

George R Newkome

List of Publications by Year in descending order

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431
papers

20,029
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13068

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494
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494
docs citations

494
times ranked

11709
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular cuboctahedra with aggregation-induced emission enhancement and external binding ability. <i>Chemical Science</i> , 2022, 13, 5999-6007.	3.7	10
2	Ruthenodendrimers. , 2021, , 275-336.		1
3	Versatile Applications of Metallopolymers. <i>Progress in Polymer Science</i> , 2021, 119, 101428.	11.8	29
4	Eight-membered and larger rings. <i>Progress in Heterocyclic Chemistry</i> , 2021, 33, 583-598.	0.5	1
5	Route to Useful Metallomonomers: Step-Wise Construction of Bimetallic Triangles by Site-Specific Metalation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 153-158.	1.9	3
6	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2020, , 649-669.	0.5	6
7	Sierpiński Pyramids by Molecular Entanglement. <i>Journal of the American Chemical Society</i> , 2020, 142, 5526-5530.	6.6	13
8	Giant Truncated Metallo-Tetrahedron with Unexpected Supramolecular Aggregation Induced Emission Enhancement. <i>Journal of the American Chemical Society</i> , 2020, 142, 7987-7994.	6.6	38
9	Intra- and intermolecular self-assembly of a 20-nm-wide supramolecular hexagonal grid. <i>Nature Chemistry</i> , 2020, 12, 468-474.	6.6	88
10	Assembling Shape-Persistent High-Order Sierpiński Triangular Fractals. <i>IScience</i> , 2020, 23, 101064.	1.9	11
11	Concentration dependent supramolecular interconversions of triptycene-based cubic, prismatic, and tetrahedral structures. <i>Dalton Transactions</i> , 2018, 47, 14189-14194.	1.6	15
12	Terpyridine-based metallosupramolecular constructs: tailored monomers to precise 2D-motifs and 3D-metallocages. <i>Chemical Society Reviews</i> , 2018, 47, 3991-4016.	18.7	294
13	A Long Pathway to the Quantitative Assembly of Metallodendrimers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 360-368.	1.9	11
14	Titelbild: Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures (<i>Angew. Chem.</i> 43/2018). <i>Angewandte Chemie</i> , 2018, 130, 14133-14133.	1.6	0
15	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2018, 30, 551-572.	0.5	0
16	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie</i> , 2018, 130, 14312-14316.	1.6	3
17	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14116-14120.	7.2	37
18	Supramolecular arrays by the self-assembly of terpyridine-based monomers with transition metal ions. <i>Dalton Transactions</i> , 2018, 47, 7528-7533.	1.6	11

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19	Amphiphilic [tpy-MII-tpy] metallotriangles: synthesis, characterisation and hierarchical ordering. <i>Supramolecular Chemistry</i> , 2017, 29, 69-79.	1.5	8
20	Terpyridine-Based, Flexible Tripods: From a Highly Symmetric Nanosphere to Temperature-Dependent, Irreversible, 3D Isomeric Macromolecular Nanocages. <i>Journal of the American Chemical Society</i> , 2017, 139, 3012-3020.	6.6	56
21	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , 2017, 8, 15476.	5.8	53
22	Supercharged, Precise, Megametallodendrimers via a Single-Step, Quantitative, Assembly Process. <i>Journal of the American Chemical Society</i> , 2017, 139, 15652-15655.	6.6	37
23	Metallosupramolecular 3D assembly of dimetallic Zn ₄ [RuL ₂] ₂ and trimetallic Fe ₂ Zn ₂ [RuL ₂] ₂ . <i>Chemical Communications</i> , 2017, 53, 11087-11090.	2.2	18
24	Constructing High-Generation Sierpiński Triangles by Molecular Puzzling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11450-11455.	7.2	54
25	Constructing High-Generation Sierpiński Triangles by Molecular Puzzling. <i>Angewandte Chemie</i> , 2017, 129, 11608-11613.	1.6	11
26	Stepwise, multicomponent assembly of a molecular trapezoid possessing three different metals. <i>Chemical Communications</i> , 2017, 53, 8038-8041.	2.2	10
27	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2017, , 635-655.	0.5	2
28	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2016, 28, 623-644.	0.5	1
29	Self-assembly of nanotubes and ordered mesostructures using weak interactions. <i>Supramolecular Chemistry</i> , 2016, 28, 907-912.	1.5	0
30	Controlled Interconversion of Superposed-Bistriangles, Octahedron, and Cuboctahedron Cages Constructed Using a Single, Terpyridinyl-Based Polyligand and Zn ²⁺ . <i>Journal of the American Chemical Society</i> , 2016, 138, 12344-12347.	6.6	63
31	Progress in Heterocyclic Metallosupramolecular Construction. <i>Advances in Heterocyclic Chemistry</i> , 2016, , 195-236.	0.9	5
32	Programmed Molecular Engineering: Stepwise, Multicomponent Assembly of a Dimetallic Metallotriangulane. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5091-5095.	1.2	15
33	Hydrophobic-Driven, Metallomacrocyclic Assembly "Towards Quantitative Construction. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1671-1677.	1.0	6
34	Coordination-Driven, Self-Assembly of a Polycyclic, Terpyridine-Based Nanobelt. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 907-913.	1.9	7
35	<I>Mono</I>- and <I>Bis</I>-Terpyridine-Based Dimer and Metallo-Organic Polymers as Ionic Templates for Preparation of Multi-Metallic Au Nanocluster and Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2613-2622.	0.9	1
36	Electrical properties of FeII -terpyridine-Modified cellulose nanocrystals and polycaprolactone/FeII -CTP nanocomposites. <i>Polymer Composites</i> , 2016, 37, 2734-2743.	2.3	12

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37	3D helical and 2D rhomboidal supramolecules: stepwise self-assembly and dynamic transformation of terpyridine-based metallo-architectures. <i>Chemical Communications</i> , 2016, 52, 9773-9776.	2.2	21
38	A Pandora's Box of New Materials—Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 585-585.	2.0	12
39	Macromol. Rapid Commun. 17/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1616-1616.	2.0	0
40	Group 8 Metallomacrocycles—Synthesis, Characterization, and Stability. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5662-5668.	1.0	13
41	Precise Molecular Fission and Fusion: Quantitative Self-Assembly and Chemistry of a Metallo-Cuboctahedron. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9224-9229.	7.2	93
42	Characterization of Metallosupramolecular Polymers by Top-Down Multidimensional Mass Spectrometry Methods. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1539-1552.	2.0	34
43	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 575-597.	0.5	1
44	A TpyRu ²⁺ -based bismetallopolymer and its performance in catalytic water oxidation (Tpy =) Tj ETQq0,0,0 rgBT /Overlock 1	1.6	8
45	Perylene-Based, Bis(terpyridine)-Ru(II) Complexes: Synthesis, Electrochemical and Photovoltaic Properties. <i>Heterocycles</i> , 2015, 90, 502.	0.4	1
46	Directed flexibility: self-assembly of a supramolecular tetrahedron. <i>Chemical Communications</i> , 2015, 51, 3820-3823.	2.2	25
47	Multicomponent reassembly of terpyridine-based materials: quantitative metallomacrocyclic rearrangement. <i>Chemical Communications</i> , 2015, 51, 12851-12854.	2.2	18
48	Facile thermodynamic conversion of a linear metallopolymer into a self-assembled hexameric metallomacrocyclic. <i>Chemical Communications</i> , 2015, 51, 5766-5769.	2.2	40
49	New supramolecular metallo-terpyridine carboxymethyl cellulose derivatives with antimicrobial properties. <i>Carbohydrate Polymers</i> , 2015, 116, 2-8.	5.1	29
50	From 1st 3 dendritic designs to fractal supramacromolecular constructs: understanding the pathway to the Sierpinski gasket. <i>Chemical Society Reviews</i> , 2015, 44, 3954-3967.	18.7	138
51	Towards Molecular Construction Platforms: Synthesis of a Metallo-tricyclic Spirane Based on Bis(2,6-bis(2-terpyridine)Ru ^{II}) Connectivity. <i>Chemistry - A European Journal</i> , 2014, 20, 11291-11294.	1.7	26
52	Probing a Hidden World of Molecular Self-Assembly: Concentration-Dependent, Three-Dimensional Supramolecular Interconversions. <i>Journal of the American Chemical Society</i> , 2014, 136, 18149-18155.	6.6	104
53	Reversible Self-Assembly of Terpyridine-Functionalized Graphene Oxide for Energy Conversion. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1415-1419.	7.2	75
54	Preparation of dendritic adamantane-based polymers/layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , 2014, 54, 2669-2675.	1.5	3

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55	Dendronized Cellulose Nanocrystals as Templates for Preparation of ZnS and CdS Quantum Dots. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 743-749.	1.2	9
56	Self-assembly of a family of suprametallomacrocycles: revisiting an o-carborane bisterpyridyl building block. <i>Dalton Transactions</i> , 2014, 43, 9604-9611.	1.6	45
57	Effects of molecular geometry on the self-assembly of giant polymer-dendron conjugates in condensed state. <i>Soft Matter</i> , 2014, 10, 3200.	1.2	12
58	One Ligand in Dual Roles: Self-Assembly of a Bis-Rhomboidal-Shaped, Three-Dimensional Molecular Wheel. <i>Chemistry - A European Journal</i> , 2014, 20, 13094-13098.	1.7	21
59	Conductive Water/Alcohol-Soluble Neutral Fullerene Derivative as an Interfacial Layer for Inverted Polymer Solar Cells with High Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14189-14195.	4.0	22
60	One-Step Multicomponent Self-Assembly of a First-Generation Sierpinski Triangle: From Fractal Design to Chemical Reality. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12182-12185.	7.2	87
61	Construction of a Highly Symmetric Nanosphere via a One-Pot Reaction of a Tristerpyridine Ligand with Ru(II). <i>Journal of the American Chemical Society</i> , 2014, 136, 8165-8168.	6.6	80
62	Synthesis of polymer-clay nanocomposites of some vinyl monomers by surface-initiated atom transfer radical polymerization. <i>Designed Monomers and Polymers</i> , 2013, 16, 528-536.	0.7	14
63	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2013, , 497-517.	0.5	2
64	Preparation of different dendritic-layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , 2013, 53, n/a-n/a.	1.5	3
65	Self-Assembly and Characterization of 3D Metallamacrocycles: A Study of Supramolecular Constitutional Isomers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2492-2497.	1.0	17
66	Self-Assembly of a Supramolecular, Three-Dimensional, Spoked, Bicycle-Like Wheel. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7728-7731.	7.2	81
67	Perylene-Based Bis-, Tetrakis-, and Hexakis(terpyridine) Ligands and Their Ruthenium(II)-Bis(terpyridine) Complexes: Synthesis and Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3640-3644.	1.2	18
68	Giant surfactants provide a versatile platform for sub-10-nm nanostructure engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10078-10083.	3.3	202
69	From dendrimers to fractal polymers and beyond. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 67-84.	1.2	5
70	Dendronized Bi-2-quinoline Ligands and Their Metal Complexes: Dendron Synthesis and Metalloassembly. <i>Heterocycles</i> , 2012, 84, 1023.	0.4	2
71	Shape-persistent, ruthenium(ii)- and iron(ii)-bisterpyridine metallodendrimers: synthesis, traveling-wave ion-mobility mass spectrometry, and photophysical properties. <i>New Journal of Chemistry</i> , 2012, 36, 484.	1.4	18
72	Stable, trinuclear Zn(ii)- and Cd(ii)-metallocycles: TWIM-MS, photophysical properties, and nanofiber formation. <i>Dalton Transactions</i> , 2012, 41, 11573.	1.6	39

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73	New Metallo-Supramolecular Terpyridine-Modified Cellulose Functional Nanomaterials. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 298-305.	1.2	16
74	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. <i>Chemical Communications</i> , 2012, 48, 9873.	2.2	45
75	Dondorff Rings: Synthesis, Isolation, and Properties of 60°-Directed Bisterpyridine-Based Folded Tetramers. <i>Chemistry - A European Journal</i> , 2012, 18, 11569-11572.	1.7	30
76	Terpyridines and their Complexes with First Row Transition Metal Ions: Cytotoxicity, Nuclease Activity and Self-Assembly of Biomacromolecules. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 158-175.	1.0	58
77	Stoichiometric Self-Assembly of Isomeric, Shape-Persistent, Supramacromolecular Bowtie and Butterfly Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7672-7675.	6.6	100
78	Macromolecules Containing Metal Ions. <i>Macromolecular Rapid Communications</i> , 2012, 33, 447-447.	2.0	3
79	Fluorescent cellulose nanocrystals via supramolecular assembly of terpyridine-modified cellulose nanocrystals and terpyridine-modified perylene. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012, 177, 350-358.	1.7	55
80	Sterically congested, hexameric tetrakispyridinyl-PdII/CdII-metallomacrocycles: self-assembly and structural characterization. <i>Chemical Communications</i> , 2011, 47, 4658.	2.2	31
81	Novel Twofold Interpenetrating Channel Framework Based on Metal Tetramer Subunits. <i>Crystal Growth and Design</i> , 2011, 11, 2695-2697.	1.4	5
82	Separation and Characterization of Metallo-supramolecular Libraries by Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 6667-6674.	3.2	59
83	Stoichiometric Self-Assembly of Shape-Persistent 2D Complexes: A Facile Route to a Symmetric Supramacromolecular Spoked Wheel. <i>Journal of the American Chemical Society</i> , 2011, 133, 11450-11453.	6.6	147
84	Gradient Tandem Mass Spectrometry Interfaced with Ion Mobility Separation for the Characterization of Supramolecular Architectures. <i>Analytical Chemistry</i> , 2011, 83, 1284-1290.	3.2	90
85	Design, Synthesis, and Traveling Wave Ion Mobility Mass Spectrometry Characterization of Iron(II) and Ruthenium(II) Terpyridine Metallomacrocycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 11967-11976.	6.6	158
86	A rigid metallohexameric macrocycle composed of endo- and exo-cyclic bisterpyridine-metal complexes. <i>New Journal of Chemistry</i> , 2011, 35, 2130.	1.4	11
87	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , 2011, 3, 1384-1406.	1.8	131
88	Terpyridine-Functionalized Surfaces: Redox-Active, Switchable, and Electroactive Nanoarchitectures. <i>Advanced Materials</i> , 2011, 23, 3484-3498.	11.1	90
89	The Marriage of Terpyridines and Inorganic Nanoparticles: Synthetic Aspects, Characterization Techniques, and Potential Applications. <i>Advanced Materials</i> , 2011, 23, 5728-5748.	11.1	77
90	Dendron-Functionalized Bis(terpyridine)-Iron(II) or -Cadmium(II) Metallomacrocycles: Synthesis, Traveling Wave Ion Mobility Mass Spectrometry, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 4830-4838.	1.7	35

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91	Towards Larger Polygonal Architectures: Synthesis and Characterization of Iron(II) and Ruthenium(II) Bis(terpyridine) Metallomacrocycles. <i>Chemistry - A European Journal</i> , 2011, 17, 7750-7754.	1.7	50
92	Unexpected Isolation of a Pentameric Metallomacrocycle from the Fe ^{II} -Mediated Complexation of 120Å° Juxtaposed 2,2':6''',2''':6''''-Terpyridine Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 1768-1771.	1.0	57
93	Self-Assembly, Disassembly, and Reassembly of Gold Nanorods Mediated by Bis(terpyridine) Metal Connectivity. <i>Chemistry - A European Journal</i> , 2010, 16, 4164-4168.	1.7	46
94	Hexameric Palladium(II) Terpyridyl Metallomacrocycles: Assembly with 4,4'-Bipyridine and Characterization by TWIM Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6539-6544.	7.2	70
95	Shape-Persistent, Truxene-Based, Nano-Sized Bis(terpyridine) Ruthenium(II) Complexes: Synthesis and Photophysical Properties. <i>Macromolecular Rapid Communications</i> , 2010, 31, 850-855.	2.0	24
96	Metal-Containing and Metallo-Supramolecular Polymers and Materials. <i>Macromolecular Rapid Communications</i> , 2010, 31, 771-771.	2.0	10
97	Hexameric Macrocyclic Architectures in Heterocyclic Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2010, , 1-74.	0.9	14
98	Ultrafast Time-Resolved Spectroscopy of Self-Assembled Cyclic Fe(II) Bisterpyridine Complexes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11731-11736.	1.2	12
99	Dendrimers Derived from 1 + 3 Branching Motifs. <i>Chemical Reviews</i> , 2010, 110, 6338-6442.	23.0	326
100	Self-Assembly and Traveling Wave Ion Mobility Mass Spectrometry Analysis of Hexacadmium Macrocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 16395-16397.	6.6	151
101	Construction of hexanuclear macrocycles by a coupling strategy from polyfunctionalized bis(terpyridines). <i>New Journal of Chemistry</i> , 2009, 33, 345-357.	1.4	18
102	Synthesis, characterization, and self-assembled nanofibers of carbohydrate-functionalized mono- and di(2,2':6''',2''':6''''-terpyridinyl)arenes. <i>Chemical Communications</i> , 2009, , 6928.	2.2	14
103	Self-Assembly of Shape-Persistent Hexagonal Macrocycles with Trimeric Bis(terpyridine) Fe ^{II} Connectivity. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3328-3334.	1.2	21
104	Dendrimer-Metallomacrocycle Composites: Nanofiber Formation by Multi-Ion Pairing. <i>Advanced Materials</i> , 2008, 20, 1381-1385.	11.1	36
105	Poly(amidoamine), polypropylenimine, and related dendrimers and dendrons possessing different 1 + 2 branching motifs: An overview of the divergent procedures. <i>Polymer</i> , 2008, 49, 1-173.	1.8	358
106	Dendritic macromolecules for organic light-emitting diodes. <i>Chemical Society Reviews</i> , 2008, 37, 2543.	18.7	211
107	Square-Planar Pd(II), Pt(II), and Au(III) Terpyridine Complexes: Their Syntheses, Physical Properties, Supramolecular Constructs, and Biomedical Activities. <i>Chemical Reviews</i> , 2008, 108, 1834-1895.	23.0	571
108	Clicking Fullerene with Polymers: Synthesis of [60]Fullerene End-Capped Polystyrene. <i>Macromolecules</i> , 2008, 41, 515-517.	2.2	118

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109	Surface Properties of a Series of Amphiphilic Dendrimers with Short Hydrophobic Chains. <i>Langmuir</i> , 2008, 24, 1858-1862.	1.6	10
110	Chapter 8 Eight-membered and larger rings. <i>Progress in Heterocyclic Chemistry</i> , 2008, 19, 465-483.	0.5	2
111	5,10,15,20-Tetrakis[4-(terpyridinyl)phenyl]porphyrin and its Ru(II) complexes: Synthesis, photovoltaic properties, and self-assembled morphology. <i>Chemical Communications</i> , 2007, , 4456.	2.2	25
112	Design, characterization, and X-ray structure of an interlocked dinuclear chair-like metallomacrocyclic: [Fe ₂ (3,5-bis(2,2',6'-terpyridin-4-yl)toluene) ₂][PF ₆] ⁻]. <i>Dalton Transactions</i> , 2007, , 626-628.		18
113	Synthesis of a water-soluble hexameric metallomacrocyclic and its oxidized single-wall carbon nanotube composite. <i>Journal of Materials Chemistry</i> , 2007, 17, 3023-3029.	6.7	15
114	Effect of Ionic Binding on the Self-Diffusion of Anionic Dendrimers and Hydrophilic Polymers in Aqueous Systems as Studied by Pulsed Gradient NMR Techniques. <i>Macromolecules</i> , 2007, 40, 3644-3649.	2.2	15
115	Recent progress and applications for metallodendrimers. <i>New Journal of Chemistry</i> , 2007, 31, 1192.	1.4	200
116	Synthesis and photophysical properties for fluorescent hexameric metallomacrocyclics: Zinc(II)-mediated self-assembly of bis(terpyridine) ligands. <i>Inorganica Chimica Acta</i> , 2007, 360, 1780-1784.	1.2	27
117	Synthesis of 5-substituted 1,3-[bis(2,2',6'-terpyridin-4-ylethynyl)]benzene ligands and their coordination-driven self-assembly. <i>Designed Monomers and Polymers</i> , 2006, 9, 413-424.	0.7	11
118	TerpyridineCullPolycarboxylate Crystal Reorganization to One- and Two-Dimensional Nanostructures: Crystal Disassembly and Reassembly. <i>Crystal Growth and Design</i> , 2006, 6, 1563-1565.	1.4	23
119	Design, synthesis and photoelectrochemical properties of hexagonal metallomacrocyclics based on triphenylamine: [M ₆ (4,4'-bis(2,2',6'-terpyridinyl)triphenylamine) ₆ (X) ₁₂]; [M = Fe(II), PF ₆ ⁻ and Zn(II), BF ₄ ⁻]. <i>Dalton Transactions</i> , 2006, , 3518-3522.		29
120	TerpyridineCull-mediated reversible nanocomposites of single-wall carbon nanotubes: towards metallo-nanoscale architectures. <i>Chemical Communications</i> , 2006, , 1091.	2.2	70
121	Construction of CdS quantum dots via a regioselective dendritic functionalized cellulose template. <i>Chemical Communications</i> , 2006, , 3495.	2.2	31
122	Dendron-Tethered and Templated CdS Quantum Dots on Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2006, 128, 7505-7509.	6.6	82
123	Synthesis and Single-Crystal X-ray Characterization of 4,4'-Functionalized 4-(4-Bromophenyl)-2,2',6'-terpyridines. <i>Journal of Organic Chemistry</i> , 2006, 71, 1009-1014.	1.7	65
124	Functional Nanohybrids Constructed via Complexation of Multiwalled Carbon Nanotubes with Novel Hexameric Metallomacrocyclics. <i>Chemistry of Materials</i> , 2006, 18, 4019-4024.	3.2	35
125	Nanoassembly of a Fractal Polymer: A Molecular "Sierpinski Hexagonal Gasket". <i>Science</i> , 2006, 312, 1782-1785.	6.0	285
126	Metallodendrimers: Fractals and Photonics. <i>ACS Symposium Series</i> , 2006, , 186-204.	0.5	5

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127	Some Structural Observations of Self-Assembled, Fibrillar Gels Composed of Two-Directional Bolaform Arborols. ACS Symposium Series, 2006, , 370-383.	0.5	3
128	Metallodendrimers and Their Potential Utilitarian Applications. , 2006, , 399-438.		1
129	[6,6-Bis(chloromethyl)-2,2-bipyridyl]dichlorocobalt(II). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1522-m1523.	0.2	1
130	Tetramethyl 2,6-dioxadamantane-1,3,5,7-tetracarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3280-o3281.	0.2	0
131	A tripyridylthioether macrocycle:		

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145	Construction of triangular metallomacrocycles: $[M_3(1,2\text{-bis}(2,2\text{-}(\text{6-}(\text{2-}(\text{3-terpyridin-4-yl-ethynyl)benzene)3])_2)]$ [M = Ru(II), Fe(II), 2Ru(II)Fe(II)]. <i>Chemical Communications</i> , 2005, , 713-715.	2.2	65
146	<i>Dendrimers.</i> , 2004, , 432-440.		4
147	Thermal behavior of metallodendrimers possessing bis(terpyridinyl)Ru(II) connectivity and different surface functionality. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 1487-1495.	2.4	5
148	Synthesis of 2,2'-bipyridines: Versatile Building Blocks for Sexy Architectures and Functional Nanomaterials. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 235-254.	1.2	179
149	Regioselective Dendritic Functionalization of Cellulose. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1999-2002.	2.0	46
150	Towards Ordered Architectures: Self-Assembly and Stepwise Procedures to the Hexameric Metallomacrocycles $[Arylbis(terpyridinyl)_6Fe]_n$ -Rullin] (n=0,2,3,5). <i>Chemistry - A European Journal</i> , 2004, 10, 1493-1500.	1.7	82
151	Capillary microextraction on sol-gel dendrimer coatings. <i>Journal of Chromatography A</i> , 2004, 1034, 1-11.	1.8	59
152	Synthesis, X-ray Structure, and Self-Assembly of Functionalized Bis(2,2'-(6,2'-terpyridinyl)arenes. <i>Organic Letters</i> , 2004, 6, 1197-1200.	2.4	39
153	Synthesis of Neutral Metallodendrimers Possessing Adamantane Termini: A Supramolecular Assembly with β -Cyclodextrin. <i>Macromolecules</i> , 2004, 37, 6268-6274.	2.2	30
154	Effect of Electric Field on the Mobility of Carboxyl-Terminated Dendrimers. <i>Journal of Physical Chemistry B</i> , 2004, 108, 10168-10171.	1.2	27
155	Synthesis of Water-Soluble, Ester-Terminated Dendrons and Dendrimers Containing Internal PEG Linkages. <i>Macromolecules</i> , 2004, 37, 8262-8268.	2.2	19
156	Unimolecular micelles: supramolecular use of dendritic constructs to create versatile molecular containers. <i>Comptes Rendus Chimie</i> , 2003, 6, 715-724.	0.2	83
157	Linear Analogues of Acid- and Ester-Terminated Polyamido Dendrimers: Design, Syntheses, and Physical Properties. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3666-3672.	1.2	11
158	Dendrimers Series. Part 120. Metallodendrimers: Homo- and Heterogeneous Tier Construction by Bis(2,2'-(6,2'-Terpyridinyl)Ru(II) Complex Connectivity.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
159	Routes to Metallodendrimers: Synthesis of Isomeric Neutral Metallomacromolecules Based on Bis(2,2'-(6,2'-terpyridine)ruthenium(II) Connectivity. <i>Chemistry - A European Journal</i> , 2003, 9, 3367-3374.	1.7	21
160	Metallodendrimers: homo- and heterogeneous tier construction by bis(2,2'-(6,2'-terpyridinyl)Ru(II) complex connectivity. <i>Tetrahedron</i> , 2003, 59, 3955-3964.	1.0	27
161	Synthesis, spectroscopic and electrochemical investigation of some new stilbazolium dyes. <i>Dyes and Pigments</i> , 2003, 58, 227-237.	2.0	13
162	Syntheses of New 1st (2 + 1)C-Branched Monomers for the Construction of Multifunctional Dendrimers. <i>Macromolecules</i> , 2003, 36, 4345-4354.	2.2	30

#	ARTICLE	IF	CITATIONS
163	Synthesis and characterization of immobilized dendritic silica surfaces. <i>Designed Monomers and Polymers</i> , 2002, 5, 67-77.	0.7	13
164	Spirometallo dendrimers: terpyridine-based intramacromolecular cyclization upon complexation. <i>Chemical Communications</i> , 2002, , 2164-2165.	2.2	28
165	Hexagonal Terpyridine- μ -Ruthenium and μ -Iron Macrocyclic Complexes by Stepwise and Self-Assembly Procedures. <i>Chemistry - A European Journal</i> , 2002, 8, 2946.	1.7	118
166	Improved Synthesis of an Etheral Tetraamine Core for Dendrimer Construction. <i>Journal of Organic Chemistry</i> , 2002, 67, 3957-3960.	1.7	18
167	Synthesis of Cyclometalated Palladium(II) and Platinum(II) Complexes Using 2-Substituted 8-Quinolinols Containing C-Donor Atoms and Steric Interaction between the Ligands.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 2002, , 201-210.	0.1	1
168	Paramagnetic Cobalt(II) as an NMR Probe of Dendrimer Structure: μ Mobility and Cooperativity of Dendritic Arms. <i>Journal of the American Chemical Society</i> , 2001, 123, 8583-8592.	6.6	59
169	Synthesis of benzyl-terminated dendrons for use in high-resolution capillary gas chromatography. <i>Tetrahedron Letters</i> , 2001, 42, 7537-7541.	0.7	22
170	Anthraquinone-based extended dendritic monomers: electrochemical comparisons. <i>Designed Monomers and Polymers</i> , 2000, 3, 17-24.	0.7	3
171	Poly(polyoxometalate) Dendrimers: Molecular Prototypes of New Catalytic Materials. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1771-1774.	7.2	166
172	Surface modification of activated polymeric matrices by dendritic attachments. <i>Journal of Polymer Science Part A</i> , 2000, 38, 2779-2786.	2.5	16
173	Electroactive Metallomacromolecules via Tetrakis(2,2'-bipyridine)terpyridine ruthenium(II) Complexes: μ Dendritic Nanonetworks toward Constitutional Isomers and Neutral Species without External Counterions. <i>Journal of the American Chemical Society</i> , 2000, 122, 9993-10006.	6.6	56
174	Counterion Binding on Charged Spheres: μ Effect of pH and Ionic Strength on the Mobility of Carboxyl-Terminated Dendrimers. <i>Journal of Physical Chemistry B</i> , 2000, 104, 898-904.	1.2	81
175	Electroactive, Internal Anthraquinonoid Dendritic Cores. <i>Journal of Organic Chemistry</i> , 2000, 65, 1643-1649.	1.7	18
176	Two-directional dendritic macromolecules based on a 3,4-dihydrothiophene S,S-dioxide core: synthesis and thermolysis. <i>Arkivoc</i> , 2000, 2000, 210-217.	0.3	6
177	Dendrimer construction and macromolecular property modification via combinatorial methods. , 1999, 61, 243-253.		29
178	Molecular relaxations in ester-terminated, amide-based dendrimers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 2025-2038.	2.4	33
179	Design, Syntheses, Complexation, and Electrochemistry of Polynuclear Metallo dendrimers Possessing Internal Metal Binding Loci. <i>Chemistry - A European Journal</i> , 1999, 5, 1445-1451.	1.7	33
180	Self- and Directed Assembly of Hexaruthenium Macrocycles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3717-3721.	7.2	116

#	ARTICLE	IF	CITATIONS
181	Suprasupermolecules with Novel Properties: A Metallodendrimers. <i>Chemical Reviews</i> , 1999, 99, 1689-1746.	23.0	907
182	Neutral highly branched metallomacromolecules: incorporation of a (2,2'-bis(6-mercapto-2-terpyridine)ruthenium(II) complex without external counterions. <i>Chemical Communications</i> , 1999, , 27-28.	2.2	9
183	A Tailored Approach to the Syntheses of Electroactive Dendrimers Based on Diaminoanthraquinones 1. <i>Macromolecules</i> , 1999, 32, 6782-6791.	2.2	17
184	NMR Study of Dendrimer Structures Using Paramagnetic Cobalt(II) as a Probe. <i>Inorganic Chemistry</i> , 1999, 38, 4498-4502.	1.9	30
185	Complex Formation by Electrostatic Interaction between Carboxyl-Terminated Dendrimers and Oppositely Charged Polyelectrolytes. <i>Langmuir</i> , 1999, 15, 4245-4250.	1.6	65
186	Interaction of a Polycation with Small Oppositely Charged Dendrimers. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2347-2354.	1.2	61
187	Synthesis of Palladium(II) Cyclometalated Complexes of 2-BETA-Disubstituted Ethenyl-8-quinolins and Steric Interactions of Adjacent Substituents on Chelate Ring Stability.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1999, 1999, 151-160.	0.1	4
188	A New Generation of 6,6'-Disubstituted 2,2'-Bipyridines: Towards Novel Oligo(bipyridine) Building Blocks for Potential Applications in Materials Science and Supramolecular Chemistry. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2573-2581.	1.2	18
189	Isocyanate-Based Dendritic Building Blocks: Combinatorial Tier Construction and Macromolecular-Property Modification. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 307-310.	7.2	68
190	[2-(2-Acetyl-2-ethoxycarbonyl-1-methoxyethyl)-8-quinolinolato-C,N,O](pyridine-N)palladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1439-1441.	0.4	9
191	Construction of Dendritic Assemblies: A Tailored Approach to Isomeric Metallomacromolecules by Means of Bis(2,2'-bis(6-mercapto-2-terpyridine)ruthenium(II) Connectivity. <i>Macromolecules</i> , 1998, 31, 4382-4386.	2.2	57
192	Vapoconductivity: Sorption of Organic Vapors Causes Large Increases in the Conductivity of a Dendrimer. <i>Chemistry of Materials</i> , 1998, 10, 1751-1754.	3.2	49
193	Molecular recognition using β -cyclodextrin-modified dendrimers: novel building blocks for convergent self-assembly. <i>Chemical Communications</i> , 1998, , 1821-1822.	2.2	40
194	Supramolecular Chemistry within Dendritic Structures. <i>Topics in Current Chemistry</i> , 1998, , 19-77.	4.0	73
195	Suprasupermolecular chemistry: the chemistry within the dendrimer. <i>Pure and Applied Chemistry</i> , 1998, 70, 2337-2343.	0.9	69
196	Syntheses of 1,3-bis(isocyanato)propane monomers for dendritic construction. <i>Designed Monomers and Polymers</i> , 1998, 1, 3-14.	0.7	27
197	Bipyridine Building Blocks for Self-Organization Systems: First Complete NMR-spectroscopic Investigation of 6,6'-Disubstituted 2,2'-Bipyridines Obtained via N-Oxidation Route and Related Reactions. <i>Heterocycles</i> , 1998, 48, 2141.	0.4	9
198	Crystal Structure of Pyridine(2-{3,3-bis(carbomethoxy)propyl}-8-quinolinol-C,N,O)platinum(II) and Characterization of (Pt)C-Bonding Substituents.. <i>Analytical Sciences</i> , 1997, 13, 877-879.	0.8	4

#	ARTICLE	IF	CITATIONS
199	Approaches towards specifically functionalized cascade macromolecules: dendrimers with incorporated metal binding sites and their palladium(ii) and copper(ii) complexes. <i>Chemical Communications</i> , 1997, , 515-516.	2.2	19
200	Detection and Functionalization of Dendrimers Possessing Free Carboxylic Acid Moieties1. <i>Macromolecules</i> , 1997, 30, 2300-2304.	2.2	47
201	Synthesis and Chemistry of Novel Dendritic Macromolecules Possessing Internal Electroactive Anthraquinonoid Moieties. <i>Macromolecules</i> , 1997, 30, 5187-5191.	2.2	26
202	Synthesis of Unsymmetrical 5,5-Disubstituted 2,2-Bipyridines1. <i>Journal of Organic Chemistry</i> , 1997, 62, 3013-3014.	1.7	37
203	A Study of Dendrimer-Solute Interactions via Electrokinetic Chromatography. <i>Journal of the American Chemical Society</i> , 1997, 119, 2255-2261.	6.6	46
204	Dissociation of Carboxyl-Terminated Cascade Polymers: A Comparison with Theory. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3494-3497.	1.2	19
205	Nanometric dendritic macromolecules: stepwise assembly by double(2,2',6,6'-terpyridine)ruthenium(I) connectivity. <i>Journal of Materials Chemistry</i> , 1997, 7, 1237-1244.	6.7	76
206	A useful dendritic building block: Di-tert-butyl 4-[(2-tert-butoxycarbonyl)ethyl]-4-isocyanato-1,7-heptanedicarboxylate. <i>Tetrahedron Letters</i> , 1997, 38, 7053-7056.	0.7	24
207	Observations on the thermoreversible gelation of two-directional arborols in water-methanol mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 2787-2793.	2.4	12
208	6,6-bis(2-OXABUTYL)-4,8-DIOXAUNDECANE-I,II-DICARBOXYLIC ACID. <i>Organic Preparations and Procedures International</i> , 1996, 28, 242-244.	0.6	20
209	DI-tert-BUTYL4-[(2-tert-BUTOXYCARBONYL)ETHYL]-4-AMINOHEPTANEDICARBOXYLATE. <i>Organic Preparations and Procedures International</i> , 1996, 28, 495-498.	0.6	30
210	Supramolecular chemistry of flexible, dendritic-based structures employing molecular recognition. <i>Chemical Communications</i> , 1996, , 2737-2738.	2.2	68
211	Heterocyclic loci within cascade dendritic macromolecules. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 1445-1460.	1.4	20
212	Size-Exclusion Chromatography of Carboxyl-terminated Dendrimers as a Model for Permeation of Charged Particles into Like-Charged Cavities. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 397-407.	5.0	22
213	The crystal structure of a macrocycle containing pyridine and piperazine subunits, and of a Cu(I) complex of its diprotonated cation. <i>Inorganica Chimica Acta</i> , 1996, 246, 119-123.	1.2	15
214	trans-1,2-Bis(8-hydroxy-2-quinolinyl)ethene: Comparison with trans-Stilbene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 172-174.	0.4	6
215	Book Review, <i>Symmetry: A Basis for Synthesis Design</i> . <i>Synthesis</i> , 1996, 1996, 790-792.	1.2	1
216	Design, Syntheses, and Supramolecular Chemistry of Smart Cascade Polymers. , 1996, , 127-136.		2

#	ARTICLE	IF	CITATIONS
217	Supramolecular chemistry of cascade polymers: Construction, molecular inclusion, and inorganic connectivity. <i>Macromolecular Symposia</i> , 1995, 98, 467-474.	0.4	8
218	Wege zu dendritischen Netzwerken: Bis-Dendrimere durch Verknüpfung von Kaskadenmolekülen über Metallzentren. <i>Angewandte Chemie</i> , 1995, 107, 2159-2162.	1.6	37
219	Routes to Dendritic Networks: Bis-Dendrimers by Coupling of Cascade Macromolecules through Metal Centers. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2023-2026.	4.4	204
220	The crystal structure of 2-amino-5,5-bis(2-cyanoethyl)-1,2-pyrrolenineN-oxide monohydrate. <i>Journal of Chemical Crystallography</i> , 1995, 25, 569-571.	0.5	0
221	Reduction of Nitro-Substituted Tertiary Alkanes. <i>Synthesis</i> , 1995, 1995, 1053-1065.	1.2	19
222	A general synthetic strategy for functionalized oligo(bipyridines): new building blocks for supramolecular chemistry and their first application in macromolecules. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 69.	2.0	19
223	Cascade Molecules. , 1995, , 27-68.		0
224	Chemistry within a Unimolecular Micelle Precursor: Boron Superclusters by Site- and Depth-Specific Transformations of Dendrimers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 666-668.	4.4	139
225	Bolaamphiphiles: From Golf Balls to Fibers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1937-1940.	4.4	104
226	Chemische Umsetzungen im Inneren einer Vorstufe von unimolekularen Micellen: Bor-Supercluster durch ortsspezifische Addition von $B_{10}H_{14}$ an Kaskadenmoleküle. <i>Angewandte Chemie</i> , 1994, 106, 701-703.	1.6	53
227	Bolaamphiphile: von Golfbällen und Fasern. <i>Angewandte Chemie</i> , 1994, 106, 2013-2016.	1.6	14
228	Di-tert-butyl 4-[2-(tert-butoxycarbonyl)ethyl]-4-nitroheptanedioate, C ₂₂ H ₃₉ NO ₈ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 120-122.	0.4	2
229	"Smart" Cascade Polymers. Modular Syntheses of Four-Directional Dendritic Macromolecules with Acidic, Neutral, or Basic Terminal Groups and the Effect of pH Changes on Their Hydrodynamic Radii. <i>Macromolecules</i> , 1994, 27, 3464-3471.	2.2	177
230	Dendrimer electrokinetic capillary chromatography: unimolecular micellar behaviour of carboxylic acid terminated cascade macromolecules. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2139.	2.0	55
231	Synthesis and Characterization of Chiral Palladium(II) Complexes Containing a Pd-C*(sp ³)-sigma-Bond. <i>Organometallics</i> , 1994, 13, 4912-4918.	1.1	35
232	Metallo- and metalloido-micellane, derivatives: Incorporation of metals and nonmetals within unimolecular superstructures. <i>Macromolecular Symposia</i> , 1994, 77, 63-71.	0.4	28
233	Intramolecular Hydrogen Bonding within Cyclometalated Palladium(II) Complex Containing L(eta ⁻¹)-1-Phenylethylamine Ligand. <i>Chemistry Letters</i> , 1994, 23, 175-176.	0.7	4
234	A systematic nomenclature for cascade polymers. <i>Journal of Polymer Science Part A</i> , 1993, 31, 641-651.	2.5	68

#	ARTICLE	IF	CITATIONS
235	Structures of {diethyl 2-[(8-hydroxy- $\hat{\nu}$ O-2-quinolyl- $\hat{\nu}$ N)methyl]malonato(2 $\hat{\nu}$ C2)}(pyridine)palladium(II) and the analogous ethyl complex. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 476-478.	0.4	6
236	5,5-Bis(4-cyano-2-oxabutyl)-1,9-dicyano-3,7-dioxanonane. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 998-1000.	0.4	2
237	N,N'-Dibenzylethylenediamineterphthalate dimer. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1022-1024.	0.4	2
238	Cascade polymer series. 27. Two-directional cascade polymer synthesis: effects of core variation. Journal of Organic Chemistry, 1993, 58, 3123-3129.	1.7	61
239	Metallomicellanols: incorporation of ruthenium(II) $\hat{\nu}$ 2,2 $\hat{\nu}$ 2: 6 $\hat{\nu}$ 2,2 $\hat{\nu}$ 3-terpyridine triads into cascade polymers. Journal of the Chemical Society Chemical Communications, 1993, .	2.0	143
240	Pyridylphosphines. Chemical Reviews, 1993, 93, 2067-2089.	23.0	356
241	Cascade polymers. 35. pH dependence of hydrodynamic radii of acid-terminated dendrimers. Macromolecules, 1993, 26, 2394-2396.	2.2	169
242	Cascade polymer series. 27. Two-directional cascade polymer synthesis: effects of core variation. [Erratum to document cited in CA118(24):234515d]. Journal of Organic Chemistry, 1993, 58, 7626-7626.	1.7	4
243	Micelles series. 31. Building blocks for cascade polymers. 11. Synthesis of functionalized cascade cores: tetrakis(.omega.-bromoalkyl)methanes. Journal of Organic Chemistry, 1993, 58, 898-903.	1.7	37
244	External Ligand - Exchange in Cyclometalated Complexes Possessing Pd(II)-C(sp ³) Bond. Chemistry Letters, 1993, 22, 709-712.	0.7	10
245	Syntheses of Amine Building Blocks for Dendritic Macromolecule Construction1. Synlett, 1992, 1992, 53-54.	1.0	40
246	Chemistry of micelles series. 22. Cascade polymers: synthesis and characterization of four-directional spherical dendritic macromolecules based on adamantane. Journal of Organic Chemistry, 1992, 57, 358-362.	1.7	147
247	Supramolecular Self-Assemblies of Two-Directional Cascade Molecules: Automorphogenesis. Angewandte Chemie International Edition in English, 1992, 31, 917-919.	4.4	128
248	Supramolekulare Selbstorganisation von bidirektionalen KaskadenmolekÄ¼len: Automorphogenese. Angewandte Chemie, 1992, 104, 901-903.	1.6	45
249	Building blocks for cascade polymers. 7. Four-directional carbon cores for the synthesis of cascade polymers. Journal of Organic Chemistry, 1991, 56, 4798-4799.	1.7	10
250	Chemistry of micelles. 18. Cascade polymers: syntheses and characterization of one-directional arborols based on adamantane. Journal of Organic Chemistry, 1991, 56, 7162-7167.	1.7	159
251	Symmetrical, four-directional, poly(ether-amide) cascade polymers. Macromolecules, 1991, 24, 1443-1444.	2.2	191
252	Structure of a 2,6-pyridinophane. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 326-328.	0.4	2

#	ARTICLE	IF	CITATIONS
253	A novel aminotriol: 4-amino-4-(3-hydroxy-1-propyl)-1,7-heptanediol. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 1245-1247.	0.4	4
254	Alkane Cascade Polymers Possessing Micellar Topology: Micellanoic Acid Derivatives. Angewandte Chemie International Edition in English, 1991, 30, 1176-1178.	4.4	265
255	Unimolecular Micelles. Angewandte Chemie International Edition in English, 1991, 30, 1178-1180.	4.4	380
256	Unimolekulare Micellen. Angewandte Chemie, 1991, 103, 1207-1209.	1.6	93
257	Preparation of 2-substituted 8-quinolinols containing C, N, O-donor atoms and its PdII or PtII complexes. Journal of Organometallic Chemistry, 1991, 401, 217-226.	0.8	21
258	Silvanols: Water-soluble calixarenes. Tetrahedron Letters, 1991, 32, 1133-1136.	0.7	52
259	Polytryptophane terminated dendritic macromolecules. Tetrahedron: Asymmetry, 1991, 2, 957-960.	1.8	118
260	Cascade Molecules: 15.1 Synthesis of Tris(3-substituted) Tripropylnitromethanes. Synthesis, 1991, 1991, 839-841.	1.2	4
261	Eight-Membered and Larger Rings. Progress in Heterocyclic Chemistry, 1991, , 319-330.	0.5	6
262	Structure of a tetrahedral NiII dibromo complex with a 6,6'-disubstituted bipyridine. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 490-491.	0.4	6
263	Structure of syn-1,2;3,4-diepoxy-1,2,3,4-tetrahydronaphthalene. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 2214-2216.	0.4	0
264	Eight-Membered and Larger Rings. Progress in Heterocyclic Chemistry, 1990, , 277-288.	0.5	4
265	Chemistry of heterocyclic compounds. 136. 1,3,5-Tri[2,6]pyridacyclohexaphane-2,4,6-trione ketals: synthesis, structural analysis, and complexation. Journal of Organic Chemistry, 1990, 55, 5714-5719.	1.7	22
266	Chemistry of heterocyclic compounds series. Part 141. Synthesis and characterization of novel palladium(II) cyclometalated complexes of 2-vinylpyridine derivatives. Organometallics, 1990, 9, 1375-1379.	1.1	25
267	Cascade molecules. Part 6. Synthesis and characterization of two-directional cascade molecules and formation of aqueous gels. Journal of the American Chemical Society, 1990, 112, 8458-8465.	6.6	230
268	Functionalization of 2-methyl- and 2,7-dimethyl-1,8-naphthyridine. Journal of Organic Chemistry, 1990, 55, 2838-2842.	1.7	17
269	Building blocks for cascade polymers. 3. Facile elimination of nitrous acid from quaternary nitroalkanes. Journal of Organic Chemistry, 1990, 55, 5801-5802.	1.7	25
270	Selectivity of Nucleophilic Substitution on 3-Substituted 2,6-Dichloropyridines with Alkoxide. Pyridinophane Preparation. Heterocycles, 1990, 31, 1097.	0.4	6

#	ARTICLE	IF	CITATIONS
271	Chemistry of heterocyclic compounds. 124. Mono- α -functionalization of 2,9-dimethyl-1,10-phenanthroline. <i>Journal of Organic Chemistry</i> , 1989, 54, 1766-1769.	1.7	47
272	Cyclometalated complexes of 8-methylquinoline and derivatives with the platinum metals. <i>Coordination Chemistry Reviews</i> , 1989, 93, 155-183.	9.5	60
273	Synthesis and characterization of metalated and cyclometalated platinum(II) and platinum(IV) complexes of β -diesters. <i>Organometallics</i> , 1989, 8, 2513-2523.	1.1	44
274	Chemistry of heterocyclic compounds. 109. Macrocyclic inclusion complexes. Synthesis, x-ray structural analysis and formation of mono- and dinuclear transition metal complexes of dipyrindino crown ethers. <i>Journal of Organic Chemistry</i> , 1989, 54, 5105-5110.	1.7	23
275	Dichloro(6,6'-dimethyl-2,2'-bipyridyl)cobalt(II) hemibenzene solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 1668-1669.	0.4	5
276	Pyrazine-based organometallic polymeric complexes containing sp ³ -carbon-palladium(II) σ -bonds. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1988, 9, 609-615.	1.1	1
277	Inclusion of water by a crown amide. First crystal structure of a respective host-guest combination. <i>Journal of Inclusion Phenomena</i> , 1988, 6, 1-7.	0.6	11
278	Chemistry of heterocyclic compounds. 132. Metalocyclic complexes of palladium(II) and platinum(II) containing six- and seven-membered chelate rings. <i>Organometallics</i> , 1988, 7, 2537-2542.	1.1	10
279	Nitrile-stabilized carbanions. Nucleophilic substitution reactions on bromopyridines. <i>Journal of Organic Chemistry</i> , 1988, 53, 786-790.	1.7	27
280	A convenient synthesis of bis-homotris: 4-amino-4-[1-(3-hydroxypropyl)]-1,7-heptanediol, and 1-azoniapropellane. <i>Journal of Organic Chemistry</i> , 1988, 53, 5552-5554.	1.7	55
281	Chemistry of micelles series. 4. A convenient synthesis of tetrakis(2-bromoethyl)methane. <i>Journal of Organic Chemistry</i> , 1987, 52, 5480-5482.	1.7	18
282	Chemistry of heterocyclic compounds. Part 128. Synthesis of cis-dichloro(2-pyridiniumyl)(phenylbis(2-pyridyl)phosphine)palladium(II) and structural aspects of precursors. <i>Inorganic Chemistry</i> , 1987, 26, 3500-3506.	1.9	44
283	Synthesis of a pyridine-containing xanthoporphinogen-type model. An entrance to heterocalixarenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 854.	2.0	28
284	Chemistry of heterocyclic compounds. 127. Strained palladium(II) complexes. Synthesis and complexation of functionalized 8,8'-dimethyl-2,2'-biquinolines. <i>Organometallics</i> , 1987, 6, 2592-2595.	1.1	5
285	Chemistry of heterocyclic compounds. Part 119. Synthesis of halogenated terpyridines and incorporation of the terpyridine nucleus into a polyetheral macrocycle. <i>Journal of Organic Chemistry</i> , 1986, 51, 850-853.	1.7	40
286	Two-directional cascade molecules: synthesis and characterization of [9]-n-[9] arborols. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 752.	2.0	116
287	X-ray single-crystal structure determination of copper(II), cobalt(II), and nickel(II) complexes of 2,2-bis(2'-pyridyl)- and 2,2-bis(6'-methyl-2'-pyridyl)-1,3-dioxolane. <i>Inorganic Chemistry</i> , 1986, 25, 1149-1154.	1.9	18
288	Polydentate ketal coronands containing 2,6-pyridino and/or 6,6'-(2,2'-bipyridino) subunits: synthesis, characterization, structural aspects, and conformational changes upon complexation. <i>Journal of Organic Chemistry</i> , 1986, 51, 970-974.	1.7	11

#	ARTICLE	IF	CITATIONS
289	Chemistry of heterocyclic compounds. 115. A convenient synthesis and structural aspects of 1,3,5-tri[2,6]pyridacyclohexaphane-2,4,6-trione and precursors. <i>Journal of the American Chemical Society</i> , 1986, 108, 6074-6075.	6.6	18
290	Metallocyclic palladium(II) complexes possessing six- and seven-membered rings: synthesis and structural characteristics. <i>Organometallics</i> , 1986, 5, 348-355.	1.1	22
291	Chemistry of heterocyclic compounds series. Part 108. Reductive dehalogenation of electron-poor heterocycles: nicotinic acid derivatives. <i>Journal of Organic Chemistry</i> , 1986, 51, 953-954.	1.7	25
292	Cyclometalation of the platinum metals with nitrogen and alkyl, alkenyl, and benzyl carbon donors. <i>Chemical Reviews</i> , 1986, 86, 451-489.	23.0	411
293	Chemistry of micelles series. Part 2. Cascade molecules. Synthesis and characterization of a benzene[9]3-arborol. <i>Journal of the American Chemical Society</i> , 1986, 108, 849-850.	6.6	208
294	THE CHEMISTRY OF METHANETRICARBOXYLIC ESTERS. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1986, 18, 117-144.	0.6	33
295	A New Route to Macrocycles Possessing the 2,6-Pyridino Subunit <i>via Bis</i>1,3-Dithianes [1]. <i>Israel Journal of Chemistry</i> , 1986, 27, 87-95.	1.0	9
296	Synthesis of metal paddlanes: X-ray structure determination of bis-(methyl nicotinate)copper(II) acetate dimer. <i>Inorganica Chimica Acta</i> , 1986, 114, 21-23.	1.2	10
297	N,N'-dimethyl-N,N'-ethylenebis(nicotinamide). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 1881-1882.	0.4	0
298	Structure of cis-bis(acetonitrile)-dichloroplatinum(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 1643-1644.	0.4	4
299	Dipyridinium bis(hydrogen oxalate)oxalic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 1539-1541.	0.4	5
300	Effect of chelate ring size on the photoanation reaction of polypyridine ruthenium complexes. <i>Journal of Photochemistry and Photobiology</i> , 1985, 31, 199-210.	0.6	14
301	2,6-Bis[(2-phenyl-1,3-dioxolan-2-yl)methyl]pyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1985, 41, 1473-1474.	0.4	0
302	Structure of a 2,2'-bipyridine containing dioxolane and 6-bromopyridine subunits. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1985, 41, 1548-1549.	0.4	0
303	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1985, 6, 77-84.	1.1	7
304	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1985, 6, 451-456.	1.1	5
305	Micelles. Part 1. Cascade molecules: a new approach to micelles. A [27]-arborol. <i>Journal of Organic Chemistry</i> , 1985, 50, 2003-2004.	1.7	1,151
306	Nicotinic acid lariat ethers: syntheses, complexation, and reduction. <i>Journal of Organic Chemistry</i> , 1985, 50, 4238-4245.	1.7	41

#	ARTICLE	IF	CITATIONS
307	Chemistry of heterocyclic compounds series. 110. Synthesis of vinyl derivatives of phenanthroline and bipyridine. <i>Journal of Organic Chemistry</i> , 1985, 50, 3807-3810.	1.7	9
308	Chemistry of heterocyclic compounds. 104. "Obstacle effect" in palladium(II) complexes of tetraamine ligands with terminal pyridyl or picolyl residues. <i>Inorganic Chemistry</i> , 1985, 24, 1001-1006.	1.9	27
309	Chemistry of heterocyclic compounds series. 94. Square-planar cis- and trans-C-palladium(II) complexes of N electron-deficient heteroaromatic ligands. Ligand synthesis, complexation, and spectral analyses and complex interaction with phage PM2 DNA. <i>Inorganic Chemistry</i> , 1985, 24, 811-826.	1.9	55
310	Chemistry of heterocyclic compounds series. 110. Cobalt-60 .gamma.-irradiation: homolytic alkylation of methyl nicotinate. <i>Journal of Organic Chemistry</i> , 1985, 50, 4162-4163.	1.7	5
311	Dichloro[phenyldi(2-pyridyl)phosphine-N,N']cobalt(II) hemiethanolate, [Co(C ₁₆ H ₁₃ N ₂ P)Cl ₂].1/2C ₂ H ₆ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984, 40, 78-80.	0.4	3
312	[2,2-Di(2-pyridyl)-1,3-dioxolane-N,N']dichloropalladium(II), [PdCl ₂ (C ₁₃ H ₁₂ N ₂ O ₂)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984, 40, 1352-1355.	0.4	7
313	Mass spectra of acyclic multidentate ligands containing 2,2'-dipyridine and/or pyridine moieties. <i>Organic Mass Spectrometry</i> , 1984, 19, 590-592.	1.3	8
314	Multidentate ligands containing 2,2'-bipyridine and/or pyridine moieties: structural aspects of their octahedral and pentagonal-bipyramidal complexes. <i>Inorganic Chemistry</i> , 1984, 23, 2400-2408.	1.9	48
315	Chemistry of heterocyclic compounds. 98. Syntheses, conformational studies, and reactions of heteromacrocycles. Bis(2-pyridyl) ketone derivatives. <i>Journal of Organic Chemistry</i> , 1984, 49, 2961-2971.	1.7	19
316	Chemistry of heterocyclic compounds. 102. Carbon-palladium(II) complexes of dialkyl malonates: synthesis, proton and carbon-13 NMR spectroscopy, and single-crystal structure analyses. <i>Organometallics</i> , 1984, 3, 1549-1554.	1.1	36
317	Octahedral complexes derived from a Hexaaza-18-crown-6 ligand: 3,6,12,15-tetramethyl-18 {[N(2,6)-pyridino,N-1.2.1]2-coronand-6}. <i>Inorganica Chimica Acta</i> , 1983, 77, L47-L49.	1.2	12
318	Nicotinic acid crown ethers: synthesis, complexation and reduction. <i>Tetrahedron</i> , 1983, 39, 2001-2008.	1.0	10
319	A redetermination of the structure of 1,1,2,2-tetracarboxymethoxyethane, C ₁₀ H ₁₄ O ₈ , at 145 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1983, 39, 1113-1114.	0.4	0
320	Synthesis, characterization, and complexation of poly(5-vinyl-6,6'-dimethyl-2,2'-bipyridine). <i>Die Makromolekulare Chemie Rapid Communications</i> , 1983, 4, 575-581.	1.1	7
321	Synthesis and structural analysis of trans-bis[2-{1,1-bis(methoxycarbonyl)propyl}pyridine]palladium(II): a novel, stable six-membered organopalladium(II) complex possessing sp ³ -carbon-metal bonds. <i>Organometallics</i> , 1983, 2, 1247-1249.	1.1	15
322	Synthesis and structural aspects of macrocyclic polyamines containing 2,2'-bipyridinyl units(s). <i>Journal of Organic Chemistry</i> , 1983, 48, 4848-4851.	1.7	65
323	18[Hexa(2,6)pyridinocoronand-6]: "Sexipyridine". <i>Journal of the American Chemical Society</i> , 1983, 105, 5956-5957.	6.6	77
324	Dimerization and cycloaddition reactions of a carbomethoxy-substituted cyclopropene. <i>Journal of the American Chemical Society</i> , 1983, 105, 137-139.	6.6	20

#	ARTICLE	IF	CITATIONS
325	Palladium(II) Complexes of Pyridine- and Pyrazine-Based Ligands with Bis(carbon-metal) Bonds. Ligand Synthesis, Complexation, and Crystal Structure 1982. <i>Organometallics</i> , 1983, 2, 785-785.	1.1	1
326	Chemistry of heterocyclic compounds. 77. Molecular tweezer-type ligands. A trigonal-bipyramidal copper(II) [5.8.5] complex: synthesis and single-crystal x-ray structure determination. <i>Inorganic Chemistry</i> , 1983, 22, 171-174.	1.9	23
327	Chemistry of heterocyclic compounds. Part 83. .alpha.-Methyl functionalization of electron-poor heterocycles: 2,9-bis(chloromethyl)-1,10-phenanthroline. Synthesis of a [3.3]cyclophane containing the 1,10-phenanthroline moiety. <i>Journal of Organic Chemistry</i> , 1983, 48, 5112-5114.	1.7	30
328	Crystal and molecular structures of 2,11-dithia- and 1,3,10,12-tetrathia[3.3](2,6)-pyridinophanes. <i>Journal of the American Chemical Society</i> , 1983, 105, 5152-5153.	6.6	36
329	An Anomalous Dealkylation-Acylation of N,N-Dialkylanilines. <i>Heterocycles</i> , 1983, 20, 981.	0.4	4
330	Pyridine with Polyfunctionalized Appendages. <i>Heterocycles</i> , 1983, 20, 390.	0.4	0
331	Pyridinophanes, pyridinocrowns, and pyridinocryptands. <i>Topics in Current Chemistry</i> , 1982, , 79-118.	4.0	19
332	Chemistry of heterocyclic compounds. 81. Palladium(II) complexes of pyridine- and pyrazine-based ligands with trans bis(carbon-metal) bonds. Ligand synthesis, complexation, and crystal structure. <i>Organometallics</i> , 1982, 1, 907-910.	1.1	12
333	Monte Carlo study of macrocyclization to form benzo-crown ethers. <i>Journal of the American Chemical Society</i> , 1982, 104, 5942-5944.	6.6	9
334	On the reaction of lithium diisopropylamide with .pi.-deficient heteroaromatics. A single electron transfer mechanism. <i>Journal of Organic Chemistry</i> , 1982, 47, 599-601.	1.7	52
335	Chemistry of heterocyclic compounds. 72. Nicotinic acid crown ethers. An unexpected facile etherification process. <i>Journal of Organic Chemistry</i> , 1982, 47, 2800-2802.	1.7	12
336	Synthesis, x-ray analysis, and chemical properties of binuclear complexes with trans bis(palladium(II)-carbon) .sigma. bonds and bridging ligands. <i>Journal of the American Chemical Society</i> , 1982, 104, 994-998.	6.6	37
337	Chemistry of heterocyclic compounds. Part 78. Acute bonding deviation in square planar d8-palladium(II) complexes. <i>Journal of the American Chemical Society</i> , 1982, 104, 1782-1783.	6.6	53
338	Chemistry of heterocyclic compounds. Part 80. .alpha.-Methyl functionalization of electron-poor heterocycles. Chloromethyl derivatives of 2,2'-bipyridines. <i>Journal of Organic Chemistry</i> , 1982, 47, 4116-4120.	1.7	76
339	Palladium(II)-C-malonate ester complexes. <i>Inorganica Chimica Acta</i> , 1982, 65, L165-L166.	1.2	10
340	Conformational preference of [4.4.2]-propella-3,8-dienes derived from single-crystal x-ray analysis and molecular mechanics calculations.. <i>Tetrahedron Letters</i> , 1982, 23, 2725-2728.	0.7	3
341	Palladium(II) complexes with trans bis-(carbon-metal) bonds. Ligand syntheses, complexation, x-ray analysis, and biochemical activity with supercoiled DNA. <i>Journal of the American Chemical Society</i> , 1981, 103, 3423-3429.	6.6	45
342	Encircling of water by crown compounds. <i>Journal of the American Chemical Society</i> , 1981, 103, 7376-7378.	6.6	29

#	ARTICLE	IF	CITATIONS
343	Complexes of Pd(II), Pt(II), Cu(II), Co(II) and Zn(II) chlorides with 6,6'-dimethyl-2,2'-dipyridyl. Journal of Inorganic and Nuclear Chemistry, 1981, 43, 1529-1531.	0.5	53
344	Chemistry of heterocyclic compounds. 61. Synthesis and conformational studies of macrocycles possessing 1,8- or 1,5-naphthyridino subunits connected by carbon-oxygen bridges. Journal of Organic Chemistry, 1981, 46, 833-839.	1.7	109
345	Isolation and X-ray crystal structure of a novel dihydroterpyridine dimer formed via an anionic [6 + 4] cycloaddition. Journal of the Chemical Society Chemical Communications, 1981, , 858.	2.0	10
346	The crystal structures of a macrocycle containing 2,6-pyridino and piperazino subunits and of the tetrachlorocobaltate(II) salt of its diprotonated cation. Journal of the Chemical Society Perkin Transactions II, 1981, , 331.	0.9	7
347	The crystal structures of a ketone and related acetal macrocycle containing 2,6-pyridino and polyether subunits. Journal of the Chemical Society Perkin Transactions II, 1981, , 877.	0.9	3
348	18-crown-6-(2,6-Pyridino)1.24.1-coronand-6,16-dione dihydrate. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1981, 37, 2114-2117.	0.4	25
349	Synthesis, conformational novelty, and x-ray crystal structure of the spherical <math>N[0(2,6\text{-pyridino})_2(1,2\text{-}12\text{-}2)]_3\text{cryptand-11}>.. Tetrahedron Letters, 1981, 22, 3035-3038.	0.7	23
350	A convenient synthesis of spherical cryptands by a quaternization-dealkylation procedure.. Tetrahedron Letters, 1981, 22, 3039-3042.	0.7	19
351	Dipyridine Crown Ethers.Synthesis and Conformational Aspects of a Tetraazadithia-18-crown-6 Analog. Heterocycles, 1981, 15, 739.	0.4	8
352	Chemistry of heterocyclic compounds LV Platinum(O) complexes of heterocyclic acetylenes: Bis-Lithiation. Journal of Organometallic Chemistry, 1980, 198, 225-229.	0.8	3
353	Polyorganometallic heterocycles. 2,6-dilithiopyridine. Journal of Organometallic Chemistry, 1980, 186, 147-153.	0.8	30
354	Cyclometallation. Palladium 2-arylpyridine complexes. Journal of Organometallic Chemistry, 1980, 202, 341-350.	0.8	95
355	Bis(4-nitrophenyl) ketone. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1980, 36, 2488-2491.	0.4	2
356	Chemistry of heterocyclic compounds. 55. Synthesis and conformational studies of substituted 1,2-diaryl- and heteroarylbenzenes. Synthesis of benzopyridinocyclophanes. Journal of Organic Chemistry, 1980, 45, 4380-4385.	1.7	18
357	CONVENIENT DEALKYLATION OF QUATERNARY AMMONIUM SALTS. Organic Preparations and Procedures International, 1980, 12, 345-350.	0.6	10
358	An invitro characterization of interstrand cross-links in DNA exposed to the antitumor drug cis-dichlorodiammineplatinum(II). Biochemical and Biophysical Research Communications, 1980, 97, 1220-1226.	1.0	12
359	2,2'-Bipyridyl crown ethers.™ Synthesis and X-ray crystal structure of a cobalt(II) complex. Journal of the Chemical Society Chemical Communications, 1980, .	2.0	24
360	Nicotinic acid crown ethers. Synthesis and structural characterization of polyethereal macrocyclic lactones from 6-chloronicotinic acid. Journal of Organic Chemistry, 1980, 45, 5423-5425.	1.7	8

#	ARTICLE	IF	CITATIONS
361	Macrocyclic inclusion complexes. Synthesis, complexation and x-ray crystal structures of binuclear cation complexes of dipyrindine crown ethers. <i>Journal of the American Chemical Society</i> , 1980, 102, 7608-7610.	6.6	17
362	Pyrolysis of alkyl 2- or 6-alkoxynicotinates. An unexpected decarbalkoxylation reaction. <i>Journal of Organic Chemistry</i> , 1980, 45, 4508-4511.	1.7	5
363	Antitumor agents. Synthesis of novel cis-palladium complexes and their action on supercoiled DNA. <i>Journal of the American Chemical Society</i> , 1980, 102, 4551-4552.	6.6	30
364	Conformational studies of N,N-disubstituted nicotinamides. NMR peak assignments and utilization of shift reagents with 2,6-dichloronicotinamides. <i>Journal of Organic Chemistry</i> , 1980, 45, 629-632.	1.7	6
365	Chemistry of heterocyclic compounds. 54. Nicotinic acid crown ethers. Synthesis of macrocyclic lactones from 2-chloronicotinic acid and polyethylene glycols. Template effect on the cyclization. <i>Journal of Organic Chemistry</i> , 1980, 45, 626-628.	1.7	13
366	Stable palladium(II) complexes with trans-bis- β^3 -acetylacetonato ligands. <i>Inorganica Chimica Acta</i> , 1979, 37, L481-L483.	1.2	13
367	10,22,25,26-Tetraaza-2,5,8,14,17,20-hexaoxatricyclo[19.3.1.19,13]hexacos-1(25),9,11,13(26),21,23-hexaene, trans-O{(CH ₂) ₂ O[2,4-(C ₄ H ₂ N ₂)]O(CH ₂) ₂ } ₂ O, a 2:2 multiheteromacrocyclic possessing 2,4-pyrimidino subunits. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1979, 35, 775-777.	0.4	5
368	Chemistry of heterocyclic compounds. 42. Nicotinic acid crown ethers. Synthesis, reactions, and complexation of nicotinonitrile macrocycles. <i>Journal of Organic Chemistry</i> , 1979, 44, 2693-2697.	1.7	15
369	Anti, longitudinal conformational isomerism in metacyclophanes. <i>Journal of the American Chemical Society</i> , 1979, 101, 7088-7089.	6.6	19
370	Synthesis and x-ray structure of N[(CH ₂) ₂ O(2,6-C ₆ H ₃ N)O(CH ₂) ₂] ₃ N: a D ₃ macrobicyclic ligand capped by two sp ² nitrogen atoms. <i>Journal of the American Chemical Society</i> , 1979, 101, 1047-1048.	6.6	35
371	Chemistry in heterocyclic compounds. 38. Synthesis of biheteroaryls by facile decarbonylation of electron-poor heteroaromatic ketones. <i>Journal of Organic Chemistry</i> , 1979, 44, 1362-1363.	1.7	13
372	Molecular origin of the temperature-dependent NMR spectrum of 1:1 crown ether macrocycles containing a 2,2'-bipyridyl subunit. <i>Journal of the American Chemical Society</i> , 1979, 101, 4477-4480.	6.6	7
373	Chemistry of heterocyclic compounds. 36. Reduction reactions of pyridyl ketones with low valent titanium reagents. <i>Journal of Organic Chemistry</i> , 1979, 44, 502-505.	1.7	25
374	Chemistry of heterocyclic compounds. 43. Nicotinic acid crown ethers. Synthesis and reactions of 2,6-disubstituted N,N-dimethylnicotinamides. <i>Journal of Organic Chemistry</i> , 1979, 44, 2697-2702.	1.7	14
375	Synthesis and temperature-dependent conformational preferences of macrocycles containing the 2,2'-bipyridyl moiety. <i>Journal of the American Chemical Society</i> , 1979, 101, 4472-4477.	6.6	34
376	Chemistry of heterocyclic compounds. 48. Synthesis of multiheteromacrocycles containing the 4,6-pyrimidino moiety connected by carbon-oxygen and/or -sulfur linkages. <i>Journal of Organic Chemistry</i> , 1979, 44, 3812-3816.	1.7	11
377	Structure elucidation of polynitrated 2-aminoperimidines. <i>Journal of Organic Chemistry</i> , 1979, 44, 2582-2585.	1.7	7
378	Chemistry of heterocyclic compounds. 44. Molecular inclusion compounds. Ketonic and spiro heteromacrocycles possessing 2,6-pyridino moieties connected by a carbon-oxygen and/or -sulfur bridge. <i>Journal of Organic Chemistry</i> , 1979, 44, 3816-3826.	1.7	14

#	ARTICLE	IF	CITATIONS
379	Metal ion site complexation of polyfunctional ligands. Nicotinamides with NMR shift reagents.. Tetrahedron Letters, 1978, 19, 4643-4646.	0.7	8
380	Restricted rotation of substituted N,N-dimethylnicotinamides.. Tetrahedron Letters, 1978, 19, 4639-4642.	0.7	2
381	Chemistry of heterocyclic compounds. 27. An improved preparation of pyridyldiphenylphosphines. Journal of Organic Chemistry, 1978, 43, 947-949.	1.7	77
382	A new contractive coupling procedure. Convenient phosphorus expulsion reaction. Journal of the American Chemical Society, 1978, 100, 5567-5568.	6.6	54
383	Authenticity of 2,6-Dichloro-1,5-naphthyridine. Journal of Heterocyclic Chemistry, 1978, 15, 685-685.	1.4	6
384	Catalysis of ester aminolysis by macrocyclic ionophores. Journal of the American Chemical Society, 1978, 100, 3608-3609.	6.6	22
385	Chemistry of heterocyclic compounds. 29. Synthesis and reactions of multihetero macrocycles possessing 2,4-pyrimidino subunits connected by carbon-oxygen and/or-sulfur linkages. Journal of Organic Chemistry, 1978, 43, 3362-3367.	1.7	21
386	Chemistry of heterocyclic compounds. 26. Synthesis and reactions of multiheteromacrocycles possessing 2,6-pyrazino subunits connected by carbon-oxygen and or -sulfur linkages. Journal of Organic Chemistry, 1978, 43, 409-415.	1.7	14
387	Chemistry of heterocyclic compounds. 28. Reactions of halopyridines with mercaptide. Synthesis of multiheteromacrocycles possessing 2,6-pyridino subunits connected by carbon-sulfur linkages. Journal of Organic Chemistry, 1978, 43, 2685-2690.	1.7	15
388	Synthesis of a Novel Macrocyclic System: 1,3,5-Tri[2.6]pyridacyclohexaphane-2,4,6-trione. Heterocycles, 1978, 9, 1555.	0.4	5
389	Chemistry of heterocyclic compounds. 25. Selective metalation of the pyridine nucleus at the 3 position. Journal of Organic Chemistry, 1977, 42, 3524-3527.	1.7	10
390	Radical production from the interaction of closed-shell molecules. 4. 1,4-Diradicals and the isotope effects on the spontaneous polymerization of pentafluorostyrene. Journal of the American Chemical Society, 1977, 99, 6003-6007.	6.6	18
391	Chemistry of heterocyclic compounds. 23. Synthesis of multiheteromacrocycles possessing 2,6-pyridino subunits connected by carbon-oxygen linkages. Journal of Organic Chemistry, 1977, 42, 1500-1508.	1.7	26
392	Construction of synthetic macrocyclic compounds possessing subheterocyclic rings, specifically pyridine, furan, and thiophene. Chemical Reviews, 1977, 77, 513-597.	23.0	182
393	Chemistry of heterocyclic compounds. 22. Condensation reactions of 2-substituted pyridines. Journal of Organic Chemistry, 1976, 41, 2536-2542.	1.7	12
394	Photoelectron spectra of carbonyls. Propellenes and propellanones. The Journal of Physical Chemistry, 1976, 80, 2212-2219.	2.9	18
395	Isosucrose. Definitive structural assignment by spectral correlation to $\hat{1}\pm, \hat{1}^2$ - and $\hat{1}\pm, \hat{1}\pm$ -sucrose octaacetates. Carbohydrate Research, 1976, 48, 1-11.	1.1	11
396	Chemistry of heterocyclic compounds. 18. Transition metal complexes of selected 2-pyridylacetylenes. Journal of Organic Chemistry, 1975, 40, 3759-3762.	1.7	6

#	ARTICLE	IF	CITATIONS
397	Chemistry of heterocyclic compounds. 21. Synthesis of hexa(2-pyridyl)benzene and the related phenyl(2-pyridyl)benzenes. Characterization of corresponding substituted cyclopentenolone intermediates. <i>Journal of Organic Chemistry</i> , 1975, 40, 3514-3518.	1.7	22
398	Chemistry of heterocyclic compounds. 20. Multidentate chelating agents. Pyridine macrocyclic ether synthesis. <i>Journal of the American Chemical Society</i> , 1975, 97, 3232-3234.	6.6	27
399	Synthesis of buta-1,2,3-trienes possessing the 2-pyridyl unit, and a new synthesis of P2I4. <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 885.	2.0	15
400	Chemistry of heterocyclic compounds. 13. Reactions of N-(2-pyridylmethimne)aniline. Evidence of traces of cyanide ion in N,N-dimethylformamide. <i>Tetrahedron Letters</i> , 1974, 15, 691-694.	0.7	16
401	Chemistry of heterocyclic compounds. 16. Isomerization of acetylenic diols: 1,4-di(2-pyridyl)-2-butynediol. <i>Journal of Heterocyclic Chemistry</i> , 1974, 11, 831-832.	1.4	3
402	Chemistry of heterocyclic compounds. 14. Platinum(0) complexes of heterocyclic acetylenes. Synthesis of a stable metallabicyclic. Bis(triphenylphosphine) [di(2-pyridyl)acetylene]platinumdichlorocobalt(II). <i>Journal of the American Chemical Society</i> , 1974, 96, 617-618.	6.6	16
403	Pyrolysis of 2-bis(methylthio)methylpyridine S-oxides. Synthesis of substituted pyridinecarbaldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 410.	2.0	11
404	Chemistry of heterocyclic compounds. 10. Ketalization of 2-pyridylketones under basic conditions. <i>Tetrahedron Letters</i> , 1973, 14, 1599-1602.	0.7	14
405	Chemistry of heterocyclic compounds. 11. Isomerization of acetylenic diols: 1,4-diphenyl-1,4-di(2-pyridyl)-2-butynediol. <i>Tetrahedron Letters</i> , 1973, 14, 2541-2544.	0.7	2
406	Detection of methanesulfonic acid in ethyl methanesulfonate. <i>Analytical Biochemistry</i> , 1973, 54, 307-309.	1.1	7
407	The formation of stable salts of cation free radicals by uranium(V) complexes. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1973, 35, 3467-3480.	0.5	12
408	The preparation and dehydration of 1-benzylcycloalkanols. <i>Journal of Chemical Education</i> , 1973, 50, 372.	1.1	2
409	Chemistry of heterocyclic compounds. 8. One-step synthesis of 2-hydroxy-4H-quinolizin-4-ones. <i>Journal of Organic Chemistry</i> , 1973, 38, 2234-2236.	1.7	5
410	Multidentate chelating agents: macrocyclic azaethers. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 831.	2.0	11
411	Chemistry of heterocyclic compounds. 12. Preparation and reactions of 2-pyridylacetylenes. <i>Journal of Organic Chemistry</i> , 1973, 38, 4461-4463.	1.7	12
412	Photoelectron spectroscopy of cyclic .beta.-diketones and their enolone tautomers. <i>Journal of the American Chemical Society</i> , 1973, 95, 8364-8371.	6.6	33
413	Pyrolysis of ketone N,N,N-trimethylhydrazonium fluoroborates. Evidence for the genesis of pyridines. <i>Journal of Organic Chemistry</i> , 1972, 37, 1329-1336.	1.7	29
414	The chemistry of oxouranium(V)-A novel free radical forming reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1972, , 380.	2.0	3

#	ARTICLE	IF	CITATIONS
415	Synthesis and structure of 2-t-butylcyclohexane-1,3-dione. Journal of the Chemical Society Chemical Communications, 1972, , 905.	2.0	3
416	Chiral cyclic olefins. 1. Synthesis, resolution, and stereochemistry of 5-hydroxy-10-alkyl- $\Delta^1(9)$ -2-octalones. Journal of Organic Chemistry, 1972, 37, 2098-2101.	1.7	10
417	Metal nitrides in organic reactions. II. Reactions of lithium nitride with aromatic aldehydes. Journal of Organic Chemistry, 1972, 37, 1244-1248.	1.7	7
418	A novel synthesis of β^2 -diketo diesters and their analytical potential as chelating agents. Analytica Chimica Acta, 1972, 62, 49-57.	2.6	2
419	Stereochemistry of the 2,2'-methylene-dicycloalkanones. Journal of Organic Chemistry, 1971, 36, 2728-2730.	1.7	4
420	SYNTHESIS OF N-PHENYLTETRAMETHYLSUCCINIMIDE. Organic Preparations and Procedures International, 1971, 3, 271-273.	0.6	0
421	Geometrical isomers of o-substituted acetophenone N,N-dimethylhydrazones. Journal of Organic Chemistry, 1971, 36, 1719-1720.	1.7	9
422	Pyrolytic rearrangements of ketone quaternary hydrazones. Formation of 2,6-diarylpyridines. Challenge, 1970, , 916.	0.4	3
423	The absolute configuration of physostigmine. Tetrahedron, 1969, 25, 1249-1260.	1.0	23
424	Aprotic base-catalysed rearrangements of ketone quaternary hydrazones. Challenge, 1969, , 1227.	0.4	2
425	The absolute configuration of physostigmine (eserine). Application of the nuclear overhauser effect. Challenge, 1969, , 385.	0.4	19
426	Stereochemistry of chorismic acid biosynthesis. Journal of the American Chemical Society, 1969, 91, 5893-5894.	6.6	53
427	Improved preparation of specifically deuterated methyl acrylate. Journal of Organic Chemistry, 1969, 34, 740-741.	1.7	37
428	Thermal rearrangement of n-allyl anhydro bases of quinolines and indolenines. Tetrahedron Letters, 1968, 9, 5059-5062.	0.7	12
429	Pyrolysis of ketone N,N,N -trimethylhydrazonium fluoborates. III. Preparation of fused ring pyridines. Journal of Heterocyclic Chemistry, 1967, 4, 427-430.	1.4	6
430	Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction. Journal of Organic Chemistry, 1966, 31, 677-681.	1.7	80
431	2,6-Diarylpyridines from the Pyrolyses of Phenone Hydrazonium Fluoroborates. Journal of the American Chemical Society, 1966, 88, 3654-3655.	6.6	4