

# George R Newkome

## List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/487810/george-r-newkome-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

455  
papers

17,536  
citations

66  
h-index

115  
g-index

493  
ext. papers

18,451  
ext. citations

7.2  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
455	Eight-membered and larger rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2021</b> , 33, 583-598	0.8	0
454	Characterization of Supramolecular Polymers <b>2021</b> , 453-502	0	0
453	Supramolecular Polymers, Based on Electronic Interactions <b>2021</b> , 195-237	0	0
452	Supramolecular Polymers, Based on Metal-to-Ligand Interactions* <b>2021</b> , 117-194	0	0
451	Supramolecular Polymers, Formed by Orthogonal Non-covalent Interactions* <b>2021</b> , 415-452	0	0
450	Ruthenodendrimers <b>2021</b> , 275-336	0	0
449	Supramolecular Polymers, Based on Cucurbiturils <b>2021</b> , 275-299	0	0
448	Versatile Applications of Metallocopolymers. <i>Progress in Polymer Science</i> , <b>2021</b> , 119, 101428	29.6	4
447	Polymers Incorporating Ru Complexes <b>2021</b> , 15-185	0	0
446	Sierpiński Pyramids by Molecular Entanglement. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5526-5530	16.4	11
445	Giant Truncated Metallo-Tetrahedron with Unexpected Supramolecular Aggregation Induced Emission Enhancement. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7987-7994	16.4	21
444	Intra- and intermolecular self-assembly of a 20-nm-wide supramolecular hexagonal grid. <i>Nature Chemistry</i> , <b>2020</b> , 12, 468-474	17.6	47
443	Route to Useful Metallomonomers: Step-Wise Construction of Bimetallic Triangles by Site-Specific Metalation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 153-158	3.2	2
442	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2020</b> , 649-669	0.8	5
441	Assembling Shape-Persistent High-Order Sierpiński Triangular Fractals. <i>IScience</i> , <b>2020</b> , 23, 101064	6.1	7
440	Concentration dependent supramolecular interconversions of triptycene-based cubic, prismatic, and tetrahedral structures. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14189-14194	4.3	11
439	Terpyridine-based metallosupramolecular constructs: tailored monomers to precise 2D-motifs and 3D-metallocages. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 3991-4016	58.5	196

438	A Long Pathway to the Quantitative Assembly of Metallocendrimers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2018</b> , 28, 360-368	3.2	11
437	Titelbild: Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures (Angew. Chem. 43/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14133-14133	3.6	
436	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2018</b> , 30, 551-572	0.8	
435	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14312-14316	3.6	1
434	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14116-14120	16.4	24
433	Supramolecular arrays by the self-assembly of terpyridine-based monomers with transition metal ions. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7528-7533	4.3	9
432	Amphiphilic [tpy-MII-tpy] metallotriangles: synthesis, characterisation and hierarchical ordering. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 69-79	1.8	6
431	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> , <b>2017</b> , 139, 3012-3020	16.4	50
430	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , <b>2017</b> , 8, 15476	17.4	42
429	Supercharged, Precise, Megametallocendrimers via a Single-Step, Quantitative, Assembly Process. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15652-15655	16.4	29
428	Metallosupramolecular 3D assembly of dimetallic Zn[RuL] and trimetallic FeZn[RuL]. <i>Chemical Communications</i> , <b>2017</b> , 53, 11087-11090	5.8	16
427	Constructing High-Generation Sierpiński Triangles by Molecular Puzzling. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11450-11455	16.4	40
426	Constructing High-Generation Sierpiński Triangles by Molecular Puzzling. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11608-11613	3.6	10
425	Stepwise, multicomponent assembly of a molecular trapezoid possessing three different metals. <i>Chemical Communications</i> , <b>2017</b> , 53, 8038-8041	5.8	8
424	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2017</b> , 635-655	0.8	1
423	Electrical properties of FeII-terpyridine-Modified cellulose nanocrystals and polycaprolactone/FeII-CTP nanocomposites. <i>Polymer Composites</i> , <b>2016</b> , 37, 2734-2743	3	8
422	Programmed Molecular Engineering: Stepwise, Multicomponent Assembly of a Dimetallic Metallotriangulane. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 5091-5095	3.2	12
421	Hydrophobic-Driven, Metallomacrocyclic Assembly Towards Quantitative Construction. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1671-1677	2.3	5

420	Coordination-Driven, Self-Assembly of a Polycyclic, Terpyridine-Based Nanobelt. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2016</b> , 26, 907-913	3.2	7
419	3D helical and 2D rhomboidal supramolecules: stepwise self-assembly and dynamic transformation of terpyridine-based metallo-architectures. <i>Chemical Communications</i> , <b>2016</b> , 52, 9773-6	5.8	19
418	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2016</b> , 28, 623-644	0.8	1
417	Self-assembly of nanotubes and ordered mesostructures using weak interactions. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 907-912	1.8	
416	Controlled Interconversion of Superposed-Bistriangle, Octahedron, and Cubooctahedron Cages Constructed Using a Single, Terpyridinyl-Based Polyligand and Zn(2.). <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 12344-7	16.4	39
415	Progress in Heterocyclic Metallosupramolecular Construction. <i>Advances in Heterocyclic Chemistry</i> , <b>2016</b> , 195-236	2.4	5
414	Multicomponent reassembly of terpyridine-based materials: quantitative metallomacrocyclic rearrangement. <i>Chemical Communications</i> , <b>2015</b> , 51, 12851-4	5.8	17
413	Facile thermodynamic conversion of a linear metallocopolymer into a self-assembled hexameric metallomacrocycle. <i>Chemical Communications</i> , <b>2015</b> , 51, 5766-9	5.8	39
412	New supramolecular metallo-terpyridine carboxymethyl cellulose derivatives with antimicrobial properties. <i>Carbohydrate Polymers</i> , <b>2015</b> , 116, 2-8	10.3	25
411	From 1 -> 3 dendritic designs to fractal supramacromolecular constructs: understanding the pathway to the Sierpiński gasket. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 3954-67	58.5	118
410	Macromol. Rapid Commun. 17/2015. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 1616-1616	4.8	
409	Precise Molecular Fission and Fusion: Quantitative Self-Assembly and Chemistry of a Metallo-Cubooctahedron. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9356-9361	3.6	20
408	Group 8 Metallomacrocycles [Synthesis, Characterization, and Stability. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5662-5668	2.3	11
407	Precise Molecular Fission and Fusion: Quantitative Self-Assembly and Chemistry of a Metallo-Cubooctahedron. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9224-9	16.4	70
406	Characterization of Metallosupramolecular Polymers by Top-Down Multidimensional Mass Spectrometry Methods. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 1539-52	4.8	27
405	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2015</b> , 27, 575-597	0.8	1
404	A TpyRu <sup>II</sup> -based bismetallocopolymer and its performance in catalytic water oxidation (Tpy = 4-(p-methoxyphenyl)-2,2':6',2''-terpyridine). <i>Dalton Transactions</i> , <b>2015</b> , 44, 11269-73	4.3	7
403	Perylene-Based, Bis(terpyridine)-Ru(II) Complexes: Synthesis, Electrochemical and Photovoltaic Properties. <i>Heterocycles</i> , <b>2015</b> , 90, 502	0.8	1

402	Directed flexibility: self-assembly of a supramolecular tetrahedron. <i>Chemical Communications</i> , <b>2015</b> , 51, 3820-3	5.8	23
401	Preparation of dendritic adamantane-based polymers/layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , <b>2014</b> , 54, 2669-2675	2.3	3
400	Dendronized Cellulose Nanocrystals as Templates for Preparation of ZnS and CdS Quantum Dots. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2014</b> , 51, 743-749	2.2	8
399	Self-assembly of a family of suprametallomacrocycles: revisiting an o-carborane bisterpyridyl building block. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9604-11	4.3	45
398	Effects of molecular geometry on the self-assembly of giant polymer-dendron conjugates in condensed state. <i>Soft Matter</i> , <b>2014</b> , 10, 3200-8	3.6	11
397	One ligand in dual roles: self-assembly of a bis-rhomboidal-shaped, three-dimensional molecular wheel. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 13094-8	4.8	20
396	Conductive water/alcohol-soluble neutral fullerene derivative as an interfacial layer for inverted polymer solar cells with high efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 14189-95	9.5	21
395	One-step multicomponent self-assembly of a first-generation Sierpiński triangle: from fractal design to chemical reality. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12182-5	16.4	78
394	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> , <b>2014</b> , 136, 8165-8	16.4	70
393	Reversible Self-Assembly of Terpyridine-Functionalized Graphene Oxide for Energy Conversion. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1439-1443	3.6	3
392	Towards molecular construction platforms: synthesis of a metallotricyclic spirane based on bis(2,2':6',2"-terpyridine)Rull connectivity. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11291-4	4.8	23
391	Probing a hidden world of molecular self-assembly: concentration-dependent, three-dimensional supramolecular interconversions. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 18149-55	16.4	87
390	One-Step Multicomponent Self-Assembly of a First-Generation Sierpiński Triangle: From Fractal Design to Chemical Reality. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 12378-12381	3.6	14
389	Reversible self-assembly of terpyridine-functionalized graphene oxide for energy conversion. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1415-9	16.4	71
388	Synthesis of polymer-clay nanocomposites of some vinyl monomers by surface-initiated atom transfer radical polymerization. <i>Designed Monomers and Polymers</i> , <b>2013</b> , 16, 528-536	3.1	13
387	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2013</b> , 497-517	0.8	1
386	Preparation of different dendritic-layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, n/a-n/a	2.3	2
385	Self-Assembly and Characterization of 3D Metallamacrocycles: A Study of Supramolecular Constitutional Isomers. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2492-2497	2.3	17

384	Self-assembly of a supramolecular, three-dimensional, spoked, bicycle-like wheel. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7728-31	16.4	73
383	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> , <b>2013</b> , 2013, 3640-3644	3.2	15
382	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> , <b>2013</b> , 110, 10078-83	11.5	180
381	Self-Assembly of a Supramolecular, Three-Dimensional, Spoked, Bicycle-like Wheel. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7882-7885	3.6	10
380	From dendrimers to fractal polymers and beyond. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 67-84	1.8	4
379	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> , <b>2012</b> , 177, 350-358	3.1	50
378	Dendronized Bi-2-quinoline Ligands and Their Metal Complexes: Dendron Synthesis and Metallocassembly. <i>Heterocycles</i> , <b>2012</b> , 84, 1023	0.8	2
377	Supramolecular Dendrimer Chemistry <b>2012</b> ,		4
376	Shape-persistent, ruthenium(II)- and iron(II)-bisterpyridine metallocopolymers: synthesis, traveling-wave ion-mobility mass spectrometry, and photophysical properties. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 484	3.6	16
375	Stable, trinuclear Zn(II)- and Cd(II)-metallocycles: TWIM-MS, photophysical properties, and nanofiber formation. <i>Dalton Transactions</i> , <b>2012</b> , 41, 11573-5	4.3	36
374	New Metallo-Supramolecular Terpyridine-Modified Cellulose Functional Nanomaterials. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2012</b> , 49, 298-305	2.2	15
373	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. <i>Chemical Communications</i> , <b>2012</b> , 48, 9873-5	5.8	45
372	Dondorff rings: synthesis, isolation, and properties of 60°-directed bisterpyridine-based folded tetramers. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 11569-72	4.8	29
371	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> , <b>2012</b> , 12, 158-75	3	46
370	Stoichiometric self-assembly of isomeric, shape-persistent, supramacromolecular bowtie and butterfly structures. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7672-5	16.4	90
369	Synthesis, Properties, and Applications of Functionalized 2,2':6?,2?-Terpyridines <b>2011</b> , 13-63		2
368	Chemistry and Properties of Terpyridine Transition Metal Ion Complexes <b>2011</b> , 65-127		6
367	Terpyridine Metal Complexes and their Biomedical Relevance <b>2011</b> , 319-397		

366	Design, synthesis, and traveling wave ion mobility mass spectrometry characterization of iron(II)- and ruthenium(II)-terpyridine metallocyclics. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11967-76	16.4	136
365	A rigid metallohexameric macrocycle composed of endo- and exo-cyclic bisterpyridine-metal complexes. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 2130	3.6	11
364	<b>2011,</b>		121
363	Conjugated Polymers Incorporating Terpyridine Metal Complexes <b>2011</b> , 199-239		
362	Functional Polymers Incorporating Terpyridine-Metal Complexes <b>2011</b> , 241-318		1
361	Terpyridines and Nanostructures <b>2011</b> , 399-457		
360	Catalytic Applications of Terpyridines and Their Transition Metal Complexes <b>2011</b> , 459-505		1
359	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , <b>2011</b> , 3, 1384-1406	5.2	115
358	Terpyridine-functionalized surfaces: redox-active, switchable, and electroactive nanoarchitecturesland. <i>Advanced Materials</i> , <b>2011</b> , 23, 3484-98	24	85
357	The marriage of terpyridines and inorganic nanoparticles: synthetic aspects, characterization techniques, and potential applications. <i>Advanced Materials</i> , <b>2011</b> , 23, 5728-48	24	73
356	Dendron-functionalized bis(terpyridine)-iron(II) or -cadmium(II) metallocyclics: synthesis, traveling-wave ion-mobility mass spectrometry, and photophysical properties. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4830-8	4.8	34
355	Towards larger polygonal architectures: synthesis and characterization of iron(II)- and ruthenium(II)-bis(terpyridine) metallocyclics. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7750-4	4.8	49
354	Sterically congested, hexameric tetrakispyridinyl-Pd(II)/Cd(II)-metallocyclics: self-assembly and structural characterization. <i>Chemical Communications</i> , <b>2011</b> , 47, 4658-60	5.8	30
353	Novel Twofold Interpenetrating Channel Framework Based on Metal Tetramer Subunits. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 2695-2697	3.5	5
352	Separation and characterization of metallosupramolecular libraries by ion mobility mass spectrometry. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 6667-74	7.8	52
351	Stoichiometric self-assembly of shape-persistent 2D complexes: a facile route to a symmetric supramolecular spoked wheel. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11450-3	16.4	126
350	Gradient tandem mass spectrometry interfaced with ion mobility separation for the characterization of supramolecular architectures. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 1284-90	7.8	80
349	Metallo-Supramolecular Architectures Based on Terpyridine Complexes <b>2011</b> , 129-197		1

348	Hexameric Macroyclic Architectures in Heterocyclic Chemistry. <i>Advances in Heterocyclic Chemistry</i> , <b>2010</b> , 1-74	2.4	11
347	Ultrafast time-resolved spectroscopy of self-assembled cyclic Fe(II)-bisterpyridine complexes. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 11731-6	3.4	11
346	Dendrimers derived from 1 → 3 branching motifs. <i>Chemical Reviews</i> , <b>2010</b> , 110, 6338-442	68.1	301
345	Unexpected isolation of a pentameric metallomacrocycle from the Fe(II)-mediated complexation of 120 degrees juxtaposed 2,2':6',2''-terpyridine ligands. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1768-71	4.8	55
344	Self-assembly, disassembly, and reassembly of gold nanorods mediated by bis(terpyridine)-metal connectivity. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4164-8	4.8	43
343	Hexameric palladium(II) terpyridyl metallomacrocycles: assembly with 4,4'-bipyridine and characterization by TWIM mass spectrometry. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6539-44	16.4	65
342	Shape-Persistent, Truxene-Based, Nano-Sized Bisterpyridine Ruthenium(II) Complexes: Synthesis and Photophysical Properties. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 850-5	4.8	24
341	Self-assembly and traveling wave ion mobility mass spectrometry analysis of hexacadmium macrocycles. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16395-7	16.4	142
340	Construction of hexanuclear macrocycles by a coupling strategy from polyfunctionalized bis(terpyridines). <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 345-357	3.6	18
339	Synthesis, characterization, and self-assembled nanofibers of carbohydrate-functionalized mono- and di(2,2':6',2''-terpyridinyl)arenes. <i>Chemical Communications</i> , <b>2009</b> , 6928-30	5.8	14
338	Carbocyclic Annelated Pyridines. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , <b>2008</b> , 253-445	4	
337	Dendritic macromolecules for organic light-emitting diodes. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 2543-57	8.5	204
336	Synthetic and Natural Sources of the Pyridine Ring. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , <b>2008</b> , 1-252	4	
335	Pyridine Coordination Compounds with Transition Metals. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , <b>2008</b> , 186-2067	1	
334	Square-planar Pd(II), Pt(II), and Au(III) terpyridine complexes: their syntheses, physical properties, supramolecular constructs, and biomedical activities. <i>Chemical Reviews</i> , <b>2008</b> , 108, 1834-95	68.1	521
333	Clicking Fullerene with Polymers: Synthesis of [60]Fullerene End-Capped Polystyrene. <i>Macromolecules</i> , <b>2008</b> , 41, 515-517	5.5	109
332	Surface properties of a series of amphiphilic dendrimers with short hydrophobic chains. <i>Langmuir</i> , <b>2008</b> , 24, 1858-62	4	9
331	Chapter 8 Eight-membered and larger rings. <i>Progress in Heterocyclic Chemistry</i> , <b>2008</b> , 19, 465-483	0.8	1

330	Self-Assembly of Shape-Persistent Hexagonal Macrocycles with Trimeric Bis(terpyridine)Hell Connectivity. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 3328-3334	3.2	19
329	Dendrimer-Metallomacrocycle Composites: Nanofiber Formation by Multi-Ion Pairing. <i>Advanced Materials</i> , <b>2008</b> , 20, 1381-1385	24	35
328	Poly(amidoamine), polypropylenimine, and related dendrimers and dendrons possessing different 1->2 branching motifs: An overview of the divergent procedures. <i>Polymer</i> , <b>2008</b> , 49, 1-173	3.9	326
327	Synthesis of a water-soluble hexameric metallomacrocycle and its oxidized single-wall carbon nanotube composite. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 3023-3029		13
326	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> , <b>2007</b> , 40, 3644-3649	5.5	15
325	Recent progress and applications for metallocendrimers. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1192	3.6	190
324	Synthesis and photophysical properties for fluorescent hexameric metallomacrocycles: Zinc(II)-mediated self-assembly of bis(terpyridine) ligands. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 1780-1784	2.7	27
323	5,10,15,20-Tetrakis[4'-(terpyridinyl)phenyl]porphyrin and its Rull complexes: synthesis, photovoltaic properties, and self-assembled morphology. <i>Chemical Communications</i> , <b>2007</b> , 4456-8	5.8	22
322	Design, characterization, and X-ray structure of an interlocked dinuclear chair-like metallomacrocycle: [Fe(II)2(3,5-bis(2,2':6',2"-terpyridin-4'-phen-3-yl)toluene)2][4PF6-]. <i>Dalton Transactions</i> , <b>2007</b> , 626-8	4.3	17
321	Mass spectrometry analysis of organometallic assemblies: Bis-terpyridine-Ru(II) connectivity. <i>International Journal of Mass Spectrometry</i> , <b>2006</b> , 255-256, 86-92	1.9	25
320	Design, synthesis, and characterization of conifer-shaped dendritic architectures. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3726-34	4.8	19
319	Formation of a Series of [[Methylphenylenebis(terpyridine)]nRulln] (n = 2) Oligomers in a Single-Pot Reaction. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 4193-4200	3.2	14
318	Construction of a Hexameric Zn(II)-metallomacrocycle and its Photo- and Electroluminescence Properties: [Zn6(O-hexyl-3,5-bis(2,2':6',2"-terpyridine)phenol)6(BF4)12]. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 1809-1813	4.8	22
317	Sensitized Solar Cells based on Hexagonal Dyes of Terpyridine-Ruthenium(II): Effect of the Electropolymerization of Dyes during their Performance in Solar Cells. <i>ECS Transactions</i> , <b>2006</b> , 3, 1-5	1	3
316	Synthesis of 5-substituted 1,3-[bis(2,2':6',2"-terpyridin-4'-ylethynyl)]benzene ligands and their coordination-driven self-assembly. <i>Designed Monomers and Polymers</i> , <b>2006</b> , 9, 413-424	3.1	11
315	TerpyridineCull Polycarboxylate Crystal Reorganization to One- and Two-Dimensional Nanostructures: Crystal Disassembly and Reassembly. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1563-1565	3.5	20
314	Design, synthesis and photoelectrochemical properties of hexagonal metallomacrocycles based on triphenylamine: [M6(4,4'-bis(2,2':6',2"-terpyridinyl)triphenylamine)6(X)12]; [M = Fe(II), PF6- and Zn(II), BF4-]. <i>Dalton Transactions</i> , <b>2006</b> , 3518-22	4.3	28
313	TerpyridineCull-mediated reversible nanocomposites of single-wall carbon nanotubes: towards metallo-nanoscale architectures. <i>Chemical Communications</i> , <b>2006</b> , 1091-3	5.8	67

312	Construction of CdS quantum dots via a regioselective dendritic functionalized cellulose template. <i>Chemical Communications</i> , <b>2006</b> , 3495-7	5.8	30
311	Dendron-tethered and templated CdS quantum dots on single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7505-9	16.4	80
310	Synthesis and single-crystal X-ray characterization of 4,4"-functionalized 4'-(4-bromophenyl)-2,2':6',2"-terpyridines. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 1009-14	4.2	64
309	Functional Nanohybrids Constructed via Complexation of Multiwalled Carbon Nanotubes with Novel Hexameric Metallomacrocycles. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 4019-4024	9.6	35
308	Nanoassembly of a fractal polymer: a molecular "Sierpinski hexagonal gasket". <i>Science</i> , <b>2006</b> , 312, 1782-5	3.3	245
307	<b>2006,</b>		270
306	New Functional Polymers Incorporating Terpyridine Metal Complexes <b>2006</b> , 131-170		1
305	Chemistry and Properties of Terpyridine Metal Complexes <b>2006</b> , 37-68		4
304	Syntheses of Functionalized 2,2?:6?,2?-Terpyridines <b>2006</b> , 7-35		1
303	Metallo-Supramolecular Terpyridine Architectures <b>2006</b> , 69-130		4
302	Metalodendrimers: Fractals and Photonics. <i>ACS Symposium Series</i> , <b>2006</b> , 186-204	0.4	4
301	Some Structural Observations of Self-Assembled, Fibrillar Gels Composed of Two-Directional Bolaform Arborols. <i>ACS Symposium Series</i> , <b>2006</b> , 370-383	0.4	2
300	Metalodendrimers and Their Potential Utilitarian Applications <b>2006</b> , 399-438		1
299	Functional 3-D Architectures Based on Terpyridine Complexes <b>2006</b> , 171-197		
298	Surfaces Modified with Terpyridine Metal Complexes <b>2006</b> , 199-218		1
297	[6,6?-Bis(chloromethyl)-2,2?-bipyridyl]dichlorocobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, m1522-m1523		1
296	Tetramethyl 2,6-dioxoadamantane-1,3,5,7-tetracarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o3280-o3281		
295	A tripyridylthioether macrocycle: (14,17-dithia-22,23,24-triazatetracyclo[16.3.1.13,7.19,13]tetracosa-1(22),3,5,7(24),9,11,13(23),18,20-nonaene-2,8-dione <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o4952-o4954		

294	Helical and polymeric nanostructures assembled from benzene tri- and tetracarboxylic acids associated with terpyridine copper(II) complexes. <i>Chemical Communications</i> , <b>2005</b> , 465-7	5.8	51
293	Terpyridine copper(II)-polycarboxylic acid architectures: formation of dimeric, helical, and cyclic nanostructures and their included-water molecule motifs. <i>Chemical Communications</i> , <b>2005</b> , 4405-7	5.8	37
292	Design, self-assembly, and photophysical properties of pentameric metallomacrocycles: [M5(N-hexyl[1,2-bis(2,2':6',2"-terpyridin-4-yl)]carbazole)5][M = Fe(II), Ru(II), and Zn(II)]. <i>Chemical Communications</i> , <b>2005</b> , 4672-4	5.8	77
291	Small-angle neutron scattering studies of charged carboxyl-terminated dendrimers in solutions. <i>Langmuir</i> , <b>2005</b> , 21, 2737-42	4	9
290	Convenient synthesis of 1 → 3 C-branched dendrons. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 4893-6	4.2	29
289	Construction of triangular metallomacrocycles: [M3(1,2-bis(2,2':6',2"-terpyridin-4-yl-ethynyl)benzene)3][M = Ru(II), Fe(II), 2Ru(II)Fe(II)]. <i>Chemical Communications</i> , <b>2005</b> , 713-5	5.8	64
288	Regioselective combinatorial-type synthesis, characterization, and physical properties of dendronized cellulose. <i>Polymer</i> , <b>2005</b> , 46, 8947-8955	3.9	39
287	Nanofabrication: reversible self-assembly of an imbedded hexameric metallomacrocycle within a macromolecular superstructure. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1679-83	16.4	98
286	Nanofabrication: Reversible Self-Assembly of an Imbedded Hexameric Metallomacrocycle within a Macromolecular Superstructure. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 1707-1711	3.6	18
285	Formation of Diruthenium(II) Complexes Containing 2,2';6',2'''-Terpyridine Domains Possessing Rotationally Restricted Connectivity: The Influence of Shape-Persistence. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2005</b> , 15, 459-467	3.2	1
284	Dendrimers <b>2004</b> , 432-440		3
283	Thermal behavior of metallocendrimers possessing bis(terpyridinyl)Ru(II) connectivity and different surface functionality. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 1487-1495	2.6	5
282	Synthesis of 2,2'-Bipyridines: Versatile Building Blocks for Sexy Architectures and Functional Nanomaterials. <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 235-254	3.2	161
281	Regioselective Dendritic Functionalization of Cellulose. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 1999-2002	4.8	45
280	Towards ordered architectures: self-assembly and stepwise procedures to the hexameric metallomacrocycles [arylbis(terpyridinyl)6FeI6-n-RuII] (n=0,2,3,5). <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1493-500	4.8	82
279	Capillary microextraction on sol-gel dendrimer coatings. <i>Journal of Chromatography A</i> , <b>2004</b> , 1034, 1-11	4.5	57
278	Synthesis, X-ray structure, and self-assembly of functionalized bis(2,2':6',2''-terpyridinyl)arenes. <i>Organic Letters</i> , <b>2004</b> , 6, 1197-200	6.2	39
277	Synthesis of Neutral Metallocendrimers Possessing Adamantane Termini: Supramolecular Assembly with β-Cyclodextrin. <i>Macromolecules</i> , <b>2004</b> , 37, 6268-6274	5.5	28

276	Effect of Electric Field on the Mobility of Carboxyl-Terminated Dendrimers. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 10168-10171	3.4	25
275	Synthesis of Water-Soluble, Ester-Terminated Dendrons and Dendrimers Containing Internal PEG Linkages. <i>Macromolecules</i> , <b>2004</b> , 37, 8262-8268	5.5	19
274	Bolaamphiphiles: Golf Balls to Fibers <b>2003</b> , 382-390		
273	Unimolecular micelles: supramolecular use of dendritic constructs to create versatile molecular containers. <i>Comptes Rendus Chimie</i> , <b>2003</b> , 6, 715-724	2.7	80
272	Linear Analogues of Acid- and Ester-Terminated Polyamido Dendrimers: Design, Syntheses, and Physical Properties. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 3666-3672	3.2	11
271	Routes to metalodendrimers: synthesis of isomeric neutral metallomacromolecules based on bis(2,2':6',2"-terpyridine)ruthenium(II) connectivity. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 3367-74	4.8	20
270	Metalodendrimers: homo- and heterogeneous tier construction by bis(2,2':6',2"-terpyridinyl)Ru(II) complex connectivity. <i>Tetrahedron</i> , <b>2003</b> , 59, 3955-3964	2.4	24
269	Synthesis, spectroscopic and electrochemical investigation of some new stilbazolium dyes. <i>Dyes and Pigments</i> , <b>2003</b> , 58, 227-237	4.6	12
268	Syntheses of New 1 -> (2 + 1)C-Branched Monomers for the Construction of Multifunctional Dendrimers. <i>Macromolecules</i> , <b>2003</b> , 36, 4345-4354	5.5	29
267	Hexagonal terpyridine--ruthenium and -iron macrocyclic complexes by stepwise and self-assembly procedures. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 2946-54	4.8	110
266	Improved synthesis of an ethereal tetraamine core for dendrimer construction. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 3957-60	4.2	17
265	Synthesis and characterization of immobilized dendritic silica surfaces. <i>Designed Monomers and Polymers</i> , <b>2002</b> , 5, 67-77	3.1	13
264	Spirometalodendrimers: terpyridine-based intramacromolecular cyclization upon complexation. <i>Chemical Communications</i> , <b>2002</b> , 2164-5	5.8	26
263	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> , <b>2002</b> , 201-210		1
262	Synthesis of benzyl-terminated dendrons for use in high-resolution capillary gas chromatography. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 7537-7541	2	22
261	Paramagnetic cobalt(II) as an NMR probe of dendrimer structure: mobility and cooperativity of dendritic arms. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 8583-92	16.4	58
260	Anthraquinone-based extended dendritic monomers: electrochemical comparisons. <i>Designed Monomers and Polymers</i> , <b>2000</b> , 3, 17-24	3.1	3
259	Poly(polyoxometalate) Dendrimers: Molecular Prototypes of New Catalytic Materials This work was supported by the U.S. Army Research Office. We thank Dr. G. R. Baker for providing the dendritic samples and Dr. Ira A. Weinstock for discussions. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 1771-1774	16.4	156

258	Surface modification of activated polymeric matrices by dendritic attachments. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 2779-2786	2.5	16
257	Electroactive Metallomacromolecules via Tetrabis(2,2':6,2'''-terpyridine)ruthenium(II) Complexes: Dendritic Nanonetworks toward Constitutional Isomers and Neutral Species without External Counterions. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9993-10006	16.4	52
256	Counterion Binding on Charged Spheres: Effect of pH and Ionic Strength on the Mobility of Carboxyl-Terminated Dendrimers. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 898-904	3.4	76
255	Electroactive, Internal Anthraquinonoid Dendritic Cores(1). <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 1643-1649	16.4	15
254	Two-directional dendritic macromolecules based on a 3,4-dihydrothiophene S,S-dioxide core: synthesis and thermolysis. <i>Arkivoc</i> , <b>2000</b> , 2000, 210-217	0.9	6
253	Dendrimer construction and macromolecular property modification via combinatorial methods <b>1999</b> , 61, 243-253		25
252	Molecular relaxations in ester-terminated, amide-based dendrimers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1999</b> , 37, 2025-2038	2.6	29
251	Design, Syntheses, Complexation, and Electrochemistry of Polynuclear Metalodendrimers Possessing Internal Metal Binding Loci. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 1445-1451	4.8	25
250	Self- and Directed Assembly of Hexaruthenium Macrocycles. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 3717-3721	16.4	108
249	Suprasupermolecules with Novel Properties: Metalodendrimers. <i>Chemical Reviews</i> , <b>1999</b> , 99, 1689-174668.1	815	
248	Neutral highly branched metallomacromolecules: incorporation of a (2,2':6,2'''-terpyridine)ruthenium(II) complex without external counterions. <i>Chemical Communications</i> , <b>1999</b> , 27-28	5.8	8
247	A Tailored Approach to the Syntheses of Electroactive Dendrimers Based on Diaminoanthraquinones1. <i>Macromolecules</i> , <b>1999</b> , 32, 6782-6791	5.5	16
246	NMR Study of Dendrimer Structures Using Paramagnetic Cobalt(II) as a Probe. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 4498-4502	5.1	29
245	Complex Formation by Electrostatic Interaction between Carboxyl-Terminated Dendrimers and Oppositely Charged Polyelectrolytes <i>Langmuir</i> , <b>1999</b> , 15, 4245-4250	4	62
244	Interaction of a Polycation with Small Oppositely Charged Dendrimers. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 2347-2354	3.4	58
243	Synthesis of Palladium(II) Cyclometalated Complexes of 2-BETA-Disubstituted Ethenyl-8-quinolinols and Steric Interactions of Adjacent Substituents on Chelate Ring Stability.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , <b>1999</b> , 1099, 151-160	4	
242	. <i>European Journal of Organic Chemistry</i> , <b>1998</b> , 1998, 2573-2581	3.2	12
241	Isocyanate-Based Dendritic Building Blocks: Combinatorial Tier Construction and Macromolecular-Property Modification. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 307-310	16.4	57

240	[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> , <b>1998</b> , 54, 1439-1441	9
239	Construction of Dendritic Assemblies: A Tailored Approach to Isomeric Metallomacromolecules by Means of Bis(2,2':6,2''-terpyridine)ruthenium(II) Connectivity. <i>Macromolecules</i> , <b>1998</b> , 31, 4382-4386	5.5 49
238	Vapocconductivity/Sorption of Organic Vapors Causes Large Increases in the Conductivity of a Dendrimer. <i>Chemistry of Materials</i> , <b>1998</b> , 10, 1751-1754	9.6 41
237	Molecular recognition using $\beta$ -cyclodextrin-modified dendrimers: novel building blocks for convergent self-assembly. <i>Chemical Communications</i> , <b>1998</b> , 1821-1822	5.8 39
236	Supramolecular Chemistry within Dendritic Structures. <i>Topics in Current Chemistry</i> , <b>1998</b> , 19-77	65
235	Suprasupermolecular chemistry: the chemistry within the dendrimer. <i>Pure and Applied Chemistry</i> , <b>1998</b> , 70, 2337-2343	2.1 66
234	Syntheses of 1 -> 3 branched isocyanate monomers for dendritic construction. <i>Designed Monomers and Polymers</i> , <b>1998</b> , 1, 3-14	3.1 24
233	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> , <b>1998</b> , 48, 2141	0.8 8
232	Crystal Structure of Pyridine(2-{3,3-bis(carbethoxy)propyl}-8-quinolinol-C,N,O)platinum(II) and Characterization of (Pt)C-Bonding Substituents.. <i>Analytical Sciences</i> , <b>1997</b> , 13, 877-879	1.7 4
231	Approaches towards specifically functionalized cascade macromolecules: dendrimers with incorporated metal binding sites and their palladium(ii) and copper(ii) complexes. <i>Chemical Communications</i> , <b>1997</b> , 515-516	5.8 18
230	Detection and Functionalization of Dendrimers Possessing Free Carboxylic Acid Moieties 1. <i>Macromolecules</i> , <b>1997</b> , 30, 2300-2304	5.5 39
229	Synthesis and Chemistry of Novel Dendritic Macromolecules Possessing Internal Electroactive Anthraquinonoid Moieties. <i>Macromolecules</i> , <b>1997</b> , 30, 5187-5191	5.5 25
228	Synthesis of Unsymmetrical 5,5'-Disubstituted 2,2'-Bipyridines(1). <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 3013-3014	4.2 30
227	A Study of Dendrimer-Solute Interactions via Electrophoretic Chromatography. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 2255-2261	16.4 45
226	Dissociation of Carboxyl-Terminated Cascade Polymers: Comparison with Theory. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 3494-3497	3.4 18
225	Nanometric dendritic macromolecules: stepwise assembly by double(2,2':6,2''-terpyridine)ruthenium(I) connectivity. <i>Journal of Materials Chemistry</i> , <b>1997</b> , 7, 1237-1244	73
224	A useful dendritic building block: Di-tert-butyl 4-[{(2-tert-butoxycarbonyl)ethyl}-4-isocyanato-1,7-heptanedicarboxylate. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 7053-7056	2 22
223	Observations on the thermoreversible gelation of two-directional arborols in water/methanol mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 2787-2793	2.6 10

222	6,6-bis(CARBOXY-2-OXABUTYL)-4,8-DIOXAUNDECANE-I,II-DICARBOXYLIC ACID. <i>Organic Preparations and Procedures International</i> , <b>1996</b> , 28, 242-244	1.1	14
221	DI-tert-BUTYL4-[(2-tert-BUTOXYCARBONYL)ETHYL]-4-AMINOHEPTANEDICARBOXYLATE. <i>Organic Preparations and Procedures International</i> , <b>1996</b> , 28, 495-498	1.1	26
220	Supramolecular chemistry of flexible, dendritic-based structures employing molecular recognition. <i>Chemical Communications</i> , <b>1996</b> , 2737-2738	5.8	66
219	Heterocyclic loci within cascade dendritic macromolecules. <i>Journal of Heterocyclic Chemistry</i> , <b>1996</b> , 33, 1445-1460	1.9	19
218	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> , <b>1996</b> , 183, 397-407 <sup>9,3</sup>	21	
217	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> , <b>1996</b> , 246, 119-123	2.7	13
216	<i>trans</i> -1,2-Bis(8-hydroxy-2-quinolinyl)ethene: Comparison with <i>trans</i> -Stilbene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 172-174	6	
215	Design, Syntheses, and Supramolecular Chemistry of Smart Cascade Polymers <b>1996</b> , 127-136	2	
214	The crystal structure of 2-amino-5,5'-bis( $\text{H}$ -cyanoethyl)-1,2-pyrrolenineN-oxide monohydrate. <i>Journal of Chemical Crystallography</i> , <b>1995</b> , 25, 569-571	0.5	
213	Reduction of Nitro-Substituted Tertiary Alkanes. <i>Synthesis</i> , <b>1995</b> , 1995, 1053-1065	2.9	14
212	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> , <b>1995</b> , 69	16	
211	Supramolecular chemistry of cascade polymers: Construction, molecular inclusion, and inorganic connectivity. <i>Macromolecular Symposia</i> , <b>1995</b> , 98, 467-474	0.8	7
210	Wege zu dendritischen Netzwerken: Bis-Dendrimere durch Verknüpfung von Kaskadenmolekülen Ber Metallzentren. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 2159-2162	3.6	27
209	Routes to Dendritic Networks: Bis-Dendrimers by Coupling of Cascade Macromolecules through Metal Centers. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 2023-2026	172	
208	Cascade Molecules <b>1995</b> , 27-68		
207	Chemistry within a Unimolecular Micelle Precursor: Boron Superclusters by Site- and Depth-Specific Transformations of Dendrimers. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 666-668	119	
206	Bolaamphiphiles: From Golf Balls to Fibers. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1937-1940	96	
205	Chemische Umsetzungen im Inneren einer Vorstufe von unimolekularen Micellen: Bor-Supercluster durch ortsspezifische Addition von B10H14 an Kaskadenmoleküle. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 701-703 <sup>3,6</sup>	37	

204	Bolaamphiphile: von Golfsälen und Fasern. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 2013-2016	3.6	12
203	Di-tert-butyl 4-[2-(tert-butoxycarbonyl)ethyl]-4-nitroheptanedioate, C <sub>22</sub> H <sub>39</sub> NO <sub>8</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1994</b> , 50, 120-122	2	
202	"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> , <b>1994</b> , 27, 3464-3471	5.5	163
201	Dendrimer electrokinetic capillary chromatography: unimolecular micellar behaviour of carboxylic acid terminated cascade macromolecules. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 2139	47	
200	Synthesis and Characterization of Chiral Palladium(II) Complexes Containing a Pd-C*(sp <sub>3</sub> )-sigma.-Bond. <i>Organometallics</i> , <b>1994</b> , 13, 4912-4918	3.8	27
199	Metallo- and metalloido-micellaneDerivatives: Incorporation of metals and nonmetals within unimolecular superstructures. <i>Macromolecular Symposia</i> , <b>1994</b> , 77, 63-71	0.8	16
198	Intramolecular Hydrogen Bonding within Cyclometalated Palladium(II) Complex Containing L(β-1-Phenylethylamine Ligand. <i>Chemistry Letters</i> , <b>1994</b> , 23, 175-176	1.7	4
197	Pyridylphosphines. <i>Chemical Reviews</i> , <b>1993</b> , 93, 2067-2089	68.1	315
196	Cascade polymers. 35. pH dependence of hydrodynamic radii of acid-terminated dendrimers. <i>Macromolecules</i> , <b>1993</b> , 26, 2394-2396	5.5	151
195	Cascade polymer series. 27. Two-directional cascade polymer synthesis: effects of core variation. [Erratum to document cited in CA118(24):234515d]. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 7626-7626	4.2	4
194	Micelles series. 31. Building blocks for cascade polymers. 11. Synthesis of functionalized cascade cores: tetrakis(.omega.-bromoalkyl)methanes. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 898-903	4.2	34
193	External Ligand - Exchange in Cyclometalated Complexes Possessing Pd(II)-C(sp <sub>3</sub> ) Bond. <i>Chemistry Letters</i> , <b>1993</b> , 22, 709-712	1.7	8
192	A systematic nomenclature for cascade polymers. <i>Journal of Polymer Science Part A</i> , <b>1993</b> , 31, 641-651	2.5	51
191	Structures of {diethyl 2-[(8-hydroxy-2-quinoly-l-N) methyl]malonato(2H,2)}(pyridine)palladium(II) and the analogous ethyl complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1993</b> , 49, 476-478	5	
190	5,5-Bis(4-cyano-2-oxabutyl)-1,9-dicyano-3,7-dioxanonane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1993</b> , 49, 998-1000	2	
189	Cascade polymer series. 27. Two-directional cascade polymer synthesis: effects of core variation. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 3123-3129	4.2	49
188	Metallomicellanols: incorporation of ruthenium(II),2?: 6?,2?-terpyridine triads into cascade polymers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 925-927	121	
187	Syntheses of Amine Building Blocks for Dendritic Macromolecule Construction1. <i>Synlett</i> , <b>1992</b> , 1992, 53-54	2.2	37

186	Chemistry of micelles series. 22. Cascade polymers: synthesis and characterization of four-directional spherical dendritic macromolecules based on adamantane. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 358-362	4.2	128
185	Supramolecular Self-Assemblies of Two-Directional Cascade Molecules: Automorphogenesis. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 917-919		104
184	Supramolekulare Selbstorganisation von bidirektionalen Kaskadenmolekülen: Automorphogenese. <i>Angewandte Chemie</i> , <b>1992</b> , 104, 901-903	3.6	32
183	Unimolecular Micelles. <b>1992</b> , 145-155		2
182	Symmetrical, four-directional, poly(ether-amide) cascade polymers. <i>Macromolecules</i> , <b>1991</b> , 24, 1443-1444	4.5	170
181	Structure of a 2,6-pyridinophane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47 ( Pt 2), 326-8	0	
180	A novel aminotriol: 4-amino-4-(3-hydroxy-1-propyl)-1,7-heptanediol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 1245-1247	2	
179	Alkane Cascade Polymers Possessing Micellar Topology: Micellanoic Acid Derivatives. <i>Angewandte Chemie International Edition in English</i> , <b>1991</b> , 30, 1176-1178		233
178	Unimolecular Micelles. <i>Angewandte Chemie International Edition in English</i> , <b>1991</b> , 30, 1178-1180		352
177	Alkan-Kaskadenpolymere mit einer Micellen-Topologie: Micellansäure-Derivate. <i>Angewandte Chemie</i> , <b>1991</b> , 103, 1205-1207	3.6	45
176	Unimolekulare Micellen. <i>Angewandte Chemie</i> , <b>1991</b> , 103, 1207-1209	3.6	70
175	Preparation of 2-substituted 8-quinolinols containing C, N, O-donor atoms and its PdII or PtII complexes. <i>Journal of Organometallic Chemistry</i> , <b>1991</b> , 401, 217-226	2.3	19
174	Silvanols: Water-soluble calixarenes. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 1133-1136	2	37
173	Polytryptophane terminated dendritic macromolecules. <i>Tetrahedron: Asymmetry</i> , <b>1991</b> , 2, 957-960		101
172	Cascade Molecules: 15.1 Synthesis of Tris(3-substituted) Tripropylnitromethanes. <i>Synthesis</i> , <b>1991</b> , 1991, 839-841	2.9	3
171	Building blocks for cascade polymers. 7. Four-directional carbon cores for the synthesis of cascade polymers. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 4798-4799	4.2	8
170	Chemistry of micelles. 18. Cascade polymers: syntheses and characterization of one-directional arborols based on adamantane. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 7162-7167	4.2	147
169	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>1991</b> , 319-330	0.8	4

168	Structure of a tetrahedral Nill dibromo complex with a 6,6'-disubstituted bipyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 490-491	6
167	Structure of syn-1,2;3,4-diepoxy-1,2,3,4-tetrahydronaphthalene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 2214-2216	
166	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , <b>1990</b> , 277-288	0.8 2
165	Chemistry of heterocyclic compounds. 136. 1,3,5-Tri[2,6]pyridacyclohexaphane-2,4,6-trione ketals: synthesis, structural analysis, and complexation. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 5714-5719	4.2 20
164	Chemistry of heterocyclic compounds series. Part 141. Synthesis and characterization of novel palladium(II) cyclometalated complexes of 2-vinylpyridine derivatives. <i>Organometallics</i> , <b>1990</b> , 9, 1375-1379	3.8 23
163	Cascade molecules. Part 6. Synthesis and characterization of two-directional cascade molecules and formation of aqueous gels. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 8458-8465	16.4 202
162	Functionalization of 2-methyl- and 2,7-dimethyl-1,8-naphthyridine. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 2838-2842	4.2 13
161	Building blocks for cascade polymers. 3. Facile elimination of nitrous acid from quaternary nitroalkanes. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 5801-5802	4.2 22
160	Selectivity of Nucleophilic Substitution on 3-Substituted 2,6-Dichloropyridines with Alkoxide. Pyridinophane Preparation. <i>Heterocycles</i> , <b>1990</b> , 31, 1097	0.8 3
159	Chemistry of heterocyclic compounds. 124. Mono-.alpha.-functionalization of 2,9-dimethyl-1,10-phenanthroline. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 1766-1769	4.2 36
158	Cyclometalated complexes of 8-methylquinoline and derivatives with the platinum metals. <i>Coordination Chemistry Reviews</i> , <b>1989</b> , 93, 155-183	23.2 54
157	Synthesis and characterization of metalated and cyclometalated platinum(II) and platinum(IV) complexes of .beta.-diesters. <i>Organometallics</i> , <b>1989</b> , 8, 2513-2523	3.8 39
156	Chemistry of heterocyclic compounds. 109. Macroyclic inclusion complexes. Synthesis, x-ray structural analysis and formation of mono- and dinuclear transition metal complexes of dipyridino crown ethers. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 5105-5110	4.2 19
155	Dichloro(6,6'-dimethyl-2,2'-bipyridyl)cobalt(II) hemibenzene solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1988</b> , 44, 1668-1669	4
154	Inclusion of water by a crown amide. First crystal structure of a respective host-guest combination. <i>Journal of Inclusion Phenomena</i> , <b>1988</b> , 6, 1-7	10
153	Chemistry of heterocyclic compounds. 132. Metallocyclic complexes of palladium(II) and platinum(II) containing six- and seven-membered chelate rings. <i>Organometallics</i> , <b>1988</b> , 7, 2537-2542	3.8 8
152	Nitrile-stabilized carbanions. Nucleophilic substitution reactions on bromopyridines. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 786-790	4.2 23
151	A convenient synthesis of bis-homotris: 4-amino-4-[1-(3-hydroxypropyl)]-1,7-heptanediol, and 1-azoniapropellane. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 5552-5554	4.2 42

150	Chemistry of micelles series. 4. A convenient synthesis of tetrakis(2-bromoethyl)methane. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 5480-5482	4.2	11
149	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> , <b>1987</b> , 26, 3500-3506	5.1	37
148	Synthesis of a pyridine-containing xanthoporphinogen-type model. An entrance to heterocalixarenes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1987</b> , 854		27
147	Chemistry of heterocyclic compounds. 127. Strained palladium(II) complexes. Synthesis and complexation of functionalized 8,8'-dimethyl-2,2'-biquinolines. <i>Organometallics</i> , <b>1987</b> , 6, 2592-2595	3.8	5
146	A New Route to Macrocycles Possessing the 2,6-Pyridino Subunit via Bis-1,3-Dithianes [1]. <i>Israel Journal of Chemistry</i> , <b>1986</b> , 27, 87-95	3.4	5
145	Synthesis of metal paddlanes: X-ray structure determination of bis-(methyl nicotinate)copper(II) acetate dimer. <i>Inorganica Chimica Acta</i> , <b>1986</b> , 114, 21-23	2.7	7
144	N,N'-dimethyl-N,N'-ethylenebis(nicotinamide). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 1881-1882		
143	Structure of cis-bis(acetonitrile)-dichloroplatinum(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 1643-1644		4
142	Dipyridinium bis(hydrogen oxalate)oxalic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 1539-1541		5
141	Chemistry of heterocyclic compounds. Part 119. Synthesis of halogenated terpyridines and incorporation of the terpyridine nucleus into a polyether macrocycle. <i>Journal of Organic Chemistry</i> , <b>1986</b> , 51, 850-853	4.2	33
140	Two-directional cascade molecules: synthesis and characterization of [9]-n-[9] arborols. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 752		100
139	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> , <b>1986</b> , 25, 1149-1154 <sup>1</sup>	16	
138	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> , <b>1986</b> , 51, 970-974	4.2	7
137	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> , <b>1986</b> , 108, 6074-5	16.4	15
136	Metalloyclic palladium(II) complexes possessing six- and seven-membered rings: synthesis and structural characteristics. <i>Organometallics</i> , <b>1986</b> , 5, 348-355	3.8	21
135	Chemistry of heterocyclic compounds series. Part 108. Reductive dehalogenation of electron-poor heterocycles: nicotinic acid derivatives. <i>Journal of Organic Chemistry</i> , <b>1986</b> , 51, 953-954	4.2	22
134	Cyclometalation of the platinum metals with nitrogen and alkyl, alkenyl, and benzyl carbon donors. <i>Chemical Reviews</i> , <b>1986</b> , 86, 451-489	68.1	37 <sup>1</sup>
133	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> , <b>1986</b> , 108, 849-850	16.4	164

132	THE CHEMISTRY OF METHANETRICARBOXYLIC ESTERS. A REVIEW. <i>Organic Preparations and Procedures International</i> , <b>1986</b> , 18, 117-144	1.1	25
131	Effect of chelate ring size on the photoanation reaction of polypyridine ruthenium complexes. <i>Journal of Photochemistry and Photobiology</i> , <b>1985</b> , 31, 199-210	12	
130	Structure of a 2,2'-bipyridine containing dioxolane and 6-bromopyridine subunits. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1985</b> , 41, 1548-1549		
129	Organometallic polymers. Synthesis of and reductions using poly(vinylpyridine)-palladium(II) complexes containing C?Pd bonds. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1985</b> , 6, 77-84	6	
128	Methyl (E)-3-[5?-6?-dimethyl-2?, 2?-bipyridinyl]acrylate: Synthesis and copolymerization with styrene. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1985</b> , 6, 451-456	5	
127	Micelles. Part 1. Cascade molecules: a new approach to micelles. A [27]-arborol. <i>Journal of Organic Chemistry</i> , <b>1985</b> , 50, 2003-2004	4.2	1017
126	Nicotinic acid lariat ethers: syntheses, complexation, and reduction. <i>Journal of Organic Chemistry</i> , <b>1985</b> , 50, 4238-4245	4.2	34
125	Chemistry of heterocyclic compounds series. 110. Synthesis of vinyl derivatives of phenanthroline and bipyridine. <i>Journal of Organic Chemistry</i> , <b>1985</b> , 50, 3807-3810	4.2	6
124	Chemistry of heterocyclic compounds. 104. "Obstacle effect" in palladium(II) complexes of tetraamine ligands with terminal pyridyl or picolyl residues. <i>Inorganic Chemistry</i> , <b>1985</b> , 24, 1001-1006	5.1	25
123	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> , <b>1985</b> , 24, 811-826	5.1	49
122	Dichloro[phenyldi(2-pyridyl)phosphine-N,N']cobalt(II) hemiethanolate, [Co(C <sub>16</sub> H <sub>13</sub> N <sub>2</sub> P)Cl <sub>2</sub> ].1/2C <sub>2</sub> H <sub>6</sub> O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1984</b> , 40, 78-80	3	
121	[2,2-Di(2-pyridyl)-1,3-dioxolane-N,N']dichloropalladium(II), [PdCl <sub>2</sub> (C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1984</b> , 40, 1352-1355	7	
120	Mass spectra of acyclic multidentate ligands containing 2,2?-dipyridine and/or pyridine moieties. <i>Organic Mass Spectrometry</i> , <b>1984</b> , 19, 590-592	8	
119	Multidentate ligands containing 2,2'-bipyridine and/or pyridine moieties: structural aspects of their octahedral and pentagonal-bipyramidal complexes. <i>Inorganic Chemistry</i> , <b>1984</b> , 23, 2400-2408	5.1	37
118	Chemistry of heterocyclic compounds. 98. Syntheses, conformational studies, and reactions of heteromacrocycles. Bis(2-pyridyl) ketone derivatives. <i>Journal of Organic Chemistry</i> , <b>1984</b> , 49, 2961-2971	4.2	17
117	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> , <b>1984</b> , 3, 1549-1554	3.8	34
116	Synthesis, characterization, and complexation of poly(5-vinyl-6,6?-dimethyl-2,2?-bipyridine). <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1983</b> , 4, 575-581	6	
115	Hochselektive Clathrat-Wirtmoleküle für verzweigte und unverzweigte Alkohole, insbesondere für 2-Propanol und Ethanol. <i>Chemische Berichte</i> , <b>1983</b> , 116, 1906-1913	17	

114	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 <sup>3</sup> -carbon-metal bonds. <i>Organometallics</i> , <b>1983</b> , 2, 1247-1249	3.8	14
113	Synthesis and structural aspects of macrocyclic polyamines containing 2,2'-bipyridinyl units(s). <i>Journal of Organic Chemistry</i> , <b>1983</b> , 48, 4848-4851	4.2	55
112	18[Hexa(2,6)pyridinocoronand-6]: "Sexipyridine". <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 5956-5957	16.4	59
111	Dimerization and cycloaddition reactions of a carbomethoxy-substituted cyclopropene. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 137-139	16.4	16
110	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> , <b>1983</b> , 22, 171-174	5.1	20
109	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-phenanthrolino moiety. <i>Journal of Organic Chemistry</i> , <b>1983</b> , 48, 5112-5114	4.2	22
108	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> , <b>1983</b> , 105, 5152-5153	16.4	31
107	An Anomalous Dealkylation-Acylation of N,N-Dialkylanilines. <i>Heterocycles</i> , <b>1983</b> , 20, 981	0.8	2
106	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> , <b>1983</b> , 77, L47-L49	2.7	9
105	Nicotinic acid crown ethers: synthesis, complexation and reduction. <i>Tetrahedron</i> , <b>1983</b> , 39, 2001-2008	2.4	9
104	A redetermination of the structure of 1,1,2,2-tetracarbomethoxyethane, C10H14O8, at 145 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1983</b> , 39, 1113-1114		
103	Pyridinophanes, pyridinocrowns, and pyridinocryptands. <i>Topics in Current Chemistry</i> , <b>1982</b> , 79-118		17
102	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> , <b>1982</b> , 1, 907-910	3.8	10
101	Monte Carlo study of macrocyclization to form benzo-crown ethers. <i>Journal of the American Chemical Society</i> , <b>1982</b> , 104, 5942-5944	16.4	6
100	On the reaction of lithium diisopropylamide with .pi.-deficient heteroaromatics. A single electron transfer mechanism. <i>Journal of Organic Chemistry</i> , <b>1982</b> , 47, 599-601	4.2	44
99	Chemistry of heterocyclic compounds. 72. Nicotinic acid crown ethers. An unexpected facile etherification process. <i>Journal of Organic Chemistry</i> , <b>1982</b> , 47, 2800-2802	4.2	11
98	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> , <b>1982</b> , 104, 994-998	16.4	30
97	Chemistry of heterocyclic compounds. Part 78. Acute bonding deviation in square planar d <sup>8</sup> -palladium(II) complexes. <i>Journal of the American Chemical Society</i> , <b>1982</b> , 104, 1782-1783	16.4	49

96	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> , <b>1982</b> , 47, 4116-4120	64
95	Palladium(II)-C-malonate ester complexes. <i>Inorganica Chimica Acta</i> , <b>1982</b> , 65, L165-L166	2.7 8
94	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> , <b>1982</b> , 23, 2725-2728	2 2
93	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> , <b>1981</b> , 103, 3423-3429	16.4 38
92	Encircling of water by crown compounds. <i>Journal of the American Chemical Society</i> , <b>1981</b> , 103, 7376-7378	6.4 23
91	Complexes of Pd(II), Pt(II), Cu(II), Co(II) and Zn(II) chlorides with 6, 6?-dimethyl-2, 2?-dipyridyl. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1981</b> , 43, 1529-1531	45
90	Chemistry of heterocyclic compounds. 61. Synthesis and conformational studies of macrocycles possessing 1,8- or 1,5-naphthyridino subunits connected by carbon-oxygen bridges. <i>Journal of Organic Chemistry</i> , <b>1981</b> , 46, 833-839	4.2 97
89	Isolation and X-ray crystal structure of a novel dihydroterpyridine dimer formed via an anionic [6 + 4] cycloaddition. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1981</b> , 858	9
88	The crystal structures of a macrocycle containing 2,6-pyridino and piperazino subunits and of the tetrachlorocobaltate(II) salt of its diprotonated cation. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1981</b> , 331	6
87	The crystal structures of a ketone and related acetal macrocycle containing 2,6-pyridino and polyether subunits. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1981</b> , 877	2
86	18<O5(2,6-Pyridino)1.24.1-coronand-6>2,16-dione dihydrate. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1981</b> , 37, 2114-2117	19
85	Synthesis, conformational novelty, and x-ray crystal structure of the spherical .. <i>Tetrahedron Letters</i> , <b>1981</b> , 22, 3035-3038	2 17
84	A convenient synthesis of spherical cryptands by a quaternization-dealkylation procedure.. <i>Tetrahedron Letters</i> , <b>1981</b> , 22, 3039-3042	2 15
83	Dipyridine Crown Ethers.Synthesis and Conformational Aspects of a Tetraazadithia-18-crown-6 Analog. <i>Heterocycles</i> , <b>1981</b> , 15, 739	0.8 7
82	Chemistry of heterocyclic compounds LV Platinum(O) complexes of heterocyclic acetylenes: Bis-Lithiation. <i>Journal of Organometallic Chemistry</i> , <b>1980</b> , 198, 225-229	2.3 3
81	Polyorganometallic heterocycles. 2,6-dilithiopyridine. <i>Journal of Organometallic Chemistry</i> , <b>1980</b> , 186, 147-153	2.3 25
80	Cyclometallation. Palladium 2-arylpyridine complexes. <i>Journal of Organometallic Chemistry</i> , <b>1980</b> , 202, 341-350	2.3 90
79	Bis(4-nitrophenyl) ketone. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1980</b> , 36, 2488-2491	2

78	Chemistry of heterocyclic compounds. 55. Synthesis and conformational studies of substituted 1,2-diaryl- and heteroarylbenzenes. Synthesis of benzopyridinocyclophanes. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 4380-4385	4.2	14
77	CONVENIENT DEALKYLATION OF QUATERNARY AMMONIUM SALTS. <i>Organic Preparations and Procedures International</i> , <b>1980</b> , 12, 345-350	1.1	5
76	An in vitro characterization of interstrand cross-links in DNA exposed to the antitumor drug cis-dichlorodiammineplatinum(II). <i>Biochemical and Biophysical Research Communications</i> , <b>1980</b> , 97, 1220-1224	3.4	11
75	2,2'-Bipyridyl crown ethers. Synthesis and X-ray crystal structure of a cobalt(II) complex. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1980</b> , 9-11	2.2	
74	Nicotinic acid crown ethers. Synthesis and structural characterization of polyethereal macrocyclic lactones from 6-chloronicotinic acid. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 5423-5425	4.2	5
73	Macrocyclic inclusion complexes. Synthesis, complexation and x-ray crystal structures of binuclear cation complexes of dipyridine crown ethers. <i>Journal of the American Chemical Society</i> , <b>1980</b> , 102, 7608-7614	16.4	14
72	Pyrolysis of alkyl 2- or 6-alkoxynicotinates. An unexpected decarbalkoxylation reaction. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 4508-4511	4.2	4
71	Antitumor agents. Synthesis of novel cis-palladium complexes and their action on supercoiled DNA. <i>Journal of the American Chemical Society</i> , <b>1980</b> , 102, 4551-4552	16.4	26
70	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> , <b>1980</b> , 45, 629-632	4.2	4
69	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> , <b>1980</b> , 45, 626-628	4.2	11
68	Stable palladium(II) complexes with trans-bis- $\beta$ -acetylacetone ligands. <i>Inorganica Chimica Acta</i> , <b>1979</b> , 37, L481-L483	2.7	9
67	10,22,25,26-Tetraaza-2,5,8,14,17,20-hexaoxatricyclo[19.3.1.19,13]hexacosa-1(25),9,11,13(26),21,23-hexaene, trans-O{ $(\text{CH}_2)_2\text{O}$ [2,4-(C4H2N2)]O(CH2)2}2O, a 2:2 multiheteromacrocycle possessing 2,4-pyrimidino subunits. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1979</b> , 35, 775-777	5	
66	Chemistry of heterocyclic compounds. 42. Nicotinic acid crown ethers. Synthesis, reactions, and complexation of nicotinonitrile macrocycles. <i>Journal of Organic Chemistry</i> , <b>1979</b> , 44, 2693-2697	4.2	13
65	Anti, longitudinal conformational isomerism in metacyclophanes. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 7088-7089	16.4	17
64	Synthesis and x-ray structure of N[(CH2)2O(2,6-C6H3N)O(CH2)2]3N: a D3 macrobicyclic ligand capped by two sp <sup>2</sup> nitrogen atoms. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 1047-1048	16.4	26
63	Chemistry in heterocyclic compounds. 38. Synthesis of biheteroaryls by facile decarbonylation of electron-poor heteroaromatic ketones. <i>Journal of Organic Chemistry</i> , <b>1979</b> , 44, 1362-1363	4.2	12
62	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> , <b>1979</b> , 101, 4477-4480	16.4	4
61	Chemistry of heterocyclic compounds. 36. Reduction reactions of pyridyl ketones with low valent titanium reagents. <i>Journal of Organic Chemistry</i> , <b>1979</b> , 44, 502-505	4.2	22

60	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> , <b>1979</b> , 44, 2697-2702	4.2	13
59	Synthesis and temperature-dependent conformational preferences of macrocycles containing the 2,2'-bipyridyl moiety. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 4472-4477	16.4	28
58	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> , <b>1979</b> , 44, 3812-3816	4.2	10
57	Structure elucidation of polynitrated 2-aminoperimidines. <i>Journal of Organic Chemistry</i> , <b>1979</b> , 44, 2582-2585	4.2	3
56	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> , <b>1979</b> , 44, 3816-3826	4.2	12
55	Metal ion site complexation of polyfunctional ligands. Nicotinamides with NMR shift reagents.. <i>Tetrahedron Letters</i> , <b>1978</b> , 19, 4643-4646	2	6
54	Restricted rotation of substituted N,N-dimethylnicotinamides.. <i>Tetrahedron Letters</i> , <b>1978</b> , 19, 4639-4642	2	2
53	Chemistry of heterocyclic compounds. 27. An improved preparation of pyridyl diphenylphosphines. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 947-949	4.2	67
52	A new contractive coupling procedure. Convenient phosphorus expulsion reaction. <i>Journal of the American Chemical Society</i> , <b>1978</b> , 100, 5567-5568	16.4	43
51	Authenticity of 2,6-Dichloro-1,5-naphthyridine. <i>Journal of Heterocyclic Chemistry</i> , <b>1978</b> , 15, 685-685	1.9	4
50	Catalysis of ester aminolysis by macrocyclic ionophores. <i>Journal of the American Chemical Society</i> , <b>1978</b> , 100, 3608-3609	16.4	16
49	Chemistry of heterocyclic compounds. 29. Synthesis and reactions of multihetero macrocycles possessing 2,4-pyrimidino subunits connected by carbon-oxygen and/or-sulfur linkages. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 3362-3367	4.2	16
48	Chemistry of heterocyclic compounds. 26. Synthesis and reactions of multiheteromacrocycles possessing 2,6-pyrazino subunits connected by carbon-oxygen and or -sulfur linkages. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 409-415	4.2	7
47	Chemistry of heterocyclic compounds. 28. Reactions of halopyridines with mercaptide. Synthesis of multiheteromacrocycles possessing 2,6-pyridino subunits connected by carbon-sulfur linkages. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 2685-2690	4.2	14
46	Synthesis of a Novel Macroyclic System: 1,3,5-Tri[2.6]pyridacyclohexaphane-2,4,6-trione. <i>Heterocycles</i> , <b>1978</b> , 9, 1555	0.8	4
45	Chemistry of heterocyclic compounds. 25. Selective metalation of the pyridine nucleus at the 3 position. <i>Journal of Organic Chemistry</i> , <b>1977</b> , 42, 3524-3527	4.2	9
44	Radical production from the interaction of closed-shell molecules. 4. 1,4-Diradicals and the isotope effects on the spontaneous polymerization of pentafluorostyrene. <i>Journal of the American Chemical Society</i> , <b>1977</b> , 99, 6003-6007	16.4	13
43	Chemistry of heterocyclic compounds. 23. Synthesis of multiheteromacrocycles possessing 2,6-pyridino subunits connected by carbon-oxygen linkages. <i>Journal of Organic Chemistry</i> , <b>1977</b> , 42, 1500 <sup>42</sup> 1508 <sup>21</sup>	4.2	21

42	Construction of synthetic macrocyclic compounds possessing subheterocyclic rings, specifically pyridine, furan, and thiophene. <i>Chemical Reviews</i> , <b>1977</b> , 77, 513-597	68.1	155
41	Chemistry of heterocyclic compounds. 22. Condensation reactions of 2-substituted pyridines. <i>Journal of Organic Chemistry</i> , <b>1976</b> , 41, 2536-2542	4.2	9
40	Photoelectron spectra of carbonyls. Propellenes and propellanones. <i>The Journal of Physical Chemistry</i> , <b>1976</b> , 80, 2212-2219		16
39	Isosucrose. Definitive structural assignment by spectral correlation to $\alpha$ - and $\beta$ -sucrose octaacetates. <i>Carbohydrate Research</i> , <b>1976</b> , 48, 1-11	2.9	7
38	Chemistry of heterocyclic compounds. 18. Transition metal complexes of selected 2-pyridylacetylenes. <i>Journal of Organic Chemistry</i> , <b>1975</b> , 40, 3759-3762	4.2	5
37	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> , <b>1975</b> , 40, 3514-3518	4.2	18
36	Chemistry of heterocyclic compounds. 20. Multidentate chelating agents. Pyridine macrocyclic ether synthesis. <i>Journal of the American Chemical Society</i> , <b>1975</b> , 97, 3232-3234	16.4	23
35	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> , <b>1975</b> , 885		8
34	Chemistry of heterocyclic compounds. 16. Isomerization of acetylenic diols: 1,4-di(2-pyridyl)-2-butyne-1,4-diol. <i>Journal of Heterocyclic Chemistry</i> , <b>1974</b> , 11, 831-832	1.9	1
33	Chemistry of heterocyclic compounds. 14. Platinum(0) complexes of heterocyclic acetylenes. Synthesis of a stable metallabicycle. Bis(triphenylphosphine) [di(2-pyridyl)acetylene]platinumdichlorocobalt(II). <i>Journal of the American Chemical Society</i> , <b>1974</b> , 96, 617-618	16.4	13
32	Pyrolysis of 2-bis(methylthio)methylpyridine S-oxides. Synthesis of substituted pyridinecarbaldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1974</b> , 410		6
31	Chemistry of heterocyclic compounds. 13. Reactions of N-(2-pyridylmethmne)aniline. Evidence of traces of cyanide ion in N,N-dimethylformamide. <i>Tetrahedron Letters</i> , <b>1974</b> , 15, 691-694	2	13
30	Chemistry of heterocyclic compounds. 10. Ketalization of 2-pyridylketones under basic conditions. <i>Tetrahedron Letters</i> , <b>1973</b> , 14, 1599-1602	2	8
29	Chemistry of heterocyclic compounds. 11. Isomerization of acetylenic diols: 1,4-diphenyl-1,4-di(2-pyridyl)-2-butyne-1,4-diol. <i>Tetrahedron Letters</i> , <b>1973</b> , 14, 2541-2544	2	1
28	Detection of methanesulfonic acid in ethyl methanesulfonate. <i>Analytical Biochemistry</i> , <b>1973</b> , 54, 307-9	3.1	5
27	The formation of stable salts of cation free radicals by uranium(V) complexes. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1973</b> , 35, 3467-3480		11
26	The preparation and dehydration of 1-benzylcycloalkanols. <i>Journal of Chemical Education</i> , <b>1973</b> , 50, 372	2.4	2
25	Chemistry of heterocyclic compounds. 8. One-step synthesis of 2-hydroxy-4H-quinolizin-4-ones. <i>Journal of Organic Chemistry</i> , <b>1973</b> , 38, 2234-2236	4.2	4

24	Multidentate chelating agents: macrocyclic azaethers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1973</b> , 831		8
23	Chemistry of heterocyclic compounds. 12. Preparation and reactions of 2-pyridylacetylenes. <i>Journal of Organic Chemistry</i> , <b>1973</b> , 38, 4461-4463	4.2	10
22	Photoelectron spectroscopy of cyclic .beta.-diketones and their enolone tautomers. <i>Journal of the American Chemical Society</i> , <b>1973</b> , 95, 8364-8371	16.4	28
21	Pyrolysis of ketone N,N,N-trimethylhydrazone fluoroborates. Evidence for the genesis of pyridines. <i>Journal of Organic Chemistry</i> , <b>1972</b> , 37, 1329-1336	4.2	24
20	The chemistry of oxouranium(V)-A novel free radical forming reaction. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1972</b> , 380		2
19	Synthesis and structure of 2-t-butylcyclohexane-1,3-dione. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1972</b> , 905		2
18	Chiral cyclic olefins. 1. Synthesis, resolution, and stereochemistry of 5-hydroxy-10-alkyl-.DELTA.1(9)-2-octalones. <i>Journal of Organic Chemistry</i> , <b>1972</b> , 37, 2098-2101	4.2	8
17	Metal nitrides in organic reactions. II. Reactions of lithium nitride with aromatic aldehydes. <i>Journal of Organic Chemistry</i> , <b>1972</b> , 37, 1244-1248	4.2	4
16	A novel synthesis of $\beta$ -diketo diesters and their analytical potential as chelating agents. <i>Analytica Chimica Acta</i> , <b>1972</b> , 62, 49-57	6.6	1
15	Stereochemistry of the 2,2'-methylenebiscycloalkanones. <i>Journal of Organic Chemistry</i> , <b>1971</b> , 36, 2728-2730		3
14	SYNTHESIS OF N-PHENYLTETRAMETHYLSUCCINIMIDE. <i>Organic Preparations and Procedures International</i> , <b>1971</b> , 3, 271-273		1.1
13	Geometrical isomers of o-substituted acetophenone N,N-dimethylhydrazones. <i>Journal of Organic Chemistry</i> , <b>1971</b> , 36, 1719-1720	4.2	8
12	Pyrolytic rearrangements of ketone quaternary hydrazones. Formation of 2,6-diarylpyridines. <i>Challenge</i> , <b>1970</b> , 916	0.8	2
11	The absolute configuration of physostigmine. <i>Tetrahedron</i> , <b>1969</b> , 25, 1249-60	2.4	19
10	The absolute configuration of physostigmine (eserine). Application of the nuclear overhauser effect. <i>Challenge</i> , <b>1969</b> , 385	0.8	17
9	Stereochemistry of chorismic acid biosynthesis. <i>Journal of the American Chemical Society</i> , <b>1969</b> , 91, 5893-5894	4.4	49
8	Improved preparation of specifically deuterated methyl acrylate. <i>Journal of Organic Chemistry</i> , <b>1969</b> , 34, 740-741	4.2	36
7	Thermal rearrangement of n-allyl anhydro bases of quinolines and indolenines. <i>Tetrahedron Letters</i> , <b>1968</b> , 9, 5059-5062	2	10

## LIST OF PUBLICATIONS

6	Pyrolysis of ketone N,N,N-trimethylhydrazonium fluoborates. III. Preparation of fused-ring pyridines. <i>Journal of Heterocyclic Chemistry</i> , <b>1967</b> , 4, 427-430	1.9	6
5	Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction. <i>Journal of Organic Chemistry</i> , <b>1966</b> , 31, 677-681	4.2	66
4	2,6-Diarylpyridines from the Pyrolyses of Phenone Hydrazonium Fluoroborates. <i>Journal of the American Chemical Society</i> , <b>1966</b> , 88, 3654-3655	16.4	4
3	Bolaamphiphiles: Golf Balls to Fibers 382-390		1
2	Macrocyclic Pyridines. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 447-633		2
1	Dendrimer Chemistry: Supramolecular Perspectives and Applications 1-54		3