

Masahiko Iyoda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Resonant Electron Tunneling Induces Isomerization of α -Expanded Oligothiophene Macrocycles in a 2D Crystal. <i>Advanced Science</i> , 2022, , 2200557.	11.2	1
2	Reduction of Ethynylenes to Vinylenes in a Macrocyclic α -Extended Thiophene Skeleton Under McMurry Coupling Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 302-309.	3.2	8
3	Synthesis, Structure, and α -Donor Properties of Tris(ethylenedioxy)benzene and Bis(ethylenedioxy)thiophene. <i>Heterocycles</i> , 2021, 103, 778.	0.7	1
4	α -Extended Macrocyclic Oligothiophene Heptamer and Tetradecamer: Ringsize Effects on the Physical Properties and Morphological Features. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2149-2154.	3.2	1
5	Self-Assembly of Radially α -Extended Tetrathiafulvalene Tetramers for Visible and Near Infrared Electrochromic Nanofiber. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 154-162.	3.2	4
6	Reversible Color and Shape Changes of Nanostructured Fibers of a Macrocyclic α -Extended Thiophene Hexamer Promoted by Adsorption and Desorption of Organic Vapor. <i>Journal of the American Chemical Society</i> , 2020, 142, 13662-13666.	13.7	9
7	Trapping a pentagonal molecule in a self-assembled molecular network: an alkoxyated isosceles triangular molecule does the job. <i>Chemical Communications</i> , 2020, 56, 5401-5404.	4.1	8
8	Preparation, Spectroscopic Characterization and Theoretical Study of a Three-Dimensional Conjugated 70 α -Electron Thiophene 6-mer Radical Cation α -Dimer. <i>Journal of the American Chemical Society</i> , 2020, 142, 5933-5937.	13.7	15
9	Small Structural Changes in the Alkyl Substituents of Macrocyclic α -Extended Thiophene Oligomers Causes a Key Effect on Their Stacking and Functional Properties. <i>ChemPlusChem</i> , 2019, 84, 694-703.	2.8	5
10	10-Mesityl-1,8-diphenylanthracene Dimer: Synthesis, Structure, and Properties. <i>Journal of Organic Chemistry</i> , 2018, 83, 3857-3863.	3.2	3
11	A Saturn-Like Complex Composed of Macrocyclic Oligothiophene and C ₆₀ Fullerene: Structure, Stability, and Photophysical Properties in Solution and the Solid State. <i>Chemistry - A European Journal</i> , 2018, 24, 3793-3801.	3.3	18
12	Synthesis and structure of bis(ethylenedioxy)-1,4,5,8-tetraselenanaphthalene. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.7	2
13	Reversible Photoisomerization of Monolayers of α -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2018, 130, 17284-17288.	2.0	4
14	Reversible Photoisomerization of Monolayers of α -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17038-17042.	13.8	16
15	Polymorphism of Macrocyclic Oligothiophene 8-Mers. <i>Heterocycles</i> , 2018, 97, 1313.	0.7	3
16	Templated bilayer self-assembly of fully conjugated α -expanded macrocyclic oligothiophenes complexed with fullerenes. <i>Nature Communications</i> , 2017, 8, 14717.	12.8	62
17	Pentadecaphenylenes: synthesis, self-assembly and complexation with fullerene C ₆₀ . <i>Organic Chemistry Frontiers</i> , 2017, 4, 882-890.	4.5	4
18	Synthesis of Cyclic Oligomers of 4,4'-Diethynyl-4,5'-dioctyl-terphenyl Using Eglinton Coupling Reaction: Formation of Large Cyclic Oligomers as Major Products under Standard Conditions. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1244-1250.	3.2	1

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19	Structures and properties of Saturn-like complexes composed of oligothiophene macrocycle with methano[60]fullerene and [70]fullerene. <i>Canadian Journal of Chemistry</i> , 2017, 95, 315-319.	1.1	16
20	Ï€-Expanded Cyclic Oligothiophene 12-Mers as Semishape-Persistent Macrocycles. <i>Heterocycles</i> , 2017, 95, 380.	0.7	3
21	Defining Cyclic vs Acyclic Exciton Transition at the Single-Molecule Level: Size-Dependent Conformational Heterogeneity and Exciton Delocalization in Ethynylene-Bridged Cyclic Oligothiophenes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1260-1266.	4.6	12
22	Chain-Length-Dependent Exciton Dynamics in Linear Oligothiophenes Probed Using Ensemble and Single-Molecule Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 452-458.	4.6	11
23	Excited-State Dynamic Planarization of Cyclic Oligothiophenes in the Vicinity of a Ring-to-Linear Excitonic Behavioral Turning Point. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12711-12715.	13.8	32
24	Star-shaped tetrathiafulvalene oligomers towards the construction of conducting supramolecular assembly. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1596-1613.	2.2	19
25	Synthesis, Structures, and Photophysical Properties of Ï€-Expanded Oligothiophene 8-mers and Their Saturn-Like C ₆₀ Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 3877-3885.	13.7	69
26	Relationship between Dynamic Planarization Processes and Exciton Delocalization in Cyclic Oligothiophenes. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 451-456.	4.6	48
27	Bent Ï€-Conjugated Systems Composed of Three-Dimensional Benzoannulenes. <i>Chemical Record</i> , 2015, 15, 329-346.	5.8	28
28	Multifunctional Ï€-expanded oligothiophene macrocycles. <i>Chemical Society Reviews</i> , 2015, 44, 6411-6424.	38.1	120
29	Inhomogeneity in the Excited-State Torsional Disorder of a Conjugated Macrocycle. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4116-4126.	2.6	19
30	The Role of Linkers in the Excited-State Dynamic Planarization Processes of Macrocyclic Oligothiophene 12-Mers. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4444-4450.	4.6	15
31	Multifunctional Ï€-Expanded Macrocyclic Oligothiophene 6-Mers and Related Macrocyclic Oligomers. <i>Journal of the American Chemical Society</i> , 2014, 136, 2389-2396.	13.7	56
32	Additive Electron Pathway and Nonadditive Molecular Conductance by Using a Multipodal Bridging Compound. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5275-5283.	3.1	17
33	Synthesis of a Trinuclear Tropolone-Palladium(II) Macrocycle and Its C60 Inclusion Properties. <i>Chemistry Letters</i> , 2014, 43, 1710-1712.	1.3	4
34	Bent Ï€-Conjugated System Composed of Two Dibenzocyclooctatetraene Units: Multifunctional Properties of Dynamic Molecular Tweezers in Solution and the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 960-973.	3.2	9
35	Structure-Dependent Electronic Nature of Star-Shaped Oligothiophenes, Probed by Ensemble and Single-Molecule Spectroscopy. <i>Chemistry - A European Journal</i> , 2013, 19, 9699-9709.	3.3	7
36	Antiaromatic planar cyclooctatetraene: a strategy for developing ambipolar semiconductors for field effect transistors. <i>Chemical Communications</i> , 2013, 49, 5354.	4.1	93

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37	Synthesis of pentadecaphenylenes, their inclusion properties, and nanostructure formation with C60. <i>Chemical Communications</i> , 2013, 49, 9251.	4.1	23
38	Solvent-Induced Crystalline-State Emission and Multichromism of a Bent π -Surface System Composed of Dibenzocyclooctatetraene Units. <i>Chemistry - A European Journal</i> , 2013, 19, 4110-4116.	3.3	61
39	Self-Assembly, Chromic Properties, and Nanostructure Formation of Tetrathiafulvalene-Fused Dodecadehydro[18]annulenes. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 1120-1137.	3.2	14
40	Face-to-Face Dimeric Tetrathiafulvalenes and Their Cation Radical and Dication Species as Models of Mixed Valence and π -Dimer States. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 51-60.	3.2	54
41	Sterically congested pyrrole-fused tetrathiafulvalene decamers as highly conductive amorphous molecular materials. <i>RSC Advances</i> , 2012, 2, 3221.	3.6	45
42	Syntheses, molecular structures, and antiviral activities of 1- and 2-(2-deoxy-d-ribofuranosyl)cyclohepta[d][1,2,3]triazol-6(1H)-ones and 1-(2-deoxy-d-ribofuranosyl)cyclohepta[b]pyrrol-8(1H)-one. <i>Tetrahedron</i> , 2012, 68, 5368-5374.	1.9	7
43	Giant Conjugated Macrocycles: Synthesis and Applications. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 1157-1163.	0.1	9
44	Synthesis and structural, electronic, optical and FET properties of thiophene-pyrrole mixed hexamers end-capped with phenyl and pentafluorophenyl groups. <i>Journal of Materials Chemistry</i> , 2011, 21, 14959.	6.7	20
45	Star-Shaped Pyrrole-Fused Tetrathiafulvalene Oligomers: Synthesis and Redox, Self-Assembling, and Conductive Properties. <i>Organic Letters</i> , 2011, 13, 3896-3899.	4.6	28
46	Probing Coherence in Synthetic Cyclic Light-Harvesting Pigments. <i>Journal of the American Chemical Society</i> , 2011, 133, 4819-4828.	13.7	57
47	Self-assembly and nanostructure formation of amphiphilic 4,5-bis(2-pyridylethynyl)tetrathiafulvalenes. <i>Supramolecular Chemistry</i> , 2011, 23, 304-309.	1.2	6
48	Synthesis and Nanostructures of Cyclic Triphenylene Trimers Having Long Alkyl and Alkoxy Side-Chains. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2940-2945.	3.3	15
49	Conjugated Macrocycles: Concepts and Applications. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10522-10553.	13.8	482
50	Conducting supramolecular nanofibers and nanorods. <i>Chemical Society Reviews</i> , 2010, 39, 2420.	38.1	165
51	Synthesis of bitetrathiafulvalenes with FeCl ₃ -mediated homo-coupling of tetrathiafulvalenylmagnesium bromide and formation of nanostructures from bitetrathiafulvalenes having long alkylthio chains. <i>Tetrahedron Letters</i> , 2010, 51, 679-682.	1.4	8
52	Star-Shaped Oligothiophenes with Unique Photophysical Properties and Nanostructured Polymorphs. <i>Chemistry - A European Journal</i> , 2010, 16, 12108-12113.	3.3	19
53	Inside Cover: Star-Shaped Oligothiophenes with Unique Photophysical Properties and Nanostructured Polymorphs (<i>Chem. Eur. J.</i> 40/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 12034-12034.	3.3	0
54	Synthesis and Properties of Octithiophene Dication Sterically Segregated by Annelation with Bicyclo[2.2.2]octene Units. <i>Materials</i> , 2010, 3, 2037-2052.	2.9	16

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55	Fully conjugated macrocycles composed of thiophenes, acetylenes, and ethylenes. <i>Pure and Applied Chemistry</i> , 2010, 82, 831-841.	1.9	29
56	Recent Studies on the Aromaticity and Antiaromaticity of Planar Cyclooctatetraene. <i>Symmetry</i> , 2010, 2, 76-97.	2.2	97
57	Cyclic Tetrathiophenes Planarized by Silicon and Sulfur Bridges Bearing Antiaromatic Cyclooctatetraene Core: Syntheses, Structures, and Properties. <i>Journal of the American Chemical Society</i> , 2010, 132, 1066-1074.	13.7	106
58	Synthesis and Properties of Thienylene-Ethynylene-Tetrathiafulvalene Oligomers. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1061-1067.	1.6	1
59	Synthesis and electrical conductivity of perchlorate-doped TTF π -diamide nanofibers with double and triple helix structures. <i>Journal of Materials Chemistry</i> , 2010, 20, 10817.	6.7	20
60	Synthesis and π -Amphoteric Properties of Tris(tetrathiafulvaleno)hexadehydro[12]annulene. <i>Heterocycles</i> , 2010, 80, 909.	0.7	6
61	McMurry Coupling of Diformyldithienylacetylene: Synthesis of [24]-, [36]-, and [48]Annulenes Composed of Thiophene, Acetylene, and Ethylene Units. <i>Heterocycles</i> , 2010, 82, 1143.	0.7	12
62	Copper π -Mediated Aryl π -Aryl Couplings for the Construction of Oligophenylenes and Related Heteroaromatics. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 984-998.	4.3	34
63	Dynamic Molecular Tweezers Composed of Dibenzocyclooctatetraene Units: Synthesis, Properties, and Thermochromism in Host π -Guest Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 6838-6847.	3.3	61
64	Magnetic Alignment in Solid State and Temperature Hysteresis in Aqueous Tetrahydrofuran Solution for Tetrathiafulvaleno[18]annulenes. <i>ChemPhysChem</i> , 2009, 10, 2607-2611.	2.1	18
65	Giant macrocycles composed of thiophene, acetylene, and ethylene units. <i>Comptes Rendus Chimie</i> , 2009, 12, 395-402.	0.5	24
66	Synthesis, properties, and CT complex formation of highly polarized thiocyanotetrathiafulvalenes. <i>Journal of Sulfur Chemistry</i> , 2009, 30, 301-308.	2.0	4
67	Synthesis and Electrochromic Properties of Bis(2-tetrathiafulvalenylethynylphenyl)ethynes. <i>Heterocycles</i> , 2009, 77, 837.	0.7	12
68	Synthesis of Nonaphenylenes and Dodecaphenylenes Using Electron-Transfer Oxidation of Lipshutz Cuprates and Formation of Nanostructural Materials from Hexadodecyloxynonaphenylene. <i>Journal of Organic Chemistry</i> , 2008, 73, 5542-5548.	3.2	33
69	Giant Thienylene-Acetylene-Ethylene Macrocycles with Large Two-Photon Absorption Cross Section and Semishape-Persistence. <i>Journal of the American Chemical Society</i> , 2008, 130, 3252-3253.	13.7	152
70	Synthesis and Properties of Cyclic [5] <i>meta</i> -Phenyleneacetylene and Its Corresponding Cyclophane Polyone, [25](1,3)Cyclophanedecaone. <i>Chemistry Letters</i> , 2008, 37, 784-785.	1.3	11
71	Supramolecular Structures and Nanoassemblies of Tetrathiafulvalene Oligomers. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2008, 66, 1211-1222.	0.1	6
72	Syntheses, Structures, and Properties of Bithiophenophanes Bridged at 1,8-Positions of Naphthalenes. <i>Heterocycles</i> , 2008, 76, 727.	0.7	7

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73	Electroactive Nanowires Based on Simple 4,5-Bis(dodecylthio)- and 4,5-Bis(octadecylthio)-4,5-bis(methoxycarbonyl)tetrathiafulvalenes. <i>Chemistry Letters</i> , 2007, 36, 720-721.	1.3	25
74	Self-assembly and Solvatochromic Fiber Formation of 4,5-Bis(dodecylthio)tetrathiafulvalene-4-carboxylic Acid and Its Derivatives. <i>Chemistry Letters</i> , 2007, 36, 1434-1435.	1.3	17
75	Self-assembly and Nanostructure Formation of Multi-functional Organic π -Donors. <i>Chemistry Letters</i> , 2007, 36, 1402-1407.	1.3	59
76	Hexagonally Ordered Nanostructures Comprised of a Flexible Disk-like Molecule with High Self-Assembling Properties at Neutral and Cationic States. <i>Journal of the American Chemical Society</i> , 2007, 129, 3072-3073.	13.7	67
77	Syntheses, structures, and supramolecular properties of giant π -expanded macrocyclic oligothiophenes. <i>Heteroatom Chemistry</i> , 2007, 18, 460-466.	0.7	20
78	Short-step syntheses and complexation properties of Z,Z-tribenzodidehydro- and all-Z-tribenzo[12]annulenes. <i>Tetrahedron Letters</i> , 2007, 48, 3433-3436.	1.4	19
79	Synthesis and properties of 4,5-bis(methylthio)-4,5-bis(2-pyridylethynyl)tetrathiafulvalene and its copper complexes. <i>Tetrahedron Letters</i> , 2007, 48, 5895-5898.	1.4	22
80	Efficient Construction of Biaryls and Macrocyclic Cyclophanes via Electron-Transfer Oxidation of Lipshutz Cuprates. <i>Journal of Organic Chemistry</i> , 2006, 71, 6110-6117.	3.2	59
81	Giant Macrocycles Composed of Thiophene, Acetylene, and Ethylene Building Blocks. <i>Journal of the American Chemical Society</i> , 2006, 128, 16740-16747.	13.7	170
82	Synthesis of Tris(tetrathiafulvaleno)dodecadehydro- [18]annulenes and Their Self-Assembly. <i>Organic Letters</i> , 2006, 8, 1917-1920.	4.6	93
83	Synthesis of Nonaphenylenes and Dodecaphenylenes Using Electron-transfer Oxidation of Lipshutz Cuprate Intermediates. <i>Chemistry Letters</i> , 2005, 34, 1474-1475.	1.3	16
84	Bis(ethylenedioxy)-1,4,5,8-tetraselenanaphthalene: The First Example of Tetraselenanaphthalene. <i>Chemistry Letters</i> , 2005, 34, 68-69.	1.3	6
85	d-Electron-Induced Negative Magnetoresistance of a π -d Interaction System Based on a Brominated-TTF Donor. <i>Inorganic Chemistry</i> , 2005, 44, 2493-2506.	4.0	49
86	Novel electron-transfer oxidation of Lipshutz cuprates with 1,4-benzoquinones: an efficient homo-coupling reaction of aryl halides and its application to the construction of macrocyclic systems. <i>Chemical Communications</i> , 2005, , 411.	4.1	36
87	All - Z -hexabenzo[24]annulene with a triangular benzene cluster substructure. <i>Tetrahedron Letters</i> , 2004, 45, 359-362.	1.4	38
88	Aggregation of star-shaped tris(tetrathiafulvalenylethynyl) benzene in solution and in the solid state. <i>Tetrahedron Letters</i> , 2004, 45, 4109-4112.	1.4	40
89	Mono- and bis(tetrathiafulvaleno)hexadehydro[12]annulenes Electronic supplementary information (ESI) available: cyclic voltammograms of the annulenes 1 and 2. See http://www.rsc.org/suppdata/cc/b4/b407200f/ . <i>Chemical Communications</i> , 2004, , 2042.	4.1	30
90	Novel π -Expanded Radialene Macrocycles with Inner Cavity. <i>Organic Letters</i> , 2004, 6, 4667-4670.	4.6	23

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91	Bi-TTF, Bis-TTF, and Related TTF Oligomers. <i>Chemical Reviews</i> , 2004, 104, 5085-5114.	47.7	187
92	Anomalous Ring Cleavage of 1,3-Dithiole- and 1,3-Diselenole-2-thiones under the Cross-Coupling Conditions Using Triethyl Phosphite. <i>Chemistry Letters</i> , 2004, 33, 570-571.	1.3	8
93	Bis(tetrathiafulvaleno)octadehydro[20]annulene with Multi-functionality. <i>Chemistry Letters</i> , 2004, 33, 1098-1099.	1.3	26
94	Synthesis and inclusion properties of a novel macrocyclic hexaketone monohydrate with a hemiacetal structure. <i>Chemical Communications</i> , 2003, , 2586.	4.1	8
95	Intramolecular Charge Interaction in the Radical Cations and Dications of Conjugated Tetrathiafulvalene Dimers. <i>Chemistry Letters</i> , 2002, 31, 590-591.	1.3	28
96	π -d Interaction-Based Molecular Magnets in TTF-Type Salts. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 535-542.	0.9	9
97	π -Aromatic chemistry. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2002, 98, 359-407.	0.9	4
98	Synthesis and Electroconductive Properties of Radical Salts Derived from Tetrathiafulvalene Dimers. <i>Journal of Solid State Chemistry</i> , 2002, 168, 597-607.	2.9	18
99	Syntheses, Structure and Conducting Properties of Halogenated Ethylenedioxytetrathiafulvalenes. <i>Heterocycles</i> , 2001, 54, 833.	0.7	40
100	Conjugate addition of 6-membered hydrazine to chiral tert-butyl (E)-2-(p-tolylsulfinyl)cinnamates. Synthesis of (S)-celacinnine. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2924-2930.	1.3	12
101	Synthesis of biphenylenes and tetraphenylenes using copper-catalyzed coupling of arylzinc intermediates. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 159-165.	1.3	45
102	Effects of Molecular Association in the Radical-Cations of 1,8-Bis(ethylenedithiotetrathiafulvalenyl)naphthalene. <i>Chemistry Letters</i> , 2001, 30, 1146-1147.	1.3	36
103	Synthesis and Properties of Tetrathiafulvalene-Substituted Ferrocenes. <i>Chemistry Letters</i> , 2001, 30, 1310-1311.	1.3	25
104	[6.6](1,8)Naphthalenophane containing 2,2'-bithienyl-5,5'-ylene bridges. <i>Tetrahedron Letters</i> , 2001, 42, 6869-6872.	1.4	22
105	Synthesis of benzocyclobutadiene trimers and all-Z-tribenzo[12]annulene. A new family of concave π -systems. <i>Tetrahedron</i> , 2001, 57, 3567-3576.	1.9	33
106	Copper(I), silver(I), and gold(I) complexes of all - Z -tribenzo[12]annulene. <i>Tetrahedron Letters</i> , 2001, 42, 53-56.	1.4	29
107	Synthesis of Biaryls Using the Coupling Reaction of Diaryldimethyltins with Copper(II) Nitrate. <i>Chemistry Letters</i> , 2000, 29, 160-161.	1.3	24
108	Radical-Cation Salts Based on Brominated and Chlorinated Ethylenedioxytetrathiafulvalenes. <i>Chemistry Letters</i> , 2000, 29, 680-681.	1.3	11

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109	Spin-spin coupling between the two unpaired electrons in cross-conjugated tetrathiafulvalene dication radicals. <i>Journal of Physical Organic Chemistry</i> , 2000, 13, 197-202.	1.9	7
110	all-Z-Tribenzo[12]-, tetrabenzo[16]- and pentabenzo[20]annulenes. <i>Tetrahedron Letters</i> , 2000, 41, 359-363.	1.4	35
111	New Syntheses of Tricyclic Thiophenes and Cyclic Tetrathiophenes Using Transition-Metal-catalyzed Cyclization. <i>Heterocycles</i> , 2000, 52, 761.	0.7	55
112	Selectivity of cyano-Gilman cuprates: synthesis of 10-membered ring cyclophanes. <i>Chemical Communications</i> , 2000, , 2329-2330.	4.1	17
113	A Cyclic Oligophenylene Containing Two 1,8-Naphthalene Units Bridged by Two Face-to-Face Biphenyl Linkages Exhibiting Unusual Strain and π - π Interaction. <i>Organic Letters</i> , 2000, 2, 2081-2083.	4.6	57
114	all-Z-Tetrabenzo[16]- and Pentabenzo[20]annulenes, π -Cavitands Binding to Silver Cation. <i>Organic Letters</i> , 2000, 2, 4017-4020.	4.6	23
115	Helical Tetrathiafulvalene Oligomers. Synthesis and Properties of Bi-, Ter-, and Quatertetrathiafulvalenes. <i>Organic Letters</i> , 2000, 2, 2217-2220.	4.6	31
116	Novel Molecular Magnets Based on Organic Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 334, 379-388.	0.3	6
117	1,1-Bis(tetrathiafulvalenyl)ethylene. A unique cross-conjugated dimeric tetrathiafulvalene. <i>Tetrahedron Letters</i> , 1999, 40, 2807-2810.	1.4	16
118	Isolation of two conformers of Z,Z-tribenzo[c,g,k][12]annulene-1,2-dione. <i>Tetrahedron Letters</i> , 1999, 40, 2961-2964.	1.4	8
119	Synthesis and properties of bitetraselenafulvalene. <i>Tetrahedron Letters</i> , 1999, 40, 5729-5730.	1.4	19
120	Conducting charge-transfer and radical ion salts based on bitetrathiafulvalenes; an approach to organic metals using stoichiometry control. <i>Journal of Materials Chemistry</i> , 1999, 9, 335-337.	6.7	10
121	Physical Properties of Charge Transfer Salt (EDO-TTFBr ₂) ₂ AsF ₆ in Mott Insulating State. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2423-2428.	3.2	4
122	Novel synthesis of biphenylene and its derivatives using intramolecular coupling of zinccyclopentadienes. <i>Tetrahedron Letters</i> , 1998, 39, 5393-5396.	1.4	44
123	Face-to-face fixed ferrocenes. Synthesis and properties of 2,10-diferrocenyl- and 2,5,7,10-tetraferrocenyl-1,6-methano[10]annulenes. <i>Journal of Organometallic Chemistry</i> , 1998, 569, 225-233.	1.8	27
124	4,5-Diiodo-4,5-ethylenedioxytetrathiafulvalene and Its Metallic Radical Salts. <i>Chemistry Letters</i> , 1997, 26, 817-818.	1.3	29
125	Halogenated Bis(methylthio)tetrathiafulvalenes as a Unique Donor System. <i>Chemistry Letters</i> , 1997, 26, 599-600.	1.3	30
126	Charge Transfer in Fullerene-Conducting Polymer Compositex: Electronic and Excitonic Properties. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1997, 5, 1359-1386.	0.6	5

#	ARTICLE	IF	CITATIONS
127	Synthesis of dithienothiophenes, cyclopentadithiophene and silacyclopentadithiophenes using palladium-catalyzed cyclization. <i>Tetrahedron Letters</i> , 1997, 38, 4581-4582.	1.4	40
128	Heterocycles structurally influenced by a side chain. Effect of temperature and side chain on the imine-enamine tautomerism in the quinoxalinone and pyridopyrazinone systems. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 773-780.	2.6	13
129	Charge-transfer complex and radical cation salt of a new donor EDT-TTFCL2: unique conductivities and crystal structures. <i>Journal of Materials Chemistry</i> , 1996, 6, 501.	6.7	21
130	Synthesis and Properties of Mono- and Dications of 1,1'-Diferrocenylene. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 286, 65-70.	0.3	2
131	Practically useful Reformatsky Type Reactions of Chlorodifluoroacetate and Bromodifluoroacetate Induced by Samarium(II) Diiodide. <i>Synthetic Communications</i> , 1996, 26, 2523-2529.	2.1	14
132	Syntheses and Properties of Halogenated EDT-TTF Derivatives. <i>Chemistry Letters</i> , 1995, 24, 183-184.	1.3	22
133	Synthesis and Oxidation of Di-, Tri-, Tetra-, and Pentaamines. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 272, 175-182.	0.3	6
134	Chemistry of Fullerenes-the High Reactivity and New Developments.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 1995, 53, 756-769.	0.1	5
135	Multi-Tetrathiafulvalene Systems. New Donors Containing Two or Three Tetrathiafulvalene-Substituents at 1,3- and 1,3,5-Positions of Aromatic Rings. <i>Chemistry Letters</i> , 1994, 23, 2369-2372.	1.3	32
136	Synthesis of the Tris(9-fluorenylidene)cyclopropane Dianion and Related Dianions: [3]Radialenes with Novel Electronic Properties. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 89-90.	4.4	17
137	Palladium-catalysed coupling of trialkylstannyltetrathiafulvalenes with aryl halides. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 158.	2.0	63
138	Homocoupling of Aryl Halides Using Nickel(II) Complex and Zinc in the Presence of Et ₄ Ni. An Efficient Method for the Synthesis of Biaryls and Bipyridines. <i>Bulletin of the Chemical Society of Japan</i> , 1990, 63, 80-87.	3.2	238
139	A new approach to the construction of radialenes by the nickel-catalyzed cyclooligomerization of [3]cumulenes (butatrienes). <i>Journal of the American Chemical Society</i> , 1988, 110, 8494-8500.	13.7	99
140	3,15,18,30-Tetra- <i>t</i> -butyl-1,16-didehydro[30]annulene. A diatropic σ ⁶ electron system. <i>Tetrahedron Letters</i> , 1973, 14, 4743-4746.	1.4	16