vacuum pyrolysis of 1,6-diphenyl-1,5-hexadien-3-yne: tandem diaryldienyne cyclizations to form chrysene. <i>Tetrahedron Letters</i> , 2002, 43, 5269-5272.	0.7	13
187	Chiral recognition of secondary amines by using chiral crown ether and podand. <i>Tetrahedron Letters</i> , 2002, 43, 8539-8542.	0.7	27
188	Synthesis of Differentially Substituted Hexaethynylbenzenes Based on Tandem Sonogashira and Negishi Cross-Coupling Reactions. <i>Organic Letters</i> , 2001, 3, 2419-2421.	2.4	119
189	Synthesis of butadiyne-bridged [4n] metacyclophanes having exo-annular t-butyl groups. <i>Tetrahedron</i> , 2001, 57, 8075-8083.	1.0	51
190	Vinylidene to alkyne rearrangement to form polyynes: synthesis and photolysis of dialkynylmethylenebicyclo[4.3.1]deca-1,3,5-triene derivatives. <i>Tetrahedron Letters</i> , 2001, 42, 5485-5488.	0.7	28
191	[12.12]Paracyclophanedodecaynes C <sub>36</sub> H <sub>8</sub> and C <sub>36</sub> Cl <sub>8</sub> : The Smallest Paracyclophynes and Their Transformation into the Carbon Cluster Ion C <sub>36</sub> <sup>+</sup> This work was supported in part by Grants-in-Aid for Scientific Research from the Ministry of Education, Science, Sports and Culture of Japan. Y.T. is grateful to Shin-Etsu Chemical Co. for the generous gift of an organosilicon reagent.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4072.	7.2	33
192	Polyne cyclization to form carbon cages: [16.16.16](1,3,5)cyclophanetetracosayne derivatives C <sub>60</sub> H <sub>6</sub> and C <sub>60</sub> Cl <sub>6</sub> as precursors to C <sub>60</sub> fullerene. <i>Tetrahedron</i> , 2001, 57, 3629-3636.	1.0	53
193	[12.12]Paracyclophanedodecaynes C(36)H(8) and C(36)Cl(8): The Smallest Paracyclophynes and Their Transformation into the Carbon Cluster Ion C(36)(-) This work was supported in part by Grants-in-Aid for Scientific Research from the Ministry of Education, Science, Sports and Culture of Japan. Y.T. is grateful to Shin-Etsu Chemical Co. for the generous gift of an organosilicon reagent.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4072-4074.	7.2	0
194	Improvement of enantioselectivity in kinetic resolution of a primary alcohol through lipase-catalyzed transesterification by using a chiral acyl donor. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1199-1210.	1.8	26
195	Enantioselective complexation of phenolic crown ethers with chiral aminoethanol derivatives: effects of substituents of aromatic rings of hosts and guests on complexation. <i>Perkin Transactions II</i> , RSC, 2000, , 1984-1993.	1.1	36
196	Synthesis and Anion-Selective Complexation of Cyclophane-Based Cyclic Thioureas. <i>Journal of Organic Chemistry</i> , 2000, 65, 275-283.	1.7	121
197	Synthesis and Association Behavior of Butadiyne-Bridged [44](2,6)Pyridinophane and [46](2,6)Pyridinophane Derivatives. <i>Organic Letters</i> , 2000, 2, 3265-3268.	2.4	94
198	[2 + 2] Cycloreversion of [4.3.2]Propella-1,3,11-trienes: A Approach to Cyclo[n]carbons from Propellane-Annulated Dehydro[n]annulenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 1762-1775.	6.6	67

#	ARTICLE	IF	CITATIONS
199	Chiral Recognition Ability of Crown Ethers toward Organic Amine Compounds: FAB Mass Spectrometry Coupled with the Enantiomer-Labelled Guest Method.. Journal of the Mass Spectrometry Society of Japan, 2000, 48, 323-332.	0.0	9
200	Polyethynylated cyclic $\pi$ -systems: scaffoldings for novel two and three-dimensional carbon networks. Chemical Society Reviews, 1999, 28, 107-119.	18.7	394
201	All-carbon molecules from small-ring propellanes. Advances in Strained and Interesting Organic Molecules, 1999, , 153-184.	1.2	8
202	Synthesis and Association Behavior of [4.4.4.4.4]Metacyclophanedodecayne Derivatives with Interior Binding Groups. Angewandte Chemie - International Edition, 1998, 37, 1285-1287.	7.2	106
203	Preparation and temperature-dependent enantioselectivities of homochiral phenolic crown ethers having aryl chiral barriers: thermodynamic parameters for enantioselective complexation with chiral amines. Tetrahedron: Asymmetry, 1998, 9, 563-574.	1.8	40
204	[16.16.16](1,3,5)Cyclophanetetracosayne (C <sub>60</sub> H <sub>6</sub> ): A Precursor to C <sub>60</sub> Fullerene. Journal of the American Chemical Society, 1998, 120, 4544-4545.	6.6	88
205	Novel Self-Assembly of m-Xylylene Type Dithiouras by Head-to-Tail Hydrogen Bonding. Journal of Organic Chemistry, 1998, 63, 7481-7489.	1.7	27
206	Synthesis and Anion Binding Ability of Metacyclophane-Based Cyclic Thiouras. Chemistry Letters, 1998, 27, 835-836.	0.7	17
207	Temperature Dependence of Enantioselectivity in Complexations of Optically Active Phenolic Crown Ethers with Chiral Amines in Solution.. Analytical Sciences, 1998, 14, 175-182.	0.8	21
208	Photoelectron spectroscopy of C <sub>n</sub> <sup>+</sup> produced from laser ablated dehydroannulene derivatives having carbon ring size of n=12, 16, 18, 20, and 24. Journal of Chemical Physics, 1997, 107, 4783-4787.	1.2	43
209	ACID DISSOCIATION BEHAVIOR OF 2, 3- AND 2, 3, 9,10-METHYL- OR CYCLOHEXYL-SUBSTITUTED CYCLAMS, COMPLEXES INTERACTION EFFECT ON THE LIGAND-FIELD. Journal of Coordination Chemistry, 1997, 42, 143-155.	0.8	4
210	Synthesis and Structure of [6](1,4)Naphthalenophane and [6](1,4)Anthracenophane and Their Peri-Substituted Derivatives. Bulletin of the Chemical Society of Japan, 1997, 70, 1935-1942.	2.0	13
211	Preparation of optically active azophenolic crown ethers containing 1-phenylethane-1,2-diol and 2,4-dimethyl-3-oxapentane-1,5-diol as a chiral subunit: temperature-dependent enantiomer selectivity in the complexation with chiral amines. Journal of the Chemical Society Perkin Transactions 1, 1997, , 3227-3236.	0.9	19
212	Temperature dependent inversion of enantiomer selectivity in the complexation of optically active azophenolic crown ethers containing alkyl substituents as chiral barriers with chiral amines. Journal of the Chemical Society Perkin Transactions II, 1997, , 1649-1658.	0.9	13
213	Diels-Alder Reactions of Tetraethynylcyclopentadienones. An Approach to Differentially Substituted Hexaethynylbenzenes of C <sub>2v</sub> Symmetry. Journal of Organic Chemistry, 1997, 62, 3430-3431.	1.7	48
214	Preparation of homochiral azophenolic crown ethers containing 1-phenylethane-1,2-diol and 2,4-dimethyl-3-oxapentane-1,5-diol as a chiral subunit: Enantiomer recognition behaviour towards chiral 2-aminoethanol derivatives. Tetrahedron: Asymmetry, 1997, 8, 19-22.	1.8	17
215	Preparation of homochiral phenolic crown ethers containing para-substituted phenol moiety and chiral subunits derived from (S)-1-phenylethane-1,2-diol: their chiral recognition behaviour in complexation with neutral amines. Tetrahedron: Asymmetry, 1997, 8, 873-882.	1.8	24
216	Preparation of homochiral phenolic crown ether having chiral subunits derived from (1R,2S)-cis-1,2,3,4-tetrahydronaphthalene-1,2-diol: temperature-dependent enantioselectivity in complexations with neutral amines. Tetrahedron: Asymmetry, 1997, 8, 2585-2595.	1.8	27

#	ARTICLE	IF	CITATIONS
217	Homochiral ligands derived from cis-1-phenylcyclohexane-1,2-diol and cis-2-azido-2-phenylcyclohexanol. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3735-3744.	1.8	6
218	Novel self-assembly of m-xylene type dithioureas. <i>Tetrahedron Letters</i> , 1997, 38, 4791-4794.	0.7	15
219	Synthesis and Unusual Properties of Highly Strained Anthracenophanes.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1997, 55, 610-618.	0.0	2
220	A New Entry into Cyclo[n]carbons: A [2 + 2] Cycloreversion of Propellane-Annulated Dehydroannulenes. <i>Journal of the American Chemical Society</i> , 1996, 118, 2758-2759.	6.6	56
221	Synthesis, Characterization, and Molecular Structure of [6](9,10)Anthracenophane and Its Peri-Substituted Derivatives: The Smallest 9,10-Bridged Anthracenes. <i>Journal of the American Chemical Society</i> , 1996, 118, 9488-9497.	6.6	19
222	Temperature dependent reversal of enantiomer selectivity in the complexation of optically active phenolic crown ethers with chiral amines. <i>Chemical Communications</i> , 1996, , 2749.	2.2	16
223	Preparation and enantiomer recognition behaviour of azophenolic crown ethers containing cis-1-phenylcyclohexane-1,2-diol as the chiral subunit and 2,4-dinitrophenylazophenol as the chromophore. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 383.	0.9	14
224	Enantioselective acylation of alcohols catalyzed by lipase QL from <i>Alcaligenes</i> sp.: A predictive active site model for lipase QL to identify the faster reacting enantiomer of an alcohol in this acylation. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1581-1584.	1.8	39
225	Thermal [2 + 2] cycloaddition of (z)-[6]paracycloph-3-ene with tetracyanoethylene. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 1-6.	0.9	4
226	Generation of Cyclocarbons with 4n Carbon Atoms(C12, C16, and C20) by [2+ 2] Cycloreversion of Propellane-Annulated Dehydroannulenes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1800-1802.	4.4	57
227	Enantioselective acylation of primary and secondary alcohols catalyzed by lipase QL from <i>Alcaligenes</i> sp.: A predictive active site model for lipase QL to identify which enantiomer of an alcohol reacts faster in this acylation. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 3285-3294.	1.8	80
228	Synthesis and self-association properties of diethynylbenzene macrocycles. <i>Tetrahedron Letters</i> , 1996, 37, 9325-9328.	0.7	55
229	Synthesis and Lithium Ion-Selectivity of 2-Phenylcyclohexano-and 2,3-Diphenylcyclohexano-14-crown-4 Derivatives. <i>Chemistry Letters</i> , 1995, 24, 831-832.	0.7	3
230	Preparation and enantiomer recognition of chiral azophenolic crown ethers having three chiral barriers on each of the homotopic faces. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1873-1876.	1.8	19
231	Lipase-catalyzed enantioselective acylation of alcohols: a predictive active site model for lipase YS to identify which enantiomer of an alcohol reacts faster in this acylation. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2385-2394.	1.8	80
232	A new entry to [6](1,4)naphthalenophane and [6](1,4)anthracenophane: Synthesis of peri-substituted derivatives. <i>Tetrahedron Letters</i> , 1995, 36, 939-942.	0.7	11
233	Total Synthesis of (+-)-Tetramethylmediterraneol B. <i>Journal of Organic Chemistry</i> , 1995, 60, 3318-3333.	1.7	25
234	Skeletal Rearrangement of 8-Methylenebicyclo[4.2.0]octan-2-ones with Mercury(II) Perchlorate. <i>Journal of Organic Chemistry</i> , 1995, 60, 6557-6562.	1.7	9

#	ARTICLE	IF	CITATIONS
235	Preparation and enantiomer recognition behaviour of azophenolic crown ethers containing cis-cyclohexane-1,2-diol as the chiral centre. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 213.	0.9	20
236	Synthesis of azophenolic crown ethers of C <sub>s</sub> symmetry incorporating cis-1-phenylcyclohexane-1,2-diol residues as a steric barrier and diastereotopic face selectivity in complexation of amines by their diastereotopic faces. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1429.	0.9	9
237	Strained [n]cyclophanes. , 1994, , 1-40.		42
238	Preparation of homochiral crown ether containing (S)-1-(1-adamantyl)ethane-1,2-diol as a chiral subunit and its enantioselective complexation with an organic ammonium cation. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1549-1558.	1.8	19
239	Lipase YS-catalysed acylation of alcohols: a predictive active site model for lipase YS to identify which enantiomer of a primary or a secondary alcohol reacts faster in this acylation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1253.	0.9	43
240	The synthesis of azophenolic crown ethers of C <sub>s</sub> symmetry incorporating cis-1-phenylcyclohexane-1,2-diol residues and diastereotopic face selectivity in complexation of ethanolamine by their diastereotopic faces. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 711.	2.0	5
241	Chiral recognition in molecular complexation for the crown ether-amine ester system. A facile FAB mass spectrometric approach. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2497-2498.	2.0	24
242	Photochemical Method for Generation of Linear Polyynes: [2 + 2] Cycloreversion of [4.3.2]Propellatrienes Extruding Indan. <i>Journal of Organic Chemistry</i> , 1994, 59, 1236-1237.	1.7	32
243	Synthesis and Characterization of [6](9,10)Anthracenophane. <i>Journal of Organic Chemistry</i> , 1994, 59, 5516-5517.	1.7	10
244	Regioselective metalation of [6]paracyclophane with a superbases. <i>Tetrahedron Letters</i> , 1993, 34, 4969-4970.	0.7	9
245	Enzyme-catalyzed asymmetric acylation and hydrolysis of cis-2,5-disubstituted tetrahydrofuran derivatives: Contribution to development of models for reactions catalyzed by porcine liver esterase and porcine pancreatic lipase. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 911-918.	1.8	33
246	Preparation and enantiomer recognition behaviour of crown ethers containing cis-1-phenylcyclohexane-1,2-diol and trans-1,2-diphenylcyclohexane-1,2-diol as a chiral subunit. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1073.	0.9	11
247	Synthesis and molecular structure of 1,4,5,8-tetramethyl[6](9,10)anthracenophane: the smallest 9,10-bridged anthracene. <i>Journal of the American Chemical Society</i> , 1993, 115, 11604-11605.	6.6	17
248	Azophenolic acerands having chiral 1-phenyl-cis-1,2-cyclohexanediol units: a correlation between enantiorecognitive coloration and host-guest complementarity. <i>Journal of the American Chemical Society</i> , 1993, 115, 8475-8476.	6.6	33
249	Highly Selective Lithium Ion Electrode Based on Decalino-14-Crown-4. <i>Analytical Letters</i> , 1993, 26, 49-54.	1.0	14
250	Unusual reactivity of bent acenes: reactions of [6](1,4)naphthalenophane and [6](1,4)anthracenophane with electrophiles. <i>Journal of the American Chemical Society</i> , 1992, 114, 3479-3491.	6.6	32
251	Photochemical [2+2] dimerization of [6](1,4)-anthracenophane. <i>Journal of the American Chemical Society</i> , 1991, 113, 5804-5808.	6.6	9
252	Photochemical Lumiketone-Type Rearrangement of 3-Methoxyphenol Promoted by AlBr <sub>3</sub> . <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 3468-3470.	2.0	5

#	ARTICLE	IF	CITATIONS
253	Unusual reactions of [6](1,4)naphthalenophane and [6](1,4)anthracenophane with dienophiles. <i>Tetrahedron Letters</i> , 1991, 32, 359-362.	0.7	7
254	Synthesis of cis-transoid-cis- and cis-cisoid-cis-Tetracyclo[6.6.0.0.1,11.0.3,7]tetradecan-12-ones via Novel Rearrangement. <i>Bulletin of the Chemical Society of Japan</i> , 1990, 63, 3039-3041.	2.0	2
255	A Short Synthesis of (±)-3-Oxosilphenene. <i>Chemistry Letters</i> , 1990, 19, 149-150.	0.7	9
256	Thermal Valence Isomerization of Hemi-Dewar Type Isomers of [6](1,4)Naphthaleno- and [6](1,4)Anthracenophanes. <i>Chemistry Letters</i> , 1990, 19, 1587-1590.	0.7	2
257	Bent acenes. Synthesis and molecular structure of [6](1,4)naphthalenophane and [6](1,4)anthracenophane. <i>Journal of the American Chemical Society</i> , 1990, 112, 8889-8894.	6.6	46
258	NMR studies of bond order in distorted aromatic systems. <i>Journal of the American Chemical Society</i> , 1990, 112, 7537-7540.	6.6	23
259	Novel photocycloaddition of 2-naphthols to ethylene in the presence of Lewis acid. <i>Tetrahedron Letters</i> , 1989, 30, 6193-6194.	0.7	12
260	Novel rearrangement of 5,6-disubstituted bicyclo[4.2.0]octan-2-ones with aluminum chloride. Application to total synthesis of (.+.)-5-oxosilphiperfol-6-ene and (.+.)-silphiperfol-6-ene. <i>Journal of the American Chemical Society</i> , 1989, 111, 3707-3712.	6.6	48
261	Synthesis of Tricarbonyl (η <sup>6</sup> -[6]paracyclophane)chromium. Smallest-Bridged Paracyclophane-Metal Complex. <i>Chemistry Letters</i> , 1989, 18, 1549-1550.	0.7	4
262	Decalino-14-crown-4. New Type of Lithium Ion Selective Ionophore. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 4164-4166.	2.0	15
263	Antiproliferating polyquinanes. V Di- and triquinanes involving .ALPHA.-methylene or .ALPHA.-alkylidene cyclopentanone, cyclopentanone, and .GAMMA.-lactone systems.. <i>Chemical and Pharmaceutical Bulletin</i> , 1987, 35, 617-631.	0.6	17
264	Synthesis and molecular structure of (Z)-[6]Paracycloph-3-enes. <i>Journal of the American Chemical Society</i> , 1987, 109, 1136-1144.	6.6	35
265	Synthesis, conformation, and structure of 8,11-bis(methoxycarbonyl)[6]paracyclophane. <i>Journal of Organic Chemistry</i> , 1987, 52, 2639-2644.	1.7	27
266	Complexation between novel cyclophane host and polar guest by hydrogen bonding. <i>Tetrahedron Letters</i> , 1987, 28, 3825-3826.	0.7	21
267	Unusual rearrangement of tricyclo[6.3.0.0.1,4]undecan-5-one. <i>Tetrahedron Letters</i> , 1987, 28, 3979-3980.	0.7	9
268	Thermal [2+2] cycloaddition of benzene derivative. Cycloaddition of (Z)-[6]paracycloph-3-ene with tetracyanoethylene. <i>Tetrahedron Letters</i> , 1987, 28, 2861-2862.	0.7	9
269	TRIDECALINO-18-CROWN-6. SYNTHESIS OF CYLINDRICAL CROWN ETHER. <i>Chemistry Letters</i> , 1986, 15, 455-458.	0.7	6
270	AN ALTERNATIVE SYNTHESIS OF (±)-DESCARBOXYQUADRONE. <i>Chemistry Letters</i> , 1986, 15, 507-510.	0.7	7



#	ARTICLE	IF	CITATIONS
271	DIDECALINO-14-CROWN-4. HIGHLY LITHIUM ION SELECTIVE EXTRACTANT. Chemistry Letters, 1986, 15, 713-714.	0.7	15
272	Synthesis, structure and reactivities of [6]paracyclophanes. Tetrahedron, 1986, 42, 1851-1858.	1.0	59
273	Synthesis of large ring proton cryptate tridecalino [2.2.2] cryptand $\Delta^5$ hI. Tetrahedron Letters, 1986, 27, 2465-2466.	0.7	4
274	Cyclobutyl-cyclopropylcarbinyl type rearrangement of 1-oxaspirohexane derivatives. A new entry to functionalized norcaranes. Tetrahedron Letters, 1986, 27, 2905-2906.	0.7	8
275	CHELATION-CONTROLLED REGIOSELECTIVE EPOXIDE-CARBONYL REARRANGEMENT OF 1-OXASPIROHEXANE DERIVATIVES. Chemistry Letters, 1985, 14, 1437-1440.	0.7	18
276	SYNTHESIS OF TRICYCLO[5.3.2.01,6]DODECENONES. Chemistry Letters, 1985, 14, 305-306.	0.7	1
277	Synthesis of cis-transoid-cis-and cis-cisoid-cis-Tricyclo[6.3.0.02,6]undecan-1-ols. Bulletin of the Chemical Society of Japan, 1985, 58, 1613-1614.	2.0	12
278	SYNTHESIS OF 2-METHYLENETRICYCLO[4.3.2.01,5]UNDECAN-3-ONES INVOLVING A SPIRO CYCLOPROPANE RING. Chemistry Letters, 1985, 14, 1565-1568.	0.7	7
279	Stereocontrolled total synthesis of ( $\Delta^{\pm}$ )-isocomene and ( $\Delta^{\pm}$ )- $\beta^2$ -isocomene via ring enlargement. Journal of the Chemical Society Chemical Communications, 1985, , 898-899.	2.0	33
280	[5]Paracyclophane. Journal of the American Chemical Society, 1985, 107, 3716-3717.	6.6	99
281	Acid-catalyzed rearrangement of [m.3.2]propellanols. Journal of Organic Chemistry, 1985, 50, 488-493.	1.7	20
282	A novel synthesis of ( $\Delta^{\pm}$ )-descarboxyquadronene. Tetrahedron Letters, 1984, 25, 557-560.	0.7	20
283	A new strategy for construction of angularly fused tricyclic ring systems. Transannular bond formation of bicyclic enones via photochemical intramolecular hydrogen abstraction. Tetrahedron Letters, 1984, 25, 3895-3896.	0.7	25
284	Chelation-controlled regioselective epoxide $\leftrightarrow$ carbonyl rearrangement: a ring enlargement route to ( $\Delta^{\pm}$ )-modhephene. Journal of the Chemical Society Chemical Communications, 1984, .	2.0	27
285	The baeyer-villiger oxidation via carboration, oxidation of 7-acetyl[4.2.1]- and 7-acetyl[4.2.2]propellanes. Tetrahedron Letters, 1983, 24, 3639-3642.	0.7	4
286	Synthesis and structure of 8-carboxy[6]paracyclophane. Journal of the American Chemical Society, 1983, 105, 1376-1377.	6.6	60
287	A NEW EFFICIENT SYNTHESIS AND REARRANGEMENTS OF [6]PARACYCLOPHANE. Chemistry Letters, 1983, 12, 1645-1646.	0.7	12
288	Synthesis of dibenzo[4.4.2.2]buttaflanes. Journal of the Chemical Society Chemical Communications, 1982, , 82.	2.0	5

#	ARTICLE	IF	CITATIONS
289	Novel acid-catalysed rearrangement of [4.3.2]- and [5.3.2]-propellanones. Journal of the Chemical Society Chemical Communications, 1982, , 6.	2.0	8
290	Synthesis of bicyclo[6.2.2] bridgehead dienes. Tetrahedron Letters, 1982, 23, 537-538.	0.7	12
291	Synthesis and reactions of 5,6,11,12-tetrahydro-5,12;6,11-diethenodibenzo-[ $\pm$ ,e]cyclo-octene (ppâ€²-dinaphthalene). Journal of the Chemical Society Chemical Communications, 1981, , 786-787.	2.0	6
292	Synthesis and Properties of Bridgehead-substituted Bicyclo[n.2.2] Bridgehead Alkenes. Bulletin of the Chemical Society of Japan, 1981, 54, 1474-1480.	2.0	16
293	Synthesis of Propellanes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1981, 39, 1163-1171.	0.0	3
294	BICYCLO[n.2.2]BRIDGEHEAD ALKENES, SYNTHESIS AND ELECTROPHILIC ADDITION OF ACETIC ACID. Chemistry Letters, 1980, 9, 691-692.	0.7	2
295	Solvolysis of bridgehead chlorides with strained bridgehead double bond.. Tetrahedron Letters, 1980, 21, 5025-5026.	0.7	2
296	Oxidative decarboxylation of [n.2.2]propellane carboxylic acids with lead tetraacetate. rearrangement approach to bicyclo [n.2.2.]bridgehead alkenes.. Tetrahedron Letters, 1979, 20, 3855-3856.	0.7	6
297	Chromic acid oxidation of [n.3.2]propellanols. Journal of Organic Chemistry, 1979, 44, 639-640.	1.7	7
298	Stereoselectivity in Hydride Reduction of [n.3.2]Propellanones. Bulletin of the Chemical Society of Japan, 1979, 52, 639-640.	2.0	7
299	Stereoselectivity in photocycloaddition of bicyclic enones to olefins. Journal of Organic Chemistry, 1978, 43, 4334-4337.	1.7	8
300	EFFECT OF ALKYL SUBSTITUENTS ON CYCLOBUTYL-CYCLOPROPYLCARBINYL TYPE REARRANGEMENT OF 2-OXABICYCLO[4.2.0]OCTAN-3-ONES. Chemistry Letters, 1978, 7, 1027-1028.	0.7	4
301	Photocycloaddition of bicyclic cyclopentenones with cyclohexene. Journal of Organic Chemistry, 1977, 42, 2523-2524.	1.7	7