

George R Newkome

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Suprasupermolecules with Novel Properties: \hat{A} Metallodendrimers. <i>Chemical Reviews</i> , 1999, 99, 1689-1746.	23.0	907
3	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
4	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
5	Unimolecular Micelles. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1178-1180.	4.4	380
6	Poly(amidoamine), polypropylenimine, and related dendrimers and dendrons possessing different 1st branching motifs: An overview of the divergent procedures. <i>Polymer</i> , 2008, 49, 1-173.	1.8	358
7	Pyridylphosphines. <i>Chemical Reviews</i> , 1993, 93, 2067-2089.	23.0	356
8	Dendrimers Derived from 1st 3 Branching Motifs. <i>Chemical Reviews</i> , 2010, 110, 6338-6442.	23.0	326
9	Terpyridine-based metallocsupramolecular constructs: tailored monomers to precise 2D-motifs and 3D-metallocages. <i>Chemical Society Reviews</i> , 2018, 47, 3991-4016.	18.7	294
10	Nanoassembly of a Fractal Polymer: A Molecular "Sierpinski Hexagonal Gasket". <i>Science</i> , 2006, 312, 1782-1785.	6.0	285
11	Alkane Cascade Polymers Possessing Micellar Topology: Micellanoic Acid Derivatives. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1176-1178.	4.4	265
12	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> , 1990, 112, 8458-8465.	6.6	230
13	Dendritic macromolecules for organic light-emitting diodes. <i>Chemical Society Reviews</i> , 2008, 37, 2543.	18.7	211
14	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
15	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
16	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
17	Recent progress and applications for metallodendrimers. <i>New Journal of Chemistry</i> , 2007, 31, 1192.	1.4	200
18	Symmetrical, four-directional, poly(ether-amide) cascade polymers. <i>Macromolecules</i> , 1991, 24, 1443-1444.	2.2	191

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19	Construction of synthetic macrocyclic compounds possessing subheterocyclic rings, specifically pyridine, furan, and thiophene. <i>Chemical Reviews</i> , 1977, 77, 513-597.	23.0	182
20	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
21	"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
22	Cascade polymers. 35. pH dependence of hydrodynamic radii of acid-terminated dendrimers. <i>Macromolecules</i> , 1993, 26, 2394-2396.	2.2	169
23	Poly(polyoxometalate) Dendrimers: Molecular Prototypes of New Catalytic Materials. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1771-1774.	7.2	166
24	Chemistry of micelles. 18. Cascade polymers: syntheses and characterization of one-directional arborols based on adamantane. <i>Journal of Organic Chemistry</i> , 1991, 56, 7162-7167.	1.7	159
25	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
26	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
27	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> , 1992, 57, 358-362.	1.7	147
28	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
29	Metallomicellanols: incorporation of ruthenium(II) 2,2':6,2''-terpyridine triads into cascade polymers. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, .	2.0	143
30	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
31	From 1 to 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
32	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , 2011, 3, 1384-1406.	1.8	131
33	Supramolecular Self-Assemblies of Two-Directional Cascade Molecules: Automorphogenesis. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 917-919.	4.4	128
34	Polytryptophane terminated dendritic macromolecules. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 957-960.	1.8	118
35	Hexagonal Terpyridine Ruthenium and Iron Macrocyclic Complexes by Stepwise and Self-Assembly Procedures. <i>Chemistry - A European Journal</i> , 2002, 8, 2946.	1.7	118
36	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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37	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
38	Self- and Directed Assembly of Hexaruthenium Macrocycles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3717-3721.	7.2	116
39	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> , 1981, 46, 833-839.	1.7	109
40	Bolaamphiphiles: From Golf Balls to Fibers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1937-1940.	4.4	104
41	Nanofabrication: Reversible Self-Assembly of an Imbedded Hexameric Metallomacrocycle within a Macromolecular Superstructure. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1679-1683.	7.2	104
42	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
43	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
44	Cyclometallation. Palladium 2-arylpyridine complexes. <i>Journal of Organometallic Chemistry</i> , 1980, 202, 341-350.	0.8	95
45	Unimolekulare Micellen. <i>Angewandte Chemie</i> , 1991, 103, 1207-1209.	1.6	93
46	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
47	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
48	Terpyridine-Functionalized Surfaces: Redox-Active, Switchable, and Electroactive Nanoarchitectures. <i>Advanced Materials</i> , 2011, 23, 3484-3498.	11.1	90
49	Intra- and intermolecular self-assembly of a 20-nm-wide supramolecular hexagonal grid. <i>Nature Chemistry</i> , 2020, 12, 468-474.	6.6	88
50	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
51	Unimolecular micelles: supramolecular use of dendritic constructs to create versatile molecular containers. <i>Comptes Rendus Chimie</i> , 2003, 6, 715-724.	0.2	83
52	Towards Ordered Architectures: Self-Assembly and Stepwise Procedures to the Hexameric Metallomacrocycles $[\text{Arylbis}(\text{terpyridinyl})_6\text{Fe}(\text{L})_n]$ ($n=0,2,3,5$). <i>Chemistry - A European Journal</i> , 2004, 10, 1493-1500.	1.7	82
53	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
54	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> , 2000, 104, 898-904.	1.2	81

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55	Design, self-assembly, and photophysical properties of pentameric metallomacrocycles: [M5(N-hexyl[1,2-bis(2,2,6,6-tetramethyl-3-terpyridin-4-yl)]carbazole)5] [M = Fe(ii), Ru(ii), and Zn(ii)]. <i>Chemical Communications</i> , 2005, , 4672.	2.2	81
56	Self-Assembly of a Supramolecular, Three-Dimensional, Spoked, Bicycle-Like Wheel. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7728-7731.	7.2	81
57	Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction. <i>Journal of Organic Chemistry</i> , 1966, 31, 677-681.	1.7	80
58	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
59	Chemistry of heterocyclic compounds. 27. An improved preparation of pyridyldiphenylphosphines. <i>Journal of Organic Chemistry</i> , 1978, 43, 947-949.	1.7	77
60	18[Hexa(2,6)pyridinocoronand-6]: "Sexipyridine". <i>Journal of the American Chemical Society</i> , 1983, 105, 5956-5957.	6.6	77
61	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
62	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
63	Nanometric dendritic macromolecules: stepwise assembly by double(2,2,6,6-tetramethyl-3-terpyridine)ruthenium(II) connectivity. <i>Journal of Materials Chemistry</i> , 1997, 7, 1237-1244.	6.7	76
64	Reversible Self-Assembly of Terpyridine-Functionalized Graphene Oxide for Energy Conversion. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1415-1419.	7.2	75
65	Supramolecular Chemistry within Dendritic Structures. <i>Topics in Current Chemistry</i> , 1998, , 19-77.	4.0	73
66	Terpyridine-Cu(I)-mediated reversible nanocomposites of single-wall carbon nanotubes: towards metallo-nanoscale architectures. <i>Chemical Communications</i> , 2006, , 1091.	2.2	70
67	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
68	Suprasupermolecular chemistry: the chemistry within the dendrimer. <i>Pure and Applied Chemistry</i> , 1998, 70, 2337-2343.	0.9	69
69	A systematic nomenclature for cascade polymers. <i>Journal of Polymer Science Part A</i> , 1993, 31, 641-651.	2.5	68
70	Supramolecular chemistry of flexible, dendritic-based structures employing molecular recognition. <i>Chemical Communications</i> , 1996, , 2737-2738.	2.2	68
71	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
72	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

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73	Complex Formation by Electrostatic Interaction between Carboxyl-Terminated Dendrimers and Oppositely Charged Polyelectrolytes. <i>Langmuir</i> , 1999, 15, 4245-4250.	1.6	65
74	Construction of triangular metallomacrocycles: $[M_3(1,2\text{-bis}(2,2\text{-}\text{trifluoromethyl}\text{-}2,2\text{-}\text{terpyridin-4-yl-ethynyl})\text{benzene})_3]$ [M = Ru(ii), Fe(ii), 2Ru(ii)Fe(ii)]. <i>Chemical Communications</i> , 2005, , 713-715.	2.2	65
75	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> , 2006, 71, 1009-1014.	1.7	65
76	Controlled Interconversion of Superposed-Bistriangular, 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
77	Cascade polymer series. 27. Two-directional cascade polymer synthesis: effects of core variation. <i>Journal of Organic Chemistry</i> , 1993, 58, 3123-3129.	1.7	61
78	Interaction of a Polycation with Small Oppositely Charged Dendrimers. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2347-2354.	1.2	61
79	Cyclometalated complexes of 8-methylquinoline and derivatives with the platinum metals. <i>Coordination Chemistry Reviews</i> , 1989, 93, 155-183.	9.5	60
80	Paramagnetic Cobalt(II) as an NMR Probe of Dendrimer Structure: Mobility and Cooperativity of Dendritic Arms. <i>Journal of the American Chemical Society</i> , 2001, 123, 8583-8592.	6.6	59
81	Capillary microextraction on sol-gel dendrimer coatings. <i>Journal of Chromatography A</i> , 2004, 1034, 1-11.	1.8	59
82	Separation and Characterization of Metallosupramolecular Libraries by Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 6667-6674.	3.2	59
83	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
84	Construction of Dendritic Assemblies: A Tailored Approach to Isomeric Metallomacromolecules by Means of Bis(2,2'-terpyridine)ruthenium(II) Connectivity. <i>Macromolecules</i> , 1998, 31, 4382-4386.	2.2	57
85	Unexpected Isolation of a Pentameric Metallomacrocyclic from the Fe ^{II} -Mediated Complexation of 120° Juxtaposed 2,2':6,2'-terpyridine Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 1768-1771.		57
86	Electroactive Metallomacromolecules via Tetrakis(2,2'-terpyridine)ruthenium(II) Complexes: 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
87	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
88	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
89	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
90	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

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91	Helical and polymeric nanostructures assembled from benzene tri- and tetracarboxylic acids associated with terpyridine copper(II) complexes. <i>Chemical Communications</i> , 2005, , 465.	2.2	55
92	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
93	A new contractive coupling procedure. Convenient phosphorus expulsion reaction. <i>Journal of the American Chemical Society</i> , 1978, 100, 5567-5568.	6.6	54
94	Constructing High-Generation Sierpinski Triangles by Molecular Puzzling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11450-11455.	7.2	54
95	Stereochemistry of chorismic acid biosynthesis. <i>Journal of the American Chemical Society</i> , 1969, 91, 5893-5894.	6.6	53
96	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> , 1981, 43, 1529-1531.	0.5	53
97	Chemistry of heterocyclic compounds. Part 78. Acute bonding deviation in square planar d ⁸ -palladium(II) complexes. <i>Journal of the American Chemical Society</i> , 1982, 104, 1782-1783.	6.6	53
98	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
99	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , 2017, 8, 15476.	5.8	53
100	On the reaction of lithium diisopropylamide with π -deficient heteroaromatics. A single electron transfer mechanism. <i>Journal of Organic Chemistry</i> , 1982, 47, 599-601.	1.7	52
101	Silvanols: Water-soluble calixarenes. <i>Tetrahedron Letters</i> , 1991, 32, 1133-1136.	0.7	52
102	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
103	“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
104	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
105	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
106	Detection and Functionalization of Dendrimers Possessing Free Carboxylic Acid Moieties. <i>Macromolecules</i> , 1997, 30, 2300-2304.	2.2	47
107	A Study of Dendrimer-Solute Interactions via Electrokinetic Chromatography. <i>Journal of the American Chemical Society</i> , 1997, 119, 2255-2261.	6.6	46
108	Regioselective Dendritic Functionalization of Cellulose. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1999-2002.	2.0	46

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109	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
110	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
111	Supramolekulare Selbstorganisation von bidirektionalen Kaskadenmolekülen: Automorphogenese. <i>Angewandte Chemie</i> , 1992, 104, 901-903.	1.6	45
112	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. <i>Chemical Communications</i> , 2012, 48, 9873.	2.2	45
113	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
114	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
115	Synthesis and characterization of metalated and cyclometalated platinum(II) and platinum(IV) complexes of .beta.-diesters. <i>Organometallics</i> , 1989, 8, 2513-2523.	1.1	44
116	Regioselective combinatorial-type synthesis, characterization, and physical properties of dendronized cellulose. <i>Polymer</i> , 2005, 46, 8947-8955.	1.8	42
117	Nicotinic acid lariat ethers: syntheses, complexation, and reduction. <i>Journal of Organic Chemistry</i> , 1985, 50, 4238-4245.	1.7	41
118	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
119	Syntheses of Amine Building Blocks for Dendritic Macromolecule Construction1. <i>Synlett</i> , 1992, 1992, 53-54.	1.0	40
120	Molecular recognition using β -cyclodextrin-modified dendrimers: novel building blocks for convergent self-assembly. <i>Chemical Communications</i> , 1998, , 1821-1822.	2.2	40
121	Facile thermodynamic conversion of a linear metallopolymer into a self-assembled hexameric metallomacrocyclic. <i>Chemical Communications</i> , 2015, 51, 5766-5769.	2.2	40
122	Synthesis, X-ray Structure, and Self-Assembly of Functionalized Bis(2,2':6''-terpyridinyl)arenes. <i>Organic Letters</i> , 2004, 6, 1197-1200.	2.4	39
123	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
124	Terpyridine copper(II)-polycarboxylic acid architectures: formation of dimeric, helical, and cyclic nanostructures and their included-water molecule motifs. <i>Chemical Communications</i> , 2005, , 4405.	2.2	38
125	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
126	Improved preparation of specifically deuterated methyl acrylate. <i>Journal of Organic Chemistry</i> , 1969, 34, 740-741.	1.7	37

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127	Synthesis, x-ray analysis, and chemical properties of binuclear complexes with trans bis(palladium(II)-carbon) σ bonds and bridging ligands. Journal of the American Chemical Society, 1982, 104, 994-998.	6.6	37
128	Micelles series. 31. Building blocks for cascade polymers. 11. Synthesis of functionalized cascade cores: tetrakis(ω -bromoalkyl)methanes. Journal of Organic Chemistry, 1993, 58, 898-903.	1.7	37
129	Wege zu dendritischen Netzwerken: Bis-Dendrimere durch Verknüpfung von Kaskadenmolekülen über Metallzentren. Angewandte Chemie, 1995, 107, 2159-2162.	1.6	37
130	Synthesis of Unsymmetrical 5,5-Disubstituted 2,2-Bipyridines. Journal of Organic Chemistry, 1997, 62, 3013-3014.	1.7	37
131	Supercharged, Precise, Megametallodendrimers via a Single-Step, Quantitative, Assembly Process. Journal of the American Chemical Society, 2017, 139, 15652-15655.	6.6	37
132	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. Angewandte Chemie - International Edition, 2018, 57, 14116-14120.	7.2	37
133	Crystal and molecular structures of 2,11-dithia- and 1,3,10,12-tetrathia[3.3](2,6)-pyridinophanes. Journal of the American Chemical Society, 1983, 105, 5152-5153.	6.6	36
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