

# Jerry L Atwood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4000215/publications.pdf>

Version: 2024-02-01

583  
papers

34,025  
citations

3930

88  
h-index

7511

151  
g-index

613  
all docs

613  
docs citations

613  
times ranked

14367  
citing authors

#	ARTICLE	IF	CITATIONS
1	A chiral spherical molecular assembly held together by 60 hydrogen bonds. <i>Nature</i> , 1997, 389, 469-472.	13.7	1,122
2	Molecular Borromean Rings. <i>Science</i> , 2004, 304, 1308-1312.	6.0	757
3	Purification of C60 and C70 by selective complexation with calixarenes. <i>Nature</i> , 1994, 368, 229-231.	13.7	624
4	Controlling Molecular Self-Organization: Formation of Nanometer-Scale Spheres and Tubules. <i>Science</i> , 1999, 285, 1049-1052.	6.0	541
5	Metallo-supramolecular capsules. <i>Coordination Chemistry Reviews</i> , 2008, 252, 825-841.	9.5	523
6	Guest Transport in a Nonporous Organic Solid via Dynamic van der Waals Cooperativity. <i>Science</i> , 2002, 298, 1000-1002.	6.0	520
7	An intermolecular (H <sub>2</sub> O) <sub>10</sub> cluster in a solid-state supramolecular complex. <i>Nature</i> , 1998, 393, 671-673.	13.7	516
8	Structural Classification and General Principles for the Design of Spherical Molecular Hosts. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1018-1033.	7.2	464
9	Engineering void space in organic van der Waals crystals: calixarenes lead the way. <i>Chemical Society Reviews</i> , 2007, 36, 236.	18.7	452
10	Flexible (Breathing) Interpenetrated Metal-Organic Frameworks for CO <sub>2</sub> Separation Applications. <i>Journal of the American Chemical Society</i> , 2008, 130, 16842-16843.	6.6	420
11	Storage of Methane and Freon by Interstitial van der Waals Confinement. <i>Science</i> , 2002, 296, 2367-2369.	6.0	397
12	X-ray diffraction evidence for aromatic $\pi$ -hydrogen bonding to water. <i>Nature</i> , 1991, 349, 683-684.	13.7	367
13	Metal sulfonatocalix[4,5]arene complexes: bi-layers, capsules, spheres, tubular arrays and beyond. <i>Coordination Chemistry Reviews</i> , 2001, 222, 3-32.	9.5	358
14	A Well-Resolved Ice-like (H <sub>2</sub> O) <sub>8</sub> Cluster in an Organic Supramolecular Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 7192-7193.	6.6	332
15	Molecular Graphics: From Science to Art. <i>Crystal Growth and Design</i> , 2003, 3, 3-8.	1.4	320
16	Design and Self-Assembly of Cavity-Containing Rectangular Grids. <i>Journal of the American Chemical Society</i> , 1998, 120, 2676-2677.	6.6	291
17	A New Type of Material for the Recovery of Hydrogen from Gas Mixtures. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2948-2950.	7.2	259
18	Metallocene/polypropylene structural relationships: Implications on polymerization and stereochemical control mechanisms. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 48-49, 253-295.	0.6	257

#	ARTICLE	IF	CITATIONS
19	Solution synthesis and crystallographic characterization of the divalent organosamarium complexes (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(THF) <sub>2</sub> and [(C <sub>5</sub> Me <sub>5</sub> )Sm(μ- <i>l</i> )(THF) <sub>2</sub> ] <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1985, 107, 941-946.	6.6	256
20	Mixed metal-organic nanocapsules. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1760-1768.	9.5	251
21	Ball and Socket Nanostructures: New Supramolecular Chemistry Based on Cyclotrimeratrylene. <i>Journal of the American Chemical Society</i> , 1994, 116, 10346-10347.	6.6	248
22	Structure and reactivity of sterically hindered lithium amides and their diethyl etherates: crystal and molecular structures of [Li{N(SiMe <sub>3</sub> ) <sub>2</sub> }(OEt <sub>2</sub> )] <sub>2</sub> and tetrakis(2,2,6,6-tetramethylpiperidinolithium). <i>Journal of the American Chemical Society</i> , 1983, 105, 302-304.	6.6	231
23	Fluorescent Guest Molecules Report Ordered Inner Phase of Host Capsules in Solution. <i>Science</i> , 2005, 309, 2037-2039.	6.0	219
24	Ferrocenyl iron as a donor group for complexed silver in ferrocenyldimethyl[2.2]cryptand: a redox-switched receptor effective in water. <i>Journal of the American Chemical Society</i> , 1992, 114, 10583-10595.	6.6	212
25	Organization of the interior of molecular capsules by hydrogen bonding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4837-4841.	3.3	210
26	Crystal structures and stereospecific propylene polymerizations with chiral hafnium metallocene catalysts. <i>Journal of the American Chemical Society</i> , 1987, 109, 6544-6545.	6.6	209
27	Supramolecular blueprint approach to metal-coordinated capsules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5944-5948.	3.3	197
28	Gas-induced transformation and expansion of a non-porous organic solid. <i>Nature Materials</i> , 2008, 7, 146-150.	13.3	197
29	Reductive homologation of carbon monoxide to a ketenecarboxylate by a low-valent organolanthanide complex: synthesis and x-ray crystal structure of [(C <sub>5</sub> Me <sub>5</sub> ) <sub>4</sub> Sm <sub>2</sub> (O <sub>2</sub> CCCO)(THF)] <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1985, 107, 3728-3730.	6.6	191
30	The search for dimethylzirconocene. Crystal structures of dimethylzirconocene, dimethylhafnocene, chloromethylzirconocene, and (μ-oxo)bis(methylzirconocene). <i>Organometallics</i> , 1983, 2, 750-755.	1.1	183
31	Anion Binding within the Cavity of $\pi$ -Metalated Calixarenes. <i>Journal of the American Chemical Society</i> , 1997, 119, 6324-6335.	6.6	175
32	Sulfonatocalixarenes: molecular capsule and $\pi$ -Russian doll™ arrays to structures mimicking viral geometry. <i>Chemical Communications</i> , 2006, , 4567-4574.	2.2	175
33	Laying traps for elusive prey: recent advances in the non-covalent binding of anions. <i>Chemical Communications</i> , 1996, , 1401.	2.2	173
34	Hydrogen-bonded molecular capsules are stable in polar media. <i>Chemical Communications</i> , 2001, , 2376-2377.	2.2	172
35	Liquid~Liquid Equilibria for Toluene + Heptane + 1-Ethyl-3-methylimidazolium Triiodide and Toluene + Heptane + 1-Butyl-3-methylimidazolium Triiodide. <i>Journal of Chemical &amp; Engineering Data</i> , 2000, 45, 841-845.	1.0	170
36	Organolanthanide hydride chemistry. 3. Reactivity of low-valent samarium with unsaturated hydrocarbons leading to a structurally characterized samarium hydride complex. <i>Journal of the American Chemical Society</i> , 1983, 105, 1401-1403.	6.6	168

#	ARTICLE	IF	CITATIONS
37	Synthetic, structural, and reactivity studies of the reduction and carbon monoxide derivatization of azobenzene mediated by divalent lanthanide complexes. <i>Journal of the American Chemical Society</i> , 1988, 110, 4983-4994.	6.6	168
38	Synthesis and x-ray crystal structure of the divalent [bis(trimethylsilyl)amido] samarium complexes [(Me <sub>3</sub> Si) <sub>2</sub> N] <sub>2</sub> Sm(THF) <sub>2</sub> and {[ (Me <sub>3</sub> Si) <sub>2</sub> N]Sm(μ- <i>l</i> )(DME)(THF)} <sub>2</sub> . <i>Inorganic Chemistry</i> , 1988, 27, 575-579.	1.9	164
39	Synthesis and x-ray crystal structure of a soluble divalent organosamarium complex. <i>Journal of the American Chemical Society</i> , 1981, 103, 6507-6508.	6.6	162
40	Novel Layer Structure of Sodium Calix[4]arenesulfonate Complexes—A Class of Organic Clay Mimics?. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1361-1362.	4.4	161
41	Synthesis and crystallographic characterization of a dimeric alkynide-bridged organolanthanide: [(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ErC.ident.CC(CH <sub>3</sub> ) <sub>3</sub> ] <sub>2</sub> . <i>Inorganic Chemistry</i> , 1981, 20, 4115-4119.	1.9	159
42	Organolanthanide hydride chemistry. 1. Synthesis and x-ray crystallographic characterization of dimeric organolanthanide and organoyttrium hydride complexes. <i>Journal of the American Chemical Society</i> , 1982, 104, 2008-2014.	6.6	159
43	Synthesis and x-ray crystallographic characterization of an oxo-bridged bimetallic organosamarium complex, [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm] <sub>2</sub> (μ-O). <i>Journal of the American Chemical Society</i> , 1985, 107, 405-409.	6.6	157
44	Characterization of a well resolved supramolecular ice-like (H <sub>2</sub> O) <sub>10</sub> cluster in the solid state. <i>Chemical Communications</i> , 2000, , 859-860.	2.2	156
45	One-Dimensional Coordination Polymers Based upon Bridging Terephthalate Ions. <i>Inorganic Chemistry</i> , 1999, 38, 208-209.	1.9	154
46	Toward Mimicking Viral Geometry with Metal-Organic Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 13170-13171.	6.6	149
47	C <sub>60</sub> and C <sub>70</sub> Compounds in the Pincerlike Jaws of Calix[6]arene. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 981-983.	7.2	146
48	Amorphous Molecular Organic Solids for Gas Adsorption. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5492-5495.	7.2	146
49	Double partial cone conformation for Na <sub>8</sub> {calix[6]arene sulfonate}·20.5H <sub>2</sub> O and its parent acid. <i>Journal of the American Chemical Society</i> , 1992, 114, 7558-7559.	6.6	145
50	Preparation and crystal structures of the complexes (μ <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> CPh <sub>2</sub> -μ <sup>5</sup> -C <sub>13</sub> H <sub>8</sub> ) MCl <sub>2</sub> (M → Zr, Hf) and the catalytic formation of high molecular weight high tacticity syndiotactic polypropylene. <i>Journal of Organometallic Chemistry</i> , 1993, 459, 117-123.	0.8	144
51	Organolanthanide and organoyttrium hydride chemistry. 5. Improved synthesis of [(C <sub>5</sub> H <sub>4</sub> R) <sub>2</sub> YH(THF)] <sub>2</sub> complexes and their reactivity with alkenes, alkynes, 1,2-propadiene, nitriles, and pyridine, including structural characterization of an alkylideneamido product. <i>Journal of the American Chemical Society</i> , 1984, 106, 1291-1300.	6.6	143
52	Supramolecular Chemistry of p-Sulfonatocalix[5]arene: A Water-Soluble, Bowl-Shaped Host with a Large Molecular Cavity. <i>Journal of the American Chemical Society</i> , 1995, 117, 11426-11433.	6.6	140
53	Rational Design of Multicomponent Calix[4]arenes and Control of Their Alignment in the Solid State. <i>Journal of the American Chemical Society</i> , 1997, 119, 6931-6932.	6.6	135
54	Carbon Dioxide Capture in a Self-Assembled Organic Nanochannels. <i>Chemistry of Materials</i> , 2007, 19, 3355-3357.	3.2	126

#	ARTICLE	IF	CITATIONS
55	The crystal structure of N-lithiohexamethyldisilazane, [LiN(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> . Journal of Organometallic Chemistry, 1978, 157, 229-237.	0.8	122
56	Inclusion of both cation and neutral molecule by a calixarene. Structure of the [p-tert-butylmethoxycalix[4]arene-sodium-toluene] <sup>+</sup> cation. Journal of the American Chemical Society, 1986, 108, 1709-1710.	6.6	121
57	A Simple Route to Sulfur Bridged Annulenes. Journal of Organic Chemistry, 1994, 59, 8071-8075.	1.7	119
58	Acetylene Absorption and Binding in a Nonporous Crystal Lattice. Angewandte Chemie - International Edition, 2006, 45, 6506-6509.	7.2	118
59	Hydrogen-Bonded Supramolecular Assemblies as Robust Templates in the Synthesis of Large Metal-Coordinated Capsules. Angewandte Chemie - International Edition, 2005, 44, 5733-5736.	7.2	117
60	Synthesis and structures of compounds containing double bonds between the heavier Group VA elements: diphosphenes, diarsenes, phospharsenes, and phosphastibenes. Inorganic Chemistry, 1984, 23, 2582-2593.	1.9	116
61	Two-state propagation mechanism for propylene polymerization catalyzed by rac-[anti-ethylidene(1-eta.5-tetramethylcyclopentadienyl)(1-eta.5-indenyl)] dimethyltitanium. Journal of the American Chemical Society, 1991, 113, 8569-8570.	6.6	116
62	Inner Core Structure Responds to Communication between Nanocapsule Walls. Angewandte Chemie - International Edition, 2004, 43, 5263-5266.	7.2	114
63	A crystalline organic substrate absorbs methane under STP conditions. Chemical Communications, 2005, , 51.	2.2	114
64	Synthesis and x-ray crystal structure of di(pentamethylcyclopentadienyl)lanthanide and yttrium halide complexes. Inorganic Chemistry, 1986, 25, 3614-3619.	1.9	111
65	Molecular structures of the bis(eta.5-indenyl)dimethyl derivatives of titanium, zirconium, and hafnium. Inorganic Chemistry, 1975, 14, 1757-1762.	1.9	110
66	Toward the Isolation of Functional Organic Nanotubes. Angewandte Chemie - International Edition, 2006, 45, 570-574.	7.2	106
67	Metal ion complexes of water-soluble calix[4]arenes. Inorganic Chemistry, 1992, 31, 603-606.	1.9	105
68	Inclusion of Neutral and Anionic Guests within the Cavity of Î€-Metalated Cyclotrimeratrylenes. Journal of the American Chemical Society, 1996, 118, 9567-9576.	6.6	105
69	The formation and molecular structures of (Î·5-C <sub>5</sub> H <sub>5</sub> ) <sub>3</sub> Y Â· OC <sub>4</sub> H <sub>8</sub> and (Î·5-C <sub>5</sub> H <sub>5</sub> ) <sub>3</sub> La Â · OC <sub>4</sub> H <sub>8</sub> . Journal of Organometallic Chemistry, 1981, 216, 383-392.	0.8	104
70	Cleavage of a phosphorus-carbon double bond and formation of a linear terminal phosphinidene complex. Journal of the American Chemical Society, 1990, 112, 6734-6735.	6.6	104
71	Structures of CsMgBr <sub>3</sub> , CsCdBr <sub>3</sub> and CsMgI <sub>3</sub> diamagnetic linear chain lattices. Journal of Physics and Chemistry of Solids, 1980, 41, 495-499.	1.9	103
72	.pi.-Face selectivity of coordinated ketones to nucleophilic additions: the importance of aluminum-oxygen .pi.-bonding. Journal of the American Chemical Society, 1990, 112, 3446-3451.	6.6	103

#	ARTICLE	IF	CITATIONS
73	Hydrogen Bonds Seal Single-Molecule Capsules. <i>Journal of the American Chemical Society</i> , 2002, 124, 10646-10647.	6.6	103
74	A molecular toolkit for magnetism. <i>Nature Materials</i> , 2002, 1, 91-92.	13.3	103
75	Second-sphere coordination of transition-metal complexes by calix[4]arenes. <i>Journal of the American Chemical Society</i> , 1991, 113, 2760-2761.	6.6	101
76	Symmetry-Aligned Supramolecular Encapsulation of C <sub>60</sub> : [C <sub>60</sub> ⊂(L) <sub>2</sub> ], L=p-Benzylcalix[5]arene or p-Benzylhexahomoxacalix[3]arene. <i>Chemistry - A European Journal</i> , 1999, 5, 990-996.	1.7	99
77	Decomposition of high-oxygen content organoaluminum compounds. The formation and structure of the [Al <sub>7</sub> O <sub>6</sub> Me <sub>16</sub> ] <sup>-</sup> anion. <i>Organometallics</i> , 1983, 2, 985-989.	1.1	98
78	Metal vapor synthesis of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(THF) <sub>2</sub> and (C <sub>5</sub> Me <sub>4</sub> Et) <sub>2</sub> Sm(THF) <sub>2</sub> and their reactivity with organomercurial reagents. Synthesis and x-ray structural analysis of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(C <sub>6</sub> H <sub>5</sub> )(THF). <i>Organometallics</i> , 1985, 4, 112-119.	1.1	97
79	Anion-sealed single-molecule capsules Electronic supplementary information (ESI) available: Experimental details. See <a href="http://www.rsc.org/suppdata/cc/b3/b301511d/">http://www.rsc.org/suppdata/cc/b3/b301511d/</a> . <i>Chemical Communications</i> , 2003, , 940-941.	2.2	94
80	Transition Metal Complexes of p-Sulfonatocalix[5]arene. <i>Inorganic Chemistry</i> , 1996, 35, 2602-2610.	1.9	93
81	Controlling the Self-Assembly of Metal-Seamed Organic Nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1452-1454.	7.2	93
82	Intercalation of cationic, anionic, and molecular species by organic hosts. Preparation and crystal structure of [NH <sub>4</sub> ] <sub>6</sub> [calix[4]arenesulfonate][MeOSO <sub>3</sub> ].n.(H <sub>2</sub> O) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1988, 110, 610-611.	6.6	92
83	A molecular receptor based on the ferrocene system: selective complexation using atomic ball bearings. <i>Journal of the American Chemical Society</i> , 1991, 113, 366-367.	6.6	92
84	Confinement of Amino Acids in Tetra-p-Sulfonated Calix[4]arene Bilayers. <i>Crystal Growth and Design</i> , 2002, 2, 171-176.	1.4	92
85	New syntheses and molecular structures of the decamethylmetallocene dicarbonyls (η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> M(CO) <sub>2</sub> (M = titanium, zirconium, hafnium). <i>Journal of the American Chemical Society</i> , 1981, 103, 1265-1267.	6.6	90
86	Tertiary amine stabilized dialane. <i>Journal of the American Chemical Society</i> , 1991, 113, 8183-8185.	6.6	90
87	Selective CO <sub>2</sub> Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4523-4526.	7.2	90
88	Supramolecular assemblies of p-sulfonatocalix[4]arene with aquated trivalent lanthanide ions. <i>Dalton Transactions RSC</i> , 2002, , 4351-4356.	2.3	89
89	The molecular structure of 1,1-bis(η <sup>5</sup> -cyclopentadienyl)-2,3,4,5-tetraphenyltitanole and its hafnium analogue. <i>Journal of the American Chemical Society</i> , 1976, 98, 2454-2459.	6.6	88
90	The crystal structure of N-sodiohexamethyldisilazane, Na[N{Si(CH <sub>3</sub> ) <sub>3</sub> } <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 1977, 137, 101-111.	0.8	88

#	ARTICLE	IF	CITATIONS
91	Organolanthanide hydride chemistry. 2. Synthesis and x-ray crystallographic characterization of a trimetallic organolanthanide polyhydride complex. <i>Journal of the American Chemical Society</i> , 1982, 104, 2015-2017.	6.6	88
92	Synthesis of organosamarium complexes containing samarium-carbon and samarium-phosphorus bonds. Crystallographic characterization of [(MeC5H4)2SmC.tplbond.CCMe3]2. <i>Organometallics</i> , 1983, 2, 709-714.	1.1	88
93	Molecular Recognition of the Cyclic Water Trimer in the Solid State. <i>Journal of the American Chemical Society</i> , 1997, 119, 2592-2593.	6.6	88
94	Synthesis of salts of the hydrogen dichloride anion in aromatic solvents. 2. Syntheses and crystal structures of [K.cntdot.18-crown-6][Cl-H-Cl], [Mg.cntdot.18-crown-6][Cl-H-Cl]2, [H3O.cntdot.18-crown-6][Cl-H-Cl], and the related [H3O.cntdot.18-crown-6][Br-H-Br]. <i>Inorganic Chemistry</i> , 1990, 29, 467-470.	1.9	86
95	AN ALKYL-SUBSTITUTED INDIUM(I) TETRAMER. <i>Journal of Coordination Chemistry</i> , 1993, 30, 25-28.	0.8	86
96	Diffusion of Water in a Nonporous Hydrophobic Crystal. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3848-3851.	7.2	84
97	Machine Learning Assisted Synthesis of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2020, 142, 1475-1481.	6.6	84
98	Formation and molecular structures of (.eta.5-pentabenzylcyclopentadienyl)- and (.eta.5-pentaphenylcyclopentadienyl)dicarbonyl derivatives of cobalt and rhodium. <i>Organometallics</i> , 1986, 5, 1635-1641.	1.1	83
99	Synthesis and x-ray crystallographic characterization of an asymmetric organoyttrium halide dimer: (C5Me5)2Y(.mu.-Cl)YCl(C5Me5)2. <i>Organometallics</i> , 1985, 4, 554-559.	1.1	82
100	Preparation and properties of dinitrogen trimethylphosphine complexes of molybdenum and tungsten. 4. Synthesis, chemical properties, and x-ray structure of cis-[Mo(N2)2(PMe3)4]. The crystal and molecular structures of trans-[Mo(C2H4)2(PMe3)4] and trans,mer-[Mo(C2H4)2(CO)(PMe3)3]. <i>Journal of the American Chemical Society</i> , 1983, 105, 3014-3022.	6.6	80
101	Cocrystallization and Encapsulation of a Fluorophore with Hexameric Pyrogallol[4]arene Nanocapsules: Structural and Fluorescence Studies. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7019-7022.	7.2	80
102	Some aspects of the coordination and organometallic chemistry of thorium and uranium (MIII, MIV,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.2	79
103	Structural diversity of bis(pentamethylcyclopentadienyl)lanthanide halide complexes: x-ray crystal structures of [(C5Me5)2SmCl]3 and (C5Me5)10Sm5Cl5 [Me(OCH2CH2)4OMe]. <i>Journal of the American Chemical Society</i> , 1987, 109, 3928-3936.	6.6	78
104	Guest and Ligand Behavior in Zinc-Seamed Pyrogallol[4]arene Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8601-8604.	7.2	78
105	Silylmethyl and related complexes. 5. Metallocene bis(trimethylsilyl)methyls and benzhydryls of early transition metals [M(.eta.5-C5H5)2R] (M = Ti or V) and [M(.eta.5-C5H5)2(X)R] (M = Zr or Hf and X = C or R), and the crystal and molecular structures of [M(.eta.5-C5H5)2(CHPh2)2] (M = Zr or Hf). <i>Journal of the American Chemical Society</i> , 1977, 99, 6645-6652.	6.6	77
106	Pyrolyl complexes of the early transition metals. 1. Synthesis and crystal structure of (.eta.5-C5H5)2Ti(.eta.1-NC4H4)2, (.eta.5-C5H5)2Zr(.eta.1-NC4H4)2, and [Na(THF)6]2[Zr(.eta.1-NC4H4)6]. <i>Inorganic Chemistry</i> , 1980, 19, 2368-2374.	1.9	77
107	Solution Structures of Nanoassemblies Based on Pyrogallol[4]arenes. <i>Accounts of Chemical Research</i> , 2014, 47, 3080-3088.	7.6	77
108	Reductive distortion of azobenzene by an organosamarium(II) reagent to form [(C5Me5)2Sm]2(C6H5)2N2: an x-ray crystallographic snapshot of an agostic hydrogen complex on an ortho-metalation reaction coordinate. <i>Organometallics</i> , 1986, 5, 2389-2391.	1.1	76

#	ARTICLE	IF	CITATIONS
109	A Water-Soluble "Bear Trap" Exhibiting Strong Anion Complexation Properties. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2456-2457.	4.4	76
110	Pyrazolyl-bridged iridium dimers. 2. Contrasting modes of two-center oxidative addition to a bimetallic system and reductive access to the starting complex: three key diiridium structures representing short nonbonding and long and short bonding metal-metal interactions. <i>Journal of the American Chemical Society</i> , 1982, 104, 922-923.	6.6	75
111	Robust and stable pyrogallol[4]arene molecular capsules facilitated via an octanuclear zinc coordination belt. <i>New Journal of Chemistry</i> , 2007, 31, 17-20.	1.4	75
112	Synthetic, x-ray structural and photoluminescence studies on pentamethylcyclopentadienyl derivatives of lanthanum, cerium and praseodymium. <i>Organometallics</i> , 1986, 5, 1281-1283.	1.1	74
113	Formation of [(diphenylphosphino)cyclopentadienyl]thallium and its utility in the synthesis of heterobimetallic titanium-manganese complexes: the molecular structure of (.eta.5-cyclopentadienyl)dicarbonyl[(.eta.5-cyclopentadienyl)[.eta.5-(diphenylphosphino)cyclopentadienyl]dichlorotitanium-P]manganese. <i>Journal of the American Chemical Society</i> , 1983, 105, 3882-3886.	6.6	73
114	Hydrozirconation of Nitriles: Proof of a Linear Heteroallene Structure in(Benzylideneamido)zirconocene Chloride. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 68-69.	4.4	73
115	Synthesis and characterization of the samarium-cobalt complexes (C5Me5)2(THF) SmCo(CO)4 and [SmI2(THF)5][Co(CO)4]: x-ray crystal structure of a seven-coordinate samarium(III) cation complex. <i>Inorganic Chemistry</i> , 1985, 24, 4620-4623.	1.9	73
116	Rapid formation of metal-organic nano-capsules gives new insight into the self-assembly process. <i>Chemical Communications</i> , 2008, , 1539.	2.2	73
117	Magnetism in metal-organic capsules. <i>Chemical Communications</i> , 2010, 46, 3484.	2.2	73
118	Controlling van der Waals Contacts in Complexes of Fullerene C60. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3254-3257.	7.2	72
119	Frustrated Organic Solids Display Unexpected Gas Sorption. <i>Journal of the American Chemical Society</i> , 2006, 128, 15060-15061.	6.6	72
120	Engineering Nanorrafts of Calixarene Polyphosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 3931-3938.	1.7	72
121	The oxonium cation in aromatic solvents. Synthesis, structure, and solution behavior of [H3O+.cntdot.18-crown-6][Cl-H-Cl]. <i>Journal of the American Chemical Society</i> , 1987, 109, 8100-8101.	6.6	71
122	Pyrazolyl-bridged iridium dimers. 4. Two-fragment, two-center oxidative addition of halogens and methyl halides to trans-bis(triphenylphosphine)dicarbonylbis(.mu.-pyrazolyl)diiridium(I). <i>Inorganic Chemistry</i> , 1984, 23, 4050-4057.	1.9	70
123	Hexameric C-alkylpyrogallol[4]arene molecular capsules sustained by metal-ion coordination and hydrogen bonds. <i>Chemical Communications</i> , 2006, , 2956.	2.2	70
124	Host-Guest Complexes withp-Sulfonatocalix[4,5]arenes Charged Crown Ethers and Lanthanides: Factors Affecting Molecular Capsule Formation. <i>Crystal Growth and Design</i> , 2006, 6, 174-180.	1.4	70
125	The Zirconocene-Induced Coupling of Butadiene with Carbonyl Compounds. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 494-495.	4.4	69
126	Facile stereospecific synthesis of a dihydroxyindenoindene unit from an alkyne and carbon monoxide via samarium-mediated carbon monoxide and CH activation. <i>Journal of the American Chemical Society</i> , 1986, 108, 1722-1723.	6.6	69



#	ARTICLE	IF	CITATIONS
127	Crystal and molecular structure of tetra(cyclopentadienyl)zirconium. Journal of the American Chemical Society, 1978, 100, 5238-5239.	6.6	68
128	Interaction of organic carbonyls with sterically crowded aryloxide compounds of aluminum. Organometallics, 1990, 9, 3086-3097.	1.1	68
129	Selective single crystal complexation of l- or d-leucine by p-sulfonatocalix[6]arene. Chemical Communications, 2005, , 337.	2.2	67
130	Coordination Polymer Chains of Dimeric Pyrogallol[4]arene Capsules. Journal of the American Chemical Society, 2011, 133, 11069-11071.	6.6	67
131	Synthesis and structure of $(\eta^5\text{-C}_5\text{H}_5)_3\text{Gd} \cdot \text{OC}_4\text{H}_8$ . Journal of Organometallic Chemistry, 1980, 192, 65-73.	0.8	66
132	Pyrazolyl-bridged iridium dimers. 5. Crystal and molecular structures of bis(cycloocta-1,5-diene)bis( $\mu$ -pyrazolyl)diridium(I), its dirhodium(I) isomorph, and two bis(cycloocta-1,5-diene)diridium(I) analogs incorporating 3,5-disubstituted $\mu$ -pyrazolyl ligands. Organometallics, 1983, 2, 1447-1451.	1.1	66
133	Synthesis and characterization of rigid, deep-cavity calix[4]arenes. Journal of the American Chemical Society, 1993, 115, 3818-3819.	6.6	65
134	The formation and molecular structure of acetylcyclopentadienylsodium-tetrahydrofuranate. Journal of Organometallic Chemistry, 1982, 238, 79-85.	0.8	64
135	Free Transport of Water and $\text{CO}_2$ in Nonporous Hydrophobic Clarithromycin Form II Crystals. Journal of the American Chemical Society, 2009, 131, 13216-13217.	6.6	64
136	Seven coordinate aluminum in (benzo-15-crown-5)dichloroaluminum ethyltrichloroaluminate. Journal of the American Chemical Society, 1985, 107, 1796-1797.	6.6	63
137	Organic clays. Synthesis and structure of $\text{Na}_5[\text{calix}[4]\text{arene sulfonate}] \cdot \frac{1}{2} 12 \text{H}_2\text{O}$ , $\text{K}_5[\text{calix}[4]\text{arene sulfonate}] \cdot \frac{1}{2} 8 \text{H}_2\text{O}$ , $\text{Rb}_5[\text{calix}[4]\text{arene sulfonate}] \cdot \frac{1}{2} 5 \text{H}_2\text{O}$ , and $\text{Cs}_5[\text{calix}[4]\text{arene sulfonate}] \cdot \frac{1}{2} 4 \text{H}_2\text{O}$ . Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1989, 7, 203-211.	1.6	63
138	Isospecific propylene polymerization with unbridged Group 4 metallocenes. Journal of the American Chemical Society, 1993, 115, 7529-7530.	6.6	62
139	Bilayers, Corrugated Bilayers, and Coordination Polymers of p-Sulfonatocalix[6]arene. Inorganic Chemistry, 2004, 43, 6351-6356.	1.9	62
140	A complex 3D wavy brick wall $\text{TM}$ coordination polymer based on p-sulfonatocalix[8]arene. New Journal of Chemistry, 2005, 29, 649.	1.4	62
141	Crystal and molecular structure of two early transition-metal dicarbonyldicyclopentadienyl complexes: $(\eta^5\text{-C}_5\text{H}_5)_2\text{Zr}(\text{CO})_2$ and $[(\eta^5\text{-C}_5\text{H}_5)_2\text{V}(\text{CO})_2][\text{B}(\text{C}_6\text{H}_5)_4]$ . Inorganic Chemistry, 1980, 19, 3812-3817.	1.9	61
142	Cyclic trimeric hydroxy, amido, phosphido, and arsenido derivatives of aluminum and gallium. X-ray structures of $[\text{tert-Bu}_2\text{Ga}(\mu\text{-OH})_3]$ and $[\text{tert-Bu}_2\text{Ga}(\mu\text{-NH}_2)_3]$ . Organometallics, 1993, 12, 24-29.	1.1	61
143	Antineoplastic agents. 3. The structure of juncusol. A novel cytotoxic dihydrophenanthrene from the estuarine marsh plant juncus roemerianus. Journal of the American Chemical Society, 1977, 99, 618-620.	6.6	60
144	New bonding mode for a bridging dioxygen ligand: Crystal and molecular structure of $[\text{K}(\text{dibenzo-18-crown-6})][\text{Al}_2(\text{CH}_3)_6\text{O}_2] \cdot 1.5\text{C}_6\text{H}_6$ . Journal of the American Chemical Society, 1981, 103, 4277-4278.	6.6	60

#	ARTICLE	IF	CITATIONS
145	Organolanthanide and organoyttrium hydride chemistry. 4. Reaction of isocyanides with [(C <sub>5</sub> H <sub>4</sub> R) <sub>2</sub> YH(THF)] <sub>2</sub> to form a structurally characterized N-alkylformimidoyl complex. <i>Organometallics</i> , 1983, 2, 1252-1254.	1.1	60
146	Calixarenes as enzyme models. <i>Supramolecular Chemistry</i> , 1993, 2, 309-317.	1.5	60
147	Inclusion chemistry of cyclotrimeratrylene and cyclotricatechylene. <i>Supramolecular Chemistry</i> , 1996, 7, 37-45.	1.5	60
148	Neutral Molecule Receptor Systems Using Ferrocene's "Atomic Ball Bearing" Character as the Flexible Element. <i>Journal of the American Chemical Society</i> , 1997, 119, 1609-1618.	6.6	60
149	Interaction of aluminum trichloride with tetrahydrofuran. Formation and crystal structure of dichlorotetrakis(tetrahydrofuran)aluminum(1+) tetrachloroaluminate(1-). <i>Inorganic Chemistry</i> , 1987, 26, 1466-1468.	1.9	59
150	Ion Transport to the Interior of Metal-Organic Pyrogallol[4]arene Nanocapsules. <i>Journal of the American Chemical Society</i> , 2008, 130, 17262-17263.	6.6	59
151	Polymorphism of pure p-tert-butylcalix[4]arene: subtle thermally-induced modifications. <i>Chemical Communications</i> , 2004, , 922.	2.2	57
152	Pyrazolyl-bridged iridium dimers. 1. Accommodation of both weak and strong metal-metal interactions by a bridging pyrazolyl framework in dissymmetric dimeric structures. <i>Journal of the American Chemical Society</i> , 1982, 104, 920-922.	6.6	56
153	Synthesis and x-ray crystal structure of .mu.,.eta.2-N-alkylformimidoyl complexes of erbium and yttrium: a structural comparison. <i>Organometallics</i> , 1987, 6, 295-301.	1.1	56
154	Preparation and crystal structures of the complexes (eta <sup>5</sup> -C <sub>5</sub> H <sub>3</sub> Me <sub>2</sub> -eta <sup>5</sup> -C <sub>13</sub> H <sub>8</sub> )MCl <sub>2</sub> (M = Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic-isotactic stereoblock-type polypropylene. <i>Journal of Organometallic Chemistry</i> , 1995, 497, 105-111.	0.8	56
155	Stabilization of the [AlMe <sub>2</sub> ] <sup>+</sup> Cation by Crown Ethers. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 485-486.	4.4	55
156	Synthesis and characterization of symmetric and unsymmetric oxo-bridged trinuclear chromium benzoate complexes: Crystal and molecular structure of [Cr <sub>3</sub> O(O <sub>2</sub> CPh) <sub>6</sub> (py) <sub>3</sub> ]ClO <sub>4</sub> . <i>Inorganica Chimica Acta</i> , 1994, 217, 171-179.	1.2	55
157	.eta.2-Acyl coordination and .beta.-carbon-hydrogen bond interaction in acyl complexes of molybdenum. Crystal and molecular structures of tris(trimethylphosphine)carbonylchloro(.eta.2-trimethylsilylacetyl)molybdenum [Mo(.eta.2-COCH <sub>2</sub> SiMe <sub>3</sub> )Cl(CO)(PMe <sub>3</sub> ) <sub>3</sub> ] and the cyclic complex [cyclic] Mo(.eta.2-COCH <sub>2</sub> )(CO)(PMe <sub>3</sub> ) <sub>2</sub> (CO). <i>Journal of the American Chemical Society</i> , 1984, 106, 2214-2222.	6.6	54
158	Comparison of porous and nonporous materials for methane storage. <i>New Journal of Chemistry</i> , 2007, 31, 628-630.	1.4	54
159	Reversible metal-metal bond cleavage accompanied by a geometrical isomerism. Synthesis and crystal structures of isomers of [Rh(.mu. <sup>2</sup> -(Me <sub>3</sub> C) <sub>2</sub> P)(CO) <sub>2</sub> ] <sub>2</sub> . Catalysis of alkene hydroformylation. <i>Organometallics</i> , 1983, 2, 470-472.	1.1	53
160	Variable coordination numbers in crystalline bis(pentamethylcyclopentadienyl)samarium oxide, iodide and alkoxide complexes. <i>Polyhedron</i> , 1988, 7, 1693-1703.	1.0	53
161	Tertiary amine adducts of gallane: gallane-rich [{GaH <sub>3</sub> ] <sub>2</sub> (TMEDA)] (TMEDA =) <i>Journal of Organometallic Chemistry</i> , 1991, 30, 3792-3793.	1.9	53
162	Cavity-Containing Materials Based Upon Resorcin[4]arenes by Discovery and Design. <i>Journal of Solid State Chemistry</i> , 2000, 152, 199-210.	1.4	53

#	ARTICLE	IF	CITATIONS
163	Polymorphism of pure p-tert-butylcalix[4]arene: conclusive identification of the phase obtained by desolvation. <i>Chemical Communications</i> , 2002, , 2952-2953.	2.2	53
164	Die zirconoceninduzierte Verknüpfung von Butadien mit Carbonylverbindungen. <i>Angewandte Chemie</i> , 2006, 95, 506-507.	1.6	53
165	Enhanced control over metal composition in mixed Ga/Zn and Ga/Cu coordinated pyrogallol[4]arene nanocapsules. <i>Chemical Communications</i> , 2009, , 3348.	2.2	53
166	Fluid dynamic lateral slicing of high tensile strength carbon nanotubes. <i>Scientific Reports</i> , 2016, 6, 22865.	1.6	53
167	Synthesis and characterization of amphoteric ligands including the crystal and molecular structure of [(Me <sub>3</sub> SiCH <sub>2</sub> ) <sub>2</sub> InPPh <sub>2</sub> ] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 1987, 325, 69-81.	0.8	52
168	Metallocene catalysts for olefin polymerizations. XXIV. Stereoblock propylene polymerization catalyzed by rac-[anti-ethylidene(1- <i>l</i> -5-tetramethylcyclopentadienyl)(1- <i>l</i> -5-indenyl)dimethyltitanium: A two-state propagation. <i>Journal of Polymer Science Part A</i> , 1992, 30, 2601-2617.	2.5	52
169	Synthesis and characterization of the catalytic isotactic-specific metallocene complex (1-5-C <sub>5</sub> H <sub>3</sub> C <sub>4</sub> H <sub>9</sub> -CMe <sub>2</sub> -1-5-C <sub>13</sub> H <sub>8</sub> )ZrCl <sub>2</sub> Mechanistic aspects of the formation of isotactic polypropylene, the stereoregulative effect of the distal substituent and the relevance of C <sub>2</sub> symmetry. <i>Journal of Organometallic Chemistry</i> , 1996, 520, 115-120.	0.8	52
170	A Hydrogen-Bonded Hexameric Nanotoroidal Assembly. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2394-2397.	7.2	52
171	Controlled 2D Assembly of Nickel-Seamed Hexameric Pyrogallol[4]arene Nanocapsules. <i>Journal of the American Chemical Society</i> , 2017, 139, 2920-2923.	6.6	52
172	Stereochemistry of polynuclear compounds of the main group elements. XII. Preparation and structure of the ethyleniminodimethylaluminum trimer. <i>Journal of the American Chemical Society</i> , 1970, 92, 285-288.	6.6	51
173	Novel linear aluminum-hydrogen-aluminum electron-deficient bond in Na[(CH <sub>3</sub> ) <sub>3</sub> Al-H-Al(CH <sub>3</sub> ) <sub>3</sub> ]. <i>Journal of the American Chemical Society</i> , 1981, 103, 6787-6788.	6.6	51
174	Aspects of organocadmium chemistry. 3. Chelate-supported alkyls and aryls of zinc, cadmium, and mercury: crystal and molecular structure of bis[2-((dimethylamino)methyl)phenyl]mercury(II). <i>Inorganic Chemistry</i> , 1983, 22, 3480-3482.	1.9	51
175	Natriumcalix[4]arensulfonate, Komplexe mit neuartiger Schichtstruktur "ein organischer Ton?". <i>Angewandte Chemie</i> , 1988, 100, 1412-1413.	1.6	51
176	Mixed-donor and monomeric N-donor adducts of alane. <i>Inorganic Chemistry</i> , 1993, 32, 3482-3487.	1.9	51
177	Formation, reactivities, and molecular structures of phosphine derivatives of titanocene. Isolation and characterization of a titanium monoolefin .pi. complex. <i>Journal of the American Chemical Society</i> , 1983, 105, 416-426.	6.6	50
178	Structure of the p-sulfonatocalix[4]arene complex with tetramethylammonium ions, [NME <sub>4</sub> ] <sup>+</sup> [p-sulfonatocalix[4]arene]·4H <sub>2</sub> O. <i>Supramolecular Chemistry</i> , 1995, 5, 105-108.	1.5	50
179	Die Reaktion von (Butadien)zirconocen und -hafnocen mit Ethylen. <i>Angewandte Chemie</i> , 2006, 94, 915-916.	1.6	50
180	Organometallic complexes with electron bridges. 7. Electrochemical, spectroscopic, and structural studies of mono- and bimetallic complexes of iron: x-ray crystal structures of CpFe(CO) <sub>2</sub> -C <sub>6</sub> F <sub>5</sub> , 4-CpFe(CO) <sub>2</sub> -C <sub>5</sub> F <sub>4</sub> N, and 1,4-C <sub>6</sub> F <sub>4</sub> (CpFe(CO) <sub>2</sub> ) <sub>2</sub> . <i>Organometallics</i> , 1992, 11, 589-597.	1.1	49

#	ARTICLE	IF	CITATIONS
181	Water as a Building Block in Solid-State Acetonitrile- $\pi$ -Pyrogallol[4]arene Assemblies: Structural Investigations. <i>Chemistry - A European Journal</i> , 2007, 13, 8248-8255.	1.7	49
182	Electron paramagnetic resonance spectra of vanadium(II) and nickel(II) doped into crystals of cesium cadmium chloride and a redetermination of the structure of cesium cadmium chloride. <i>Inorganic Chemistry</i> , 1975, 14, 3079-3085.	1.9	48
183	The crystal structure of dicarbonyldicyclopentadienylnitrogen(II), $(\eta^5\text{-C}_5\text{H}_5)_2\text{Ti}(\text{CO})_2$ . <i>Journal of Organometallic Chemistry</i> , 1977, 132, 367-375.	0.8	48
184	Metal-Containing Rigid Concave Surfaces: An Entry to the Confinement of Globular Molecules. <i>Chemistry - A European Journal</i> , 1998, 4, 1384-1387.	1.7	48
185	Supramolecular Organization of C <sub>60</sub> into Linear Columns of Five-Fold, Z-Shaped Strands. <i>Crystal Growth and Design</i> , 2002, 2, 3-6.	1.4	48
186	Hydrogen-Bonded Hexamers Self-Assemble as Spherical and Tubular Superstructures on the Sub-Micron Scale. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6221-6224.	7.2	48
187	Methane Adsorption in a Supramolecular Organic Zeolite. <i>Chemistry - A European Journal</i> , 2010, 16, 2371-2374.	1.7	48
188	Noria: A Highly Xe-Selective Nanoporous Organic Solid. <i>Chemistry - A European Journal</i> , 2016, 22, 12618-12623.	1.7	48
189	The preparation and crystal structures of dicarbonylcyclopentadienylnitrosylchromium and dicarbonylfluorenylnitrosylchromium. <i>Journal of Organometallic Chemistry</i> , 1979, 165, 65-78.	0.8	47
190	An Aluminaphosphacubane, a New Aluminum Phosphide Precursor. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1409-1410.	4.4	47
191	Oligomeric gallium amide/hydride complexes, $[\text{H}_2\text{Ga}_2\{(\text{NPr}_i\text{CH}_2)_2\}_2]$ and $[\text{H}_5\text{Ga}_3\{(\text{NMeCH}_2)_2\}_2]$ , via hydrometalation and metalation. <i>Inorganic Chemistry</i> , 1991, 30, 4868-4870.	1.9	47
192	Macrocyclic (C <sub>22</sub> H <sub>22</sub> N <sub>4</sub> ) complexes of germanium(II), tin(II), gallium(III), and indium(III). Main group functionalities in unusual environments. <i>Inorganic Chemistry</i> , 1992, 31, 3871-3872.	1.9	47
193	The geometry of the site and its relevance for chain migration and stereospecificity. <i>Macromolecular Symposia</i> , 1995, 89, 345-367.	0.4	47
194	Hosting a Radioactive Guest: Binding of <sup>99</sup> TcO <sub>4</sub> <sup>-</sup> by a Metalated Cyclotrimeratrylene. <i>Journal of the American Chemical Society</i> , 1995, 117, 7848-7849.	6.6	47
195	Cation- $\pi$ interactions in neutral calix[4]resorcinarenes. <i>Journal of Supramolecular Chemistry</i> , 2002, 2, 479-482.	0.4	47
196	Construction of Polymeric Metal-Organic Nanocapsule Networks via Supramolecular Coordination-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2020, 142, 7270-7275.	6.6	47
197	Fragmentation of Alkoxy Radicals and Oxidative Elimination of Alicyclic Iodides. <i>Journal of Organic Chemistry</i> , 1994, 59, 6955-6964.	1.7	46
198	The Structure of Water in $\pi$ -Sulfonatocalix[4]arene. <i>Chemistry - A European Journal</i> , 2011, 17, 10259-10271.	1.7	46

#	ARTICLE	IF	CITATIONS
199	Crystal and molecular structure of $[AlMe_3]_2 \cdot C_4H_8O_2$ . <i>Journal of the American Chemical Society</i> , 1967, 89, 5362-5366.	6.6	45
200	The synthesis of $M[Al_2(CH_3)_6NO_3]$ ( $M = K^+, Rb^+, Cs^+, NR_4^+$ ), and the crystal structures of $K[Al_2(CH_3)_6NO_3]$ and $K[Al(CH_3)_3NO_3] \cdot C_6H_6$ . <i>Journal of Organometallic Chemistry</i> , 1978, 155, 1-14.	0.8	44
201	Steric effects of phosphido ligands. Synthesis and crystal structures of bis(tert-butylphosphido)-bridged dinuclear metal-metal-bonded complexes of iron(II), cobalt(I, II) and nickel(I). <i>Organometallics</i> , 1982, 1, 1721-1723.	1.1	44
202	Homoleptic organolanthanoid hydrocarbyls. The synthesis and x-ray crystal structure of tris[o-((dimethylamino)methyl)phenyl]lutetium. <i>Organometallics</i> , 1984, 3, 939-941.	1.1	44
203	Reaction of trimethylaluminum with a macrocyclic tetradentate tertiary amine. Synthesis and molecular structure of $[Al(CH_3)_3]_4[N\text{-tetramethylcyclam}]$ . <i>Journal of Organometallic Chemistry</i> , 1987, 331, 153-160.	0.8	44
204	Liquid-liquid extraction of transition and alkali metal cations by a new calixarene: Diphenylphosphino calix[4]arene methyl ether. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1991, 10, 57-61.	1.6	44
205	Organometallic complexes with electronic bridges. 9. $\pi$ -Donor interactions and the origin of arene nonplanarity in heterobimetallic ( $\eta^6$ -arene)chromium tricarbonyl complexes having $\sigma$ -bonded organometallic substituents: X-ray crystal structures of ( $\eta^6$ -C <sub>6</sub> H <sub>5</sub> ( $\eta^5$ -C <sub>5</sub> H <sub>4</sub> Me)Fe(CO) <sub>2</sub> )Cr(CO) <sub>3</sub> , ( $\eta^6$ -6-C <sub>6</sub> H <sub>5</sub> ( $\eta^5$ -indenyl)Fe(CO) <sub>2</sub> )Cr(CO) <sub>3</sub> , and ( $\eta^6$ -1,4-C <sub>6</sub> H <sub>4</sub> Me( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> )Fe(CO) <sub>2</sub> )Cr(CO) <sub>3</sub> . <i>Organometallics</i> , 1992, 11, 2050-2055.	1.1	43
206	Sorption of nitrogen oxides in a nonporous crystal. <i>Chemical Communications</i> , 2007, , 1521.	2.2	43
207	Introducing Defects into Metal-Seamed Nanocapsules Using Mixed Macrocycles. <i>Journal of the American Chemical Society</i> , 2013, 135, 12184-12187.	6.6	43
208	Tetrazolo[1,5-b]-1,2,4-triazines. Syntheses and structure determination. <i>Journal of Organic Chemistry</i> , 1976, 41, 2860-2864.	1.7	42
209	Synthesis and x-ray crystal structure of an unusual oligomeric bis(pentamethylcyclopentadienyl) halide complex of cerium: $[(C_5Me_5)_2CeCl_2K(THF)]_n$ . <i>Organometallics</i> , 1988, 7, 629-633.	1.1	42
210	Structural consequences of M-Cl $\cdots$ H-N hydrogen bonds in substituted pyridinium salts of the cobalt(II)tetrachloride anion isolated from liquid clathrate media. <i>Supramolecular Chemistry</i> , 1996, 7, 167-169.	1.5	42
211	On the synthesis and structure of the very large spherical capsules derived from hexamers of pyrogallol[4]arenes. <i>Journal of Supramolecular Chemistry</i> , 2001, 1, 131-134.	0.4	42
212	Extraction of Pertechnetate and Perrhenate from Water with Deep-Cavity $[CpFe(arene)]^+$ -Derivatized Cyclotrimeratrylenes. <i>Inorganic Chemistry</i> , 2002, 41, 6028-6031.	1.9	42
213	Interpenetrated nano-capsule networks based on the alkali metal assisted assembly of p-carboxylatocalix[4]arene-O-methyl ether. <i>Chemical Communications</i> , 2008, , 1410.	2.2	42
214	Reaction of trimethylaluminum with crown ethers. The synthesis and structure of (dibenzo-18-crown-6)bis(trimethylaluminum) and of (15-crown-5)tetrakis(trimethylaluminum). <i>Organometallics</i> , 1982, 1, 1021-1025.	1.1	41
215	Reaction of trimethylaluminum with thiacycrown ethers. Crystal and molecular structure of $[Al(CH_3)_3]_4[14]aneS_4$ . <i>Organometallics</i> , 1987, 6, 887-889.	1.1	41
216	Supramolecular assemblies of calix [4] arenes organized by feeble forces. <i>Supramolecular Chemistry</i> , 1992, 1, 15-17.	1.5	41

#	ARTICLE	IF	CITATIONS
217	Unique guest inclusion within multi-component, extended-cavity resorcin[4]arenes. <i>Chemical Communications</i> , 1999, , 181-182.	2.2	41
218	Structure of (biphenylene)- and (triphenylene)CR(CO) <sub>3</sub> . An analysis of the bonding of tricarbonylchromium to bicyclic polyenes. <i>Organometallics</i> , 1984, 3, 263-270.	1.1	40
219	Insertion of diphenyldiazomethane into [ZrCp <sub>2</sub> (Cl)PR <sub>2</sub> ] (Cp = $\eta$ -C <sub>5</sub> H <sub>5</sub> , R = Sime <sub>3</sub> ); X-ray structures of [ZrCp <sub>2</sub> (PR <sub>2</sub> )X] (X = Cl OR Me) and [PR <sub>2</sub> ]. <i>Polyhedron</i> , 1988, 7, 2083-2086.	1.0	40
220	X-ray crystal structure of the dimethylgallium azide polymer and its use as a gallium nitride precursor. <i>Journal of Organometallic Chemistry</i> , 1990, 394, c6-c8.	0.8	40
221	Terephthalate bridged coordination polymers based upon group two metals. <i>Crystal Engineering</i> , 1999, 2, 241-249.	0.7	40
222	Selective CO <sub>2</sub> Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie</i> , 2016, 128, 4599-4602.	1.6	40
223	Structure of sarracenin. An unusual enol diacetal monoterpene from the insectivorous plant <i>Sarracenia flava</i> . <i>Journal of the American Chemical Society</i> , 1976, 98, 1569-1573.	6.6	39
224	Structure and reactivity of the first hafnium carbonyl, bis( $\eta$ -5-cyclopentadienyl)dicarbonylhafnium. <i>Journal of the American Chemical Society</i> , 1979, 101, 5079-5081.	6.6	39
225	Reaction of cis-[Mo(N <sub>2</sub> ) <sub>2</sub> (PMe <sub>3</sub> ) <sub>4</sub> ] with carbon dioxide. Synthesis and characterization of products of disproportionation and the x-ray structure of a tetrametallic mixed-valence Mo(II)-Mo(V) carbonate with a novel mode of carbonate binding. <i>Journal of the American Chemical Society</i> , 1983, 105, 3365-3366.	6.6	39
226	Synthetic and structural studies on ( $\eta$ -5: $\eta$ -5-fulvalene)bimetallic compounds derived from ( $\eta$ -5: $\eta$ -5-fulvalene)dithallium. <i>Journal of Organometallic Chemistry</i> , 1990, 383, 227-252.	0.8	39
227	Synthesis and Structure of a Diphosphadigallatane: A Novel Base-Stabilized Ga <sub>2</sub> P <sub>2</sub> Ring System. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1150-1151.	4.4	39
228	THE CRYSTAL AND MOLECULAR STRUCTURE OF TRICYCLOPENTADIENYLETHYNYLURANIUM(IV). <i>Journal of Coordination Chemistry</i> , 1976, 5, 209-215.	0.8	38
229	Structural characterization of the single hydrogen bridge attachment of the tetrahydroborate group in tris(methyldiphenylphosphine)(tetrahydroborato)copper. <i>Inorganic Chemistry</i> , 1978, 17, 3558-3562.	1.9	38
230	Preparation and properties of dinitrogen trimethylphosphine complexes of molybdenum and tungsten. <i>Polyhedron</i> , 1983, 2, 185-193.	1.0	38
231	synthesis and Structural Characterization of Homoleptic Gallium Amides. <i>Inorganic Chemistry</i> , 1994, 33, 3251-3254.	1.9	38
232	Hydrogen-bonded arrays of a ytterbium(III) p-sulfonatocalix[6]arene complex. <i>New Journal of Chemistry</i> , 2004, 28, 326.	1.4	38
233	Exploring the Magnetic Behavior of Nickel-Coordinated Pyrogallol[4]arene Nanocapsules. <i>ACS Nano</i> , 2012, 6, 272-275.	7.3	38
234	Ferrocene Species Included within a Pyrogallol[4]arene Tube. <i>Chemistry - A European Journal</i> , 2012, 18, 10258-10260.	1.7	38

#	ARTICLE	IF	CITATIONS
235	Crystal and molecular structure of $\text{Cl}_2\text{AlN}(\text{C}_2\text{H}_5)\text{C}_2\text{H}_4\text{N}(\text{CH}_3)_2$ , a neutral, chelated four-coordinate aluminum compound, which contains two types of aluminum-nitrogen bond. <i>Inorganic Chemistry</i> , 1980, 19, 268-270.	1.9	37
236	The crystal structure of 1,1-bis( $\eta$ -5-cyclopentadienyl)-2,3,4,5-tetraphenylzirconole. <i>Journal of Organometallic Chemistry</i> , 1981, 204, 67-74.	0.8	37
237	Formation of carbonyl-carbonate complexes of molybdenum by reductive disproportionation of carbon dioxide. X-ray structure of $\text{Mo}_4(\mu_4\text{-CO}_3)(\text{CO})_2(\text{O})_2(\mu_2\text{-O})_2(\mu_2\text{-OH})_4(\text{PMe}_3)_6$ . <i>Inorganic Chemistry</i> , 1991, 30, 1493-1499.	1.9	37
238	Magnetic Differentiation of Pyrogallol[4]arene Tubular and Capsular Frameworks. <i>Journal of the American Chemical Society</i> , 2013, 135, 7110-7113.	6.6	37
239	The syntheses and molecular structures of two metalloindene complexes: 1,1-bis( $\eta$ -5-cyclopentadienyl)-2,3-bis(pentafluorophenyl)benzotitanole and 1,1-bis( $\eta$ -5-cyclopentadienyl)-2-trimethylsilyl-3-phenylbenzotitanole. <i>Inorganic Chemistry</i> , 1978, 17, 3257-3264.	1.9	36
240	Unreactive 1-azadiene and reactive 2-azadiene in Diels-Alder reaction of pentachloroazacyclopentadienes. <i>Journal of Organic Chemistry</i> , 1980, 45, 435-440.	1.7	36
241	Oxidative addition of an alcohol to the alkylgermanium(II) compound $\text{Ge}[\text{CH}(\text{SiMe}_3)_2]_2$ ; molecular structure of $\text{Ge}[\text{CH}(\text{SiMe}_3)_2]_2(\text{H})\text{OEt}$ . <i>Journal of Organometallic Chemistry</i> , 1981, 212, C4-C6.	0.8	36
242	Utility of cyclodichlorophosphazene as a $\text{NaC}_5\text{H}_5$ scavenging reagent: synthesis of an organoyttrium hydroxide complex and the x-ray crystal structure of the layered compound $[(\text{C}_5\text{H}_5)_2\text{Y}(\mu\text{-OH})_2(\text{C}_6\text{H}_5\text{C}.\text{ident}.\text{CC}_6\text{H}_5)]$ . <i>Inorganic Chemistry</i> , 1988, 27, 1990-1993.	1.9	36
243	Tertiary phosphine adducts of alane and gallane. <i>Journal of Organometallic Chemistry</i> , 1993, 449, 45-52.	0.8	36
244	Ionic dimeric pyrogallol[4]arene capsules. <i>Chemical Communications</i> , 2007, , 3447.	2.2	36
245	Self-organised nano-arrays of p-phosphonic acid functionalised higher order calixarenes. <i>New Journal of Chemistry</i> , 2008, 32, 1478.	1.4	36
246	A New Strategy of Transforming Pharmaceutical Crystal Forms. <i>Journal of the American Chemical Society</i> , 2011, 133, 1399-1404.	6.6	36
247	Fluorous $\hat{\text{e}}^{\text{ponytails}}^{\text{TM}}$ lead to strong gelators showing thermally induced structure evolution. <i>Soft Matter</i> , 2015, 11, 8471-8478.	1.2	36
248	Synthesis and x-ray structure of $\text{N}[(\text{CH}_2)_2\text{O}(2,6\text{-C}_6\text{H}_3\text{N})\text{O}(\text{CH}_2)_2]_3\text{N}$ : a D3 macrobicyclic ligand capped by two sp <sup>2</sup> nitrogen atoms. <i>Journal of the American Chemical Society</i> , 1979, 101, 1047-1048.	6.6	35
249	Interaction of trimethylaluminum and trimethylgallium with the acetate ion. Synthesis and crystal structures of $[\text{Me}_4\text{N}][\text{Me}_6\text{Al}_2(\text{OAc})]$ and $\text{Rb}[\text{Me}_6\text{Ga}_2(\text{OAc})]$ . <i>Organometallics</i> , 1982, 1, 1179-1183.	1.1	35
250	Synthesis and IR, UV, NMR (1H and 11B), and mass spectral studies of new $\beta$ -ketoamine complexes of boron: crystal and molecular structure of $\text{OC}_6\text{H}_4\text{BOC}(\text{R})\text{CHC}(\text{R}')\text{NR}''$ (R = p-ClC <sub>6</sub> H <sub>4</sub> , R' = C <sub>6</sub> H <sub>5</sub> , R'' = CH <sub>3</sub> ). <i>Inorganic Chemistry</i> , 1986, 25, 3076-3081.	1.9	35
251	Primary amido and amine adduct complexes of gallium: synthesis and structures of $[\text{t-Bu}_2\text{Ga}(\frac{1}{4}\text{-NHPH})]_2$ and $\text{t-Bu}_3\text{Ga}\hat{\text{A}}\text{-NH}_2\text{Ph}$ . <i>Polyhedron</i> , 1991, 10, 1897-1902.	1.0	35
252	Association and orientation of C70 on complexation with calix[5]arene. <i>Chemical Communications</i> , 2003, , 2270.	2.2	35

#	ARTICLE	IF	CITATIONS
253	Cocrystallization of C-butyl pyrogallol[4]arene and C-propan-3-ol pyrogallol[4]arene with gabapentin. <i>CrystEngComm</i> , 2011, 13, 1446-1449.	1.3	35
254	Solution-Phase Structures of Gallium-Containing Pyrogallol[4]arene Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5086-5091.	7.2	35
255	Toxicants from mangrove plant. 3. Heritol, a novel ichthyotoxin from the mangrove plant <i>Heritiera littoralis</i> . <i>Journal of Organic Chemistry</i> , 1987, 52, 2930-2932.	1.7	34
256	Synthesis and structures of di- and trinuclear di-tert-butylphosphido and di-tert-butylarsenido complexes of iridium. X-ray crystal structures of $[\text{Ir}(\mu\text{-tert-Bu}_2\text{E})(\text{CO})_2]_2$ (E = P, As), $[\text{Ir}(\text{tert-Bu}_2\text{PH})(\text{CO})]_2(\mu\text{-H})(\mu\text{-tert-Bu}_2\text{P})$ , $[\text{Ir}(\text{tert-Bu}_2\text{PH})(\text{CO})(\mu\text{-H})]_2(\text{H})(\mu\text{-tert-Bu}_2\text{P})$ , and $\text{Ir}_3(\mu\text{-tert-Bu}_2\text{P})_3(\text{CO})_5$ . <i>Inorganic Chemistry</i> , 1987, 26, 4065-4073.	1.9	34
257	Synthese von Bis( $\eta\text{-}5\text{-cyclopentadienyl}$ )(1,2,3-triphenyltriphosphan-1,3-diyl)zirconium(IV) und -hafnium(IV), (M = Zr, Hf) und Struktur des Hafnocenderivates. <i>Chemische Berichte</i> , 1988, 121, 561-563.	0.2	34
258	Spectroscopic Investigations of ADMA Encapsulated in Pyrogallol[4]arene Nanocapsules. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9088-9092.	1.2	34
259	chalcogenide low-valent metal complexes. <i>Inorganic Chemistry</i> , 1983, 22, 1797-1804.	1.9	33
260	Synthesis and structural characterization of a homoleptic bismuth aryl thiolate. <i>Inorganic Chemistry</i> , 1993, 32, 2972-2974.	1.9	33
261	Cocrystals of gabapentin with C-alkylresorcin[4]arenes. <i>CrystEngComm</i> , 2013, 15, 4045.	1.3	33
262	Engineering supramolecular organic frameworks (SOFs) of C-alkylpyrogallol[4]arene with bipyridine-based spacers. <i>Chemical Communications</i> , 2015, 51, 2304-2307.	2.2	33
263	<i>Chemistry</i> , 1983, 247, 1-2.	0.8	32
264	Synthesis, characterization and crystal and molecular structure of $\text{Ga}(\text{CH}_2\text{SiMe}_3)_3 \cdot \text{Me}_2\text{NC}_2\text{H}_4\text{NMe}_2 \cdot \text{Ga}(\text{CH}_2\text{SiMe}_3)_3$ . <i>Organometallics</i> , 1985, 4, 547-549.	1.1	32
265	Siloxy-zirconium chemistry. 1. Reaction of zirconium-carbon $\sigma$ -bonds with $\text{R}_3\text{SiOH}$ and the crystal structure of (1,2-dimethoxyethane)bis(triphenylsiloxy)dichlorozirconium(IV), $(\text{DME})\text{ZrCl}_2(\text{OSiPh}_3)_2$ . <i>Inorganic Chemistry</i> , 1986, 25, 4818-4821.	1.9	32
266	Synthesis and x-ray Structure of $[\text{H}_3\text{O}^+ \cdot 18\text{-crown-6}] [\text{I}^-]$ . A New Infinite Sawhorse Geometry for $\text{I}^-$ -Crystallized from a Liquid Clathrate Medium. <i>Inorganic Chemistry</i> , 1995, 34, 5395-5396.	1.9	32
267	Proton-Induced Chirality: Proton Complexation in the Chiral Cryptand 222-2H <sup>+</sup> Dication Isolated from a Liquid Clathrate Medium. <i>Journal of Organic Chemistry</i> , 1995, 60, 4972-4973.	1.7	32
268	Supramolecular Stabilization of $\text{N}_2\text{H}_7^+$ . <i>Journal of the American Chemical Society</i> , 2002, 124, 2122-2123.	6.6	32
269	Structural Versatility in Praseodymium Complexes of <i>p</i> -Sulfonatocalix[4]arene. <i>Crystal Growth and Design</i> , 2007, 7, 1762-1770.	1.4	32
270	Ferrocene as a Hydrophobic Templating Agent with Pyrogallol[4]arenes. <i>Israel Journal of Chemistry</i> , 2011, 51, 840-842.	1.0	32



#	ARTICLE	IF	CITATIONS
271	Self-assembly of magnesium-seamed hexameric pyrogallol[4]arene nanocapsules. <i>Chemical Communications</i> , 2017, 53, 4312-4314.	2.2	32
272	Structural, spectroscopic, and theoretical studies of an exchange-coupled manganese(II)-copper(II) dimer. <i>Inorganic Chemistry</i> , 1980, 19, 2519-2525.	1.9	31
273	The formation and molecular structure of di- $\eta^5$ -cyclopentadienyl{2-1(dimethylamino)methyl}phenyl-C,N}yttrium. <i>Journal of Organometallic Chemistry</i> , 1984, 265, 241-248.	0.8	31
274	Thioquinones. A reinvestigation of Perkin and Green's diaminodithioquinone. <i>Journal of Organic Chemistry</i> , 1987, 52, 1874-1877.	1.7	31
275	Bis(trimethylsilyl)phosphido complexes. <i>Journal of Organometallic Chemistry</i> , 1988, 353, 307-314.	0.8	31
276	Preparation and X-ray structure of $[\text{H}_3\text{O}^+ \cdot \frac{1}{2} 18\text{-crown-6}] \cdot [(\text{H}_5\text{O}_2^+)(\text{Cl}^-)_2]$ , a compound containing both $\text{H}_3\text{O}^+$ and $\text{H}_5\text{O}_2^+$ crystallized from aromatic solution. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1991, 21, 459-462.	0.3	31
277	Liquid clathrate media containing transition metal halocarbonyl anions; formation and crystal structures of $[\text{K}^+ \cdot \eta^5\text{-18-crown-6}][\text{Cr}(\text{CO})_5\text{Cl}]$ , $[\text{H}_3\text{O}^+ \cdot \eta^5\text{-18-crown-6}][\text{W}(\text{CO})_5\text{Cl}]$ , $[\text{H}_3\text{O}^+ \cdot \eta^5\text{-18-crown-6}][\text{W}(\text{CO})_4\text{Cl}_3]$ , and $[\text{H}_2\text{O} \cdot \text{bis-aza-18-crown-6} \cdot (\text{H}^+)_2][\text{W}(\text{CO})_4\text{Cl}_3]_2$ . <i>Journal of Organometallic Chemistry</i> , 1995, 487, 7-15.	0.8	31
278	Intra-Cavity Inclusion of $[\text{Cp}^*\text{Fe}(\text{arene})]^+$ Guests by Cyclotrimeratrylene. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1736-1738.	4.4	31
279	Bowl vs Saddle Conformations in Cyclononatriene-Based Anion Binding Hosts. <i>Organometallics</i> , 1998, 17, 1732-1740.	1.1	31
280	Solvent-Induced Manipulation of Supramolecular Organic Frameworks. <i>Crystal Growth and Design</i> , 2015, 15, 2781-2786.	1.4	31
281	First authentic example of a difference in the structural organometallic chemistry of zirconium and hafnium: crystal and molecular structure of bis( $\eta^5$ -cyclopentadienyl)bis( $\eta^1$ -cyclopentadienyl)hafnium. <i>Journal of the American Chemical Society</i> , 1981, 103, 692-693.	6.6	30
282	The Reaction of (Butadiene)zirconocene and -hafnocene with Ethylene. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 914-914.	4.4	30
283	Alternative methods of modifying the calixarene conformation. The synthesis and molecular structures of <i>tert</i> -butylcalix[4]arene methyl ether complexed with aluminum alkyl species. <i>Journal of Inclusion Phenomena</i> , 1987, 5, 747-758.	0.6	30
284	Gallane/phosphine adducts: air-stable $\text{H}_3\text{Ga} \cdot \text{P}(\text{C}_6\text{H}_{11})_3$ and gallane rich $2\text{H}_3\text{Ga} \cdot (\text{PMe}_2\text{CH}_2)_2$ . <i>Inorganic Chemistry</i> , 1992, 31, 2673-2674.	1.9	30
285	X-ray Structure of the Water Soluble [Adeninium]- <i>p</i> -Sulfonatocalix[4]arene] which Displays Cationic and Anionic Bilayers. <i>Supramolecular Chemistry</i> , 1996, 7, 271-274.	1.5	30
286	Organometallic chemistry of the actinides. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 261-270.	0.8	30
287	Non-covalent interactions exert extraordinary influence over conformation and properties of a well-known supramolecular building block. <i>Chemical Communications</i> , 2001, , 2020-2021.	2.2	30
288	Electrochemical and Structural Studies on Microcrystals of the $(\text{C}_{60})_x(\text{CTV})$ Inclusion Complexes ( $x = 1, 2$ ). <i>Journal of Electroanalytical Chemistry</i> , 2001, 500, 1-10.	1.2	30

#	ARTICLE	IF	CITATIONS
289	Strong Cation-π Interactions Promote the Capture of Metal Ions within Metal-Seamed Nanocapsule. <i>Journal of the American Chemical Society</i> , 2014, 136, 17002-17005.	6.6	30
290	Zinc-seamed pyrogallol[4]arene dimers as structural components in a two-dimensional MOF. <i>Chemical Science</i> , 2014, 5, 2297-2303.	3.7	30
291	A Supramolecular Coordination-Polymer-Derived Electrocatalyst for the Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 4036-4039.	1.7	30
292	Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10516-10520.	7.2	30
293	The synthesis and crystal structure of tetramethylammonium acetatotrimethylaluminate. <i>Journal of Organometallic Chemistry</i> , 1977, 127, 403-414.	0.8	29
294	Studies on organometallic compounds with hetero multiple bridges. <i>Journal of Organometallic Chemistry</i> , 1978, 160, 207-222.	0.8	29
295	Formation and molecular structure of a novel organometallic titanoxane derived from the reaction of dicarbonyltitanocene and hexafluoro-2-butyne. <i>Inorganic Chemistry</i> , 1980, 19, 3817-3821.	1.9	29
296	Photoinduced reactions of $(\eta^5\text{-C}_5\text{H}_5)_2\text{MH}_3$ and $(\eta^5\text{-C}_5\text{H}_5)_2\text{M}(\text{CO})\text{H}$ (M = Nb, Ta) and the molecular structure of $(\eta^5\text{-C}_5\text{H}_5)_2\text{Ta}(\text{CO})\text{H}$ . <i>Journal of the American Chemical Society</i> , 1982, 104, 5646-5650.	6.6	29
297	Synthesis and x-ray crystal structure of $[\text{M}(\mu\text{-}(\text{Me}_3\text{C})(\text{H})\text{P})(\text{PMe}_3)_2]_2$ (M = Rh, Ni) containing rhodium:rhodium double and nickel-nickel single bonds. <i>Organometallics</i> , 1983, 2, 1629-1634.	1.1	29
298	Decyclization of crown ethers. Ring-opening reaction of 18-crown-6 with zirconium tetrachloride. <i>Journal of the American Chemical Society</i> , 1986, 108, 2113-2114.	6.6	29
299	Aldol condensation of ketones promoted by sterically crowded aryloxy compounds of aluminum. <i>Organometallics</i> , 1990, 9, 2529-2534.	1.1	29
300	Calix[5]arene: a versatile sublimate that displays gas sorption properties. <i>Chemical Communications</i> , 2007, , 4848.	2.2	29
301	Investigating Reaction Conditions To Control the Self-Assembly of Cobalt-Seamed Nanocapsules. <i>Crystal Growth and Design</i> , 2016, 16, 3562-3564.	1.4	29
302	Studies on Organodisulphides as Metal Ligands. II. The Crystal and Molecular Structure of $\text{Re}_2\text{Br}_2(\text{CO})_6\text{S}_2\text{Me}_2$ , A Compound Containing a Dimethyldisulphide Bridge Across the Two Metals.		

#	ARTICLE	IF	CITATIONS
307	Self-assembling, alkali-metal-complexing nickel salicylaldimine complexes. <i>Journal of the American Chemical Society</i> , 1991, 113, 7434-7435.	6.6	28
308	Facile transmetalation reactions of macrocyclic (C <sub>22</sub> H <sub>22</sub> N <sub>4</sub> ) complexes of germanium(II), tin(II), and lead(II). <i>Inorganic Chemistry</i> , 1993, 32, 4671-4672.	1.9	28
309	Alkali metal salts of oxyanions of <i>p</i> -tert-butylcalix [4] arene. <i>Supramolecular Chemistry</i> , 1993, 2, 19-24.	1.5	28
310	Zinc dimerization of <i>p</i> -tert-butylcalix[4]arene. <i>Supramolecular Chemistry</i> , 1996, 7, 15-17.	1.5	28
311	Dimeric nanocapsule induces conformational change. <i>Chemical Communications</i> , 2010, 46, 1235.	2.2	28
312	Engineering Void Space Enclosed within Resorcin[4]arene-Based Supramolecular Frameworks. <i>Crystal Growth and Design</i> , 2014, 14, 5212-5218.	1.4	28
313	The crystal and molecular structure of 1-bromobenzocymantrene, (̇-5-C <sub>9</sub> H <sub>6</sub> Br)Mn(CO) <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , 1979, 179, 403-410.	0.8	27
314	Pyrrolyl compounds of the main-group elements. 1. Synthesis of (̇-eta.1-C <sub>4</sub> H <sub>4</sub> N) <sub>3</sub> As and the crystal and molecular structures of (̇-eta.1-C <sub>4</sub> H <sub>4</sub> N) <sub>3</sub> P and (̇-eta.1-C <sub>4</sub> H <sub>4</sub> N) <sub>3</sub> As. <i>Inorganic Chemistry</i> , 1982, 21, 1354-1356.	1.9	27
315	First structural authentication of third-sphere coordination: [p-sulfonatocalix[4]arene] <sup>5-</sup> as a third-sphere ligand for Eu <sup>3+</sup> . <i>Supramolecular Chemistry</i> , 1994, 3, 89-91.	1.5	27
316	Convergent Synthesis of <i>p</i> -Benzylcalix[7]arene: Condensation and UHIG of <i>p</i> -Benzylcalix[6 or 8]arenes. <i>Organic Letters</i> , 1999, 1, 1523-1526.	2.4	27
317	Solution structure of copper-seamed C-alkylpyrogallol[4]arene nanocapsules with varying chain lengths. <i>Chemical Communications</i> , 2011, 47, 12298.	2.2	27
318	Structure of a hydrazino-bridged [12]annulene. 12.π. Monocyclic antiaromatic compound. <i>Journal of the American Chemical Society</i> , 1974, 96, 6132-6136.	6.6	26
319	Ferrocenylalanes. 3. Synthesis and crystal structure of (̇-eta.5-C <sub>5</sub> H <sub>5</sub> )Fe[̇-eta.5-C <sub>5</sub> H <sub>4</sub> Al <sub>2</sub> (CH <sub>3</sub> ) <sub>4</sub> Cl]. <i>Inorganic Chemistry</i> , 1979, 18, 279-282.	1.9	26
320	Synthesis of di-tert-butylphosphido-bridged dimers of cobalt(I) containing cobalt-cobalt double bonds. Crystal structures of [Co{̇-mu.-(Me <sub>3</sub> C)2P}(CO) <sub>2</sub> ] <sub>2</sub> and [Co{̇-mu.-(Me <sub>3</sub> C)2P}(PMe <sub>3</sub> )L] <sub>2</sub> (L = CO or Tj ETQq0.0 0 rgBT46verlock	1.0	26
321	Reaction of the phenoxide ion with trimethylaluminum. Isolation and crystal structure of [K.cntdot.dibenzo-18-crown-6][Al <sub>2</sub> Me <sub>6</sub> O <sup>Ph</sup> ] and K[AlMe <sub>2</sub> (O <sup>Ph</sup> ) <sub>2</sub> ]. <i>Organometallics</i> , 1985, 4, 238-241.	1.1	26
322	Ein Aluminaphosphacuban, ein neuer Vorläufer für Aluminiumphosphid. <i>Angewandte Chemie</i> , 1990, 102, 1504-1505.	1.6	26
323	Toxicants from Mangrove Plants, VII. Vallapin and Vallapianin, Novel Sesquiterpene Lactones from the Mangrove Plant <i>Heritiera littoralis</i> . <i>Journal of Natural Products</i> , 1991, 54, 286-289.	1.5	26
324	Synthesis of 1,2-ditellurolane derivatives. <i>Journal of the American Chemical Society</i> , 1993, 115, 885-887.	6.6	26

#	ARTICLE	IF	CITATIONS
325	Exploring the limits of encapsulation within hexameric pyrogallol[4]arene nano-capsules. <i>Chemical Communications</i> , 2009, , 1339.	2.2	26
326	Diffusion of vaporous guests into a seemingly non-porous organic crystal. <i>Chemical Communications</i> , 2014, 50, 15509-15512.	2.2	26
327	The interaction of aromatic hydrocarbons with organometallic compounds of the main group elements.. <i>Journal of Organometallic Chemistry</i> , 1976, 114, 107-118.	0.8	25
328	The interaction of alkali metal cations with aromatic molecules in complexes of the type $M[AlMe_3X]_{1/2}$ aromatic, $M[Al_2Me_6X]_{1/2}$ aromatic, and related. <i>Journal of Inclusion Phenomena</i> , 1985, 3, 13-20.	0.6	25
329	Synthesis and crystal structure of the bis(cyclopentadienyl)gallium ethoxide dimer. <i>Organometallics</i> , 1985, 4, 1115-1116.	1.1	25
330	The interaction of group III metal alkyls with crown ethers. The synthesis and structure of $[Ga(CH_3)_3]_2$ [dibenzo18-crown-6] and $[Al(CH_3)_3]_2$ [dicyclohexano-18-crown-6]. <i>Journal of Organometallic Chemistry</i> , 1987, 326, 9-16.	0.8	25
331	The formation, crystal and molecular structures of bis( $\eta$ -5-indenyl)dicarbonyltitanium and bis( $\eta$ -5-indenyl)dicarbonylzirconium. <i>Journal of Organometallic Chemistry</i> , 1987, 327, 39-54.	0.8	25
332	Formation and crystal structures of novel seven-coordinate 15-crown-5 complexes of manganese(II), iron(II) and cobalt(II). <i>Polyhedron</i> , 2000, 19, 85-91.	1.0	25
333	Gas/Solvent-Induced Transformation and Expansion of a Nonporous Solid to 1:1 Host Guest Form. <i>Crystal Growth and Design</i> , 2008, 8, 2090-2092.	1.4	25
334	Exploring the Ellipsoidal and Core-Shell Geometries of Copper-Seamed $\langle i \rangle C \langle /i \rangle$ -Alkylpyrogallol[4]arene Nanocapsules in Solution. <i>Journal of the American Chemical Society</i> , 2011, 133, 18102-18105.	6.6	25
335	Entrapment of Elusive Guests within Metal-Seamed Nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13088-13092.	7.2	25
336	Formation and molecular structure of bis( $\eta$ -5-cyclopentadienyl)bis(trifluorophosphine)titanium. <i>Journal of the American Chemical Society</i> , 1981, 103, 982-984.	6.6	24
337	Pyrazolyl-bridged iridium dimers. 8. Two-center, electrophilic addition of activated acetylenes to bis(cycloocta-1,5-diene)bis( $\mu$ -pyrazolyl)diiridium(I) leading to a diiridacyclobutene configuration: regular, parallel coordination of methyl propiolate. <i>Organometallics</i> , 1985, 4, 2106-2111.	1.1	24
338	The metallaoxirane-type structure of $Cp_2ZrCl(CPh_2OCH_3)$ and the question of modeling the chemistry of alkylidene units on the metal oxide surface. <i>Journal of the American Chemical Society</i> , 1986, 108, 2251-2257.	6.6	24
339	The synthesis and X-ray structure of a novel monocyclopentadienyluranium(IV) chloride $[UCp^*Cl_2(THF)(\eta^4-CI)2Li(THF)2][Cp^* = \eta^5-C_5H_2(SiMe_3)_3-1,2,4]$ . <i>Inorganica Chimica Acta</i> , 1987, 139, 185-186.	1.2	24
340	Solution-Phase and Magnetic Approach towards Understanding Iron Gall In-Like Nanoassemblies. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9263-9266.	7.2	24
341	Crystal and molecular structures of tetrafluoroborate salts of the cis-chlorobis(triethylphosphine)(3-(trifluoromethyl)-5-methylpyrazole)platinum(II) and cis-chlorobis(triethylphosphine)(indazole)platinum(II) cations. <i>Inorganic Chemistry</i> , 1983, 22, 774-779.	1.9	23
342	Trimethylphosphine complexes of molybdenum and tungsten. The synthesis and chemical properties of $MoCl_4(PMe_3)_3$ and the crystal and molecular structures of $WCl_4(PMe_3)_3$ and $MoO(acac)_2PMe_3$ . <i>Journal of Organometallic Chemistry</i> , 1984, 277, 403-415.	0.8	23

#	ARTICLE	IF	CITATIONS
343	How short is a bond of order zero? A close cesium...cesium contact in the [Cs <sub>2</sub> (18-crown-6)] <sup>2+</sup> cation. <i>Journal of the American Chemical Society</i> , 1984, 106, 7627-7628.	6.6	23
344	.eta.2-Acyl and methyl complexes of tungsten. Crystal and molecular structures of W(.eta.2-C(O)CH <sub>2</sub> SiMe <sub>3</sub> )Cl(CO)(PMe <sub>3</sub> ) <sub>3</sub> and W(CH <sub>3</sub> )(S <sub>2</sub> CNMe <sub>2</sub> )(CO) <sub>2</sub> (PMe <sub>3</sub> ) <sub>2</sub> . <i>Organometallics</i> , 1991, 10, 61-71.	1.1	23
345	Supramolecular Complexes of Flexible, Extended Cavity Calix[4]arenes? Structural Characterization of a Molecular Venus Flytrap. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1093-1094.	4.4	23
346	Synthesis and X-ray structure of [H <sub>3</sub> O <sup>+</sup> ·18-crown-6] [Br <sup>-</sup> Br <sup>-</sup> Br <sup>-</sup> ]; a compound containing both H <sub>3</sub> O <sup>+</sup> and a linear and symmetrical Br <sup>-</sup> ion crystallized from aromatic solution. <i>Journal of Chemical Crystallography</i> , 1994, 24, 243-245.	0.5	23
347	Ionic galleries: a bilayered host-guest cocrystal of C-propyl pyrogallol[4]arene with an ionic liquid. <i>Chemical Communications</i> , 2012, 48, 5262.	2.2	23
348	Manipulating three-dimensional gel network entanglement by thin film shearing. <i>Chemical Communications</i> , 2016, 52, 4513-4516.	2.2	23
349	Crystal and molecular structure of titanocene dicarbonyl, (η <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Ti(CO) <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 1975, 96, C4-C6.	0.8	22
350	Reaction of trimethylaluminum with crown ethers. III. The synthesis and crystal structure of (12-crown-4)bis(trimethylaluminum). <i>Journal of Inclusion Phenomena</i> , 1985, 3, 65-69.	0.6	22
351	Synthese und Struktur eines Diphosphadigalletans: ein neuartiges, basenstabilisiertes Ga <sub>2</sub> P <sub>2</sub> -Ringsystem. <i>Angewandte Chemie</i> , 1990, 102, 1169-1171.	1.6	22
352	ANIONIC COORDINATION COMPLEXES OF Mo AND W WHICH CRYSTALLIZE FROM LIQUID CLATHRATE MEDIA WITH OXONIUM ION-CROWN ETHER CATIONS. <i>Journal of Coordination Chemistry</i> , 1996, 37, 89-105.	0.8	22
353	Use of metal carbonyls in the formation of [H <sub>5</sub> O <sup>+</sup> ·15-crown-5][MOC <sub>4</sub> (H <sub>2</sub> O)-], (M=Mo, W), and a second sphere coordination complex in [mer-CrCl <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> ·15-crown-5]. <i>Journal of Organometallic Chemistry</i> , 1998, 565, 179-186.	0.8	22
354	Biomimetic Self-Assembly of Co <sup>II</sup> -Seamed Hexameric Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2019, 141, 9151-9154.	6.6	22
355	Alkynes and poly(ethylene glycol) derivatives as nucleophiles and catalysts in substitution reactions of 1-chloroanthraquinones. <i>Journal of Organic Chemistry</i> , 1991, 56, 7059-7065.	1.7	21
356	Encapsulation of Acenaphthene within C <sub>3</sub> -Propanol-pyrogallol[4]arene Dimeric Nanocapsules. <i>Chemistry - A European Journal</i> , 2011, 17, 10848-10851.	1.7	21
357	Hierarchical Self-Assembly of Supramolecular Coordination Polymers Using Giant Metal-Organic Nanocapsules as Building Blocks. <i>Chemistry - A European Journal</i> , 2018, 24, 14335-14340.	1.7	21
358	Coordination Polymers Constructed from Pyrogallol[4]arene-Assembled Metal-Organic Nanocapsules. <i>Accounts of Chemical Research</i> , 2021, 54, 3191-3203.	7.6	21
359	The formation and molecular structure of (η <sup>5</sup> -nitrocyclopentadienyl)dicarbonylrhodium. <i>Journal of Organometallic Chemistry</i> , 1980, 197, 225-232.	0.8	20
360	Stabilisierung des Kations [AlMe <sub>2</sub> ] <sup>+</sup> durch Kronenether. <i>Angewandte Chemie</i> , 1987, 99, 476-478.	1.6	20

#	ARTICLE	IF	CITATIONS
361	Bis[(pentafluorothio)(trifluoromethyl)amido]mercury, Hg[N(CF <sub>3</sub> )SF <sub>5</sub> ] <sub>2</sub> , and bis[(pentafluorotelluro)(trifluoromethyl)amido]mercury, Hg[N(CF <sub>3</sub> )TeF <sub>5</sub> ] <sub>2</sub> . <i>Inorganic Chemistry</i> , 1988, 27, 570-575.	1.9	20
362	(Dimethylphosphino)- and (diphenylphosphino)cyclopentadienyl derivatives of cobalt, rhodium, and iridium: the crystal and molecular structure of dicarbonyl{.mu.-[(.eta.5-cyclopentadienyl)dimethylphosphine-P]}dirhodium. <i>Organometallics</i> , 1989, 8, 2627-2631.	1.1	20
363	Interaction of alkylaluminum reagents with organotransition-metal arene complexes: net addition of alkide, haloalkide, and dichloromethide to [(arene) <sub>2</sub> Fe] <sup>2+</sup> cations. <i>Organometallics</i> , 1992, 11, 337-344.	1.1	20
364	Versatility of p-sulfonatocalix[5]arene in building up multicomponent bilayers. <i>New Journal of Chemistry</i> , 2008, 32, 2100.	1.4	20
365	Acetylene and argon adsorption in a supramolecular organic zeolite. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 311-317.	1.3	20
366	Non-Stoichiometric Liquid Enclosure Compounds ("Liquid Clathrates"). <i>Advances in Chemistry Series</i> , 1976, , 112-127.	0.6	19
367	The cis addition of hydride to .eta.2-alkyne complexes by initial reaction at an .eta.5-cyclopentadienyl (.eta.5-C <sub>5</sub> H <sub>5</sub> ) ring. Crystal and molecular structure of the carbonyl-.eta.5-cyclopentadienyliron complex (.eta.5-C <sub>5</sub> H <sub>5</sub> )FeCO(PPh <sub>3</sub> )[.eta.1-E-C(CO <sub>2</sub> Et):CHMe]. <i>Journal of the American Chemical Society</i> , 1983, 105, 5710-5711.	6.6	19
368	Further studies on organonickel compounds: the synthesis of some new alkyl-, acyl- and cyclopentadienyl-derivatives and the crystal structure of trans-[Ni(CH <sub>2</sub> SiMe <sub>3</sub> ) <sub>2</sub> (PMe <sub>3</sub> ) <sub>2</sub> ]. <i>Polyhedron</i> , 1984, 3, 317-323.	1.0	19
369	Reaction of potassium sulfate with trimethylaluminum and the crystal structures of K <sub>2</sub> [Al <sub>4</sub> Me <sub>12</sub> SO <sub>4</sub> ] and K <sub>2</sub> [Al <sub>4</sub> Me <sub>12</sub> SO <sub>4</sub> ].0.5p-xylene. <i>Organometallics</i> , 1984, 3, 271-274.	1.1	19
370	The crystal and molecular structure of fluoro(hydroxy){tris(dimethylphenylsilyl)methyl}borane. <i>Journal of Organometallic Chemistry</i> , 1985, 294, 23-30.	0.8	19
371	Reaction of trimethylaluminum with calixarenes. I. Synthesis and structure of [Calix[8]arene methyl ether] [AlMe <sub>3</sub> ] <sub>6</sub> ·1/2 toluene and of [p-tert-butylcalix[8]arene methyl ether] [AlMe <sub>3</sub> ] <sub>6</sub> ·1/2 benzene. <i>Journal of Inclusion Phenomena</i> , 1987, 5, 581-590.	0.6	19
372	Crystal and molecular structure of cyclotrimeratrylene. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1990, 20, 465-470.	0.3	19
373	Direct nucleophilic aromatic substitution reactions in the syntheses of anthraquinone derivatives: Chemistry and binding of podands, crown ethers, and a cryptand. <i>Journal of Physical Organic Chemistry</i> , 1992, 5, 482-495.	0.9	19
374	Anion inclusion within the cavity of Î€-metalated p-tert-butylcalix[5]arene. <i>Supramolecular Chemistry</i> , 1996, 6, 235-238.	1.5	19
375	Synthesis and structural characterisation of lower rim halogenated pyrogallol[4]arenes: bi-layers and hexameric nano-capsules. <i>Chemical Communications</i> , 2006, , 3803.	2.2	19
376	Formation of a dimeric host-guest complex via binding between a dicationic ionic liquid and a pyrogallol[4]arene macrocycle. <i>Chemical Communications</i> , 2013, 49, 1802.	2.2	19
377	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018, 9, 2119.	5.8	19
378	Äbergangsmetall-Methylen-Komplexe, LI [1]. Carbocyclische Carbene, Carben-Brücken, kleine Kohlenwasserstoff-Liganden und Metallacyklen: Beispiele einer umfassenden Synthesekonzeption / Transition Metal Methylene Complexes, LI [1]. Carbocyclic Carbenes, Carbene Bridges, Small Hydrocarbon Ligands, and Metallacycles: Examples of a General Synthetic Concept. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1983, 38, 1392-1398.	0.3	18

#	ARTICLE	IF	CITATIONS
379	The crystal structure of $\text{LiBr} \cdot \frac{1}{2}(\text{CH}_3\text{OCH}_2\text{CH}_2\text{OCH}_3)_2$ . Journal of Crystallographic and Spectroscopic Research, 1984, 14, 29-34.	0.3	18
380	Thiocalix[4] arenes. I. Synthesis and structure of ethylthiocalix[4]arene methyl ether and the related structure of bromocalix[4]arene methyl ether. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1990, 9, 195-206.	1.6	18
381	Self-assembling nickel clusters form binding sites for alkali metal cations: novel analogs of enolate aggregates. Journal of the American Chemical Society, 1993, 115, 5962-5969.	6.6	18
382	Transition-Metal Complexes with Pyrazolyl Bridging Ligands between Very Different Metal Centers. Angewandte Chemie International Edition in English, 1980, 19, 931-932.	4.4	17
383	The crystal structures of $\text{NaAlR}_4$ , R=methyl, ethyl, and n-propyl. Journal of Crystallographic and Spectroscopic Research, 1985, 15, 99-107.	0.3	17
384	Synthetic and structural studies on some organic compounds of zirconium. Polyhedron, 1989, 8, 1601-1606.	1.0	17
385	Podand-catalyzed nucleophilic aromatic substitutions of anthraquinones: a novel synthetic approach and a mechanistic suggestion from solid-state data. Journal of Organic Chemistry, 1990, 55, 2269-2270.	1.7	17
386	Structural characterization of a dialkylgallium cation: X-ray crystal structure of $[\text{Me}_2\text{Ga}(\text{tBuNH}_2)_2]^+\text{Br}^-$ . Journal of Organometallic Chemistry, 1992, 425, C1-C3.	0.8	17
387	Eine wasserlösliche molekulare $\alpha$ -Arenfalle mit der Fähigkeit zur Komplexbildung von Anionen. Angewandte Chemie, 1994, 106, 2571-2573.	1.6	17
388	Isostructural coordination polymers: epitaxis vs. solid solution. CrystEngComm, 2011, 13, 4311.	1.3	17
389	Anion- and Spacer-Directed Host-Guest Complexes of Bipyridine with Pyrogallol[4]arene. Chemistry - A European Journal, 2015, 21, 10431-10435.	1.7	17
390	Site-Specific Metal Chelation Facilitates the Unveiling of Hidden Coordination Sites in an $\text{Fe}^{\text{II}}/\text{Fe}^{\text{III}}$ -Seamed Pyrogallol[4]arene Nanocapsule. Journal of the American Chemical Society, 2018, 140, 15611-15615.	6.6	17
391	An Indium-Seamed Hexameric Metal-Organic Cage as an Example of a Hexameric Pyrogallol[4]arene Capsule Conjoined Exclusively by Trivalent Metal Ions. Angewandte Chemie - International Edition, 2020, 59, 8062-8065.	7.2	17
392	On the non-innocence of the imidazolium cation in a rapid microwave synthesis of oleylamine-capped gold nanoparticles in an ionic liquid. Chemical Communications, 2018, 54, 7523-7526.	2.2	17
393	The crystal and molecular structures of formyl-, cyano-, and amino-cyclopentadienyldicarbonylnitrosylchromium. Journal of Crystallographic and Spectroscopic Research, 1988, 18, 767-778.	0.3	16
394	Synthesis and Structures of two Bulky Gallium Chlorides. Journal of Coordination Chemistry, 1992, 25, 233-239.	0.8	16
395	Syntheses and Structures of $[\text{NMe}_2(\frac{1}{4}\text{-NMe}_2)\text{GaCl}]_2$ and $[\text{TMP}(\frac{1}{4}\text{-OEt})\text{GaCl}]_2$ (TMP = Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	16
396	Structural Reorganization of the Doubly Protonated[222] Cryptand through Cation- $\pi$ and Charge-Charge Interactions: Synthesis and Structure of Its $[\text{CoCl}_4]^- \cdot 0.5 \text{C}_6\text{H}_5\text{CH}_3$ Salt. Angewandte Chemie International Edition in English, 1996, 35, 1828-1830.	4.4	16

#	ARTICLE	IF	CITATIONS
397	Investigation of encapsulation of insulin biotemplate within C-methylresorcin[4]arenes. <i>Chemical Communications</i> , 2012, 48, 3599.	2.2	16
398	Pyrogallol[4]arenes as Frustrated Organic Solids. <i>Journal of the American Chemical Society</i> , 2013, 135, 16963-16967.	6.6	16
399	Construction of Supramolecular Organic Frameworks Based on Noria and Bipyridine Type Spacers. <i>Crystal Growth and Design</i> , 2017, 17, 7-10.	1.4	16
400	The crystal and molecular structure of $K[Al_2(CH_3)_6SCN]$ , a compound which contains an S,N-bridging thiocyanate ligand. <i>Journal of Organometallic Chemistry</i> , 1979, 171, 9-16.	0.8	15
401	Stereochemically nonrigid silanes, germanes, and stannanes. 12. Crystal and molecular structures of tetrakis(.eta.1-indenyl) derivatives of germanium and tin: meso diastereoisomers with $S_4$ symmetry. <i>Organometallics</i> , 1984, 3, 1500-1504.	1.1	15
402	Behavior of $M[Al_2Me_6N_3]$ ( $M=K, Rb, Cs$ ) with aromatic solvents and the crystal structures of $Cs[Al_2Me_6N_3] \cdot \frac{1}{2} 2p$ -xylene and $[K] \cdot \frac{1}{2} \text{dibenzo-18-crown-6}$ $[Al_2Me_6N_3] \cdot \frac{1}{2} 1.5(1\text{-methyl-naphthalene})$ . <i>Journal of Inclusion Phenomena</i> , 1985, 3, 113-123.	0.6	15
403	Pyrolyl complexes of the early transition metals. 3. Preparation and crystal structure of $(\eta^5\text{-C}_5\text{H}_5)_2\text{Zr}(\eta^1\text{-NC}_4\text{H}_2\text{Me}_2)_2$ and $\text{Zr}(\eta^1\text{-NC}_4\text{H}_2\text{Me}_2)_4$ . <i>Canadian Journal of Chemistry</i> , 1986, 64, 1254-1257.	0.6	15
404	SYNTHESIS AND MOLECULAR STRUCTURE OF $[Al(CH_3)_3]_2[Al(CH_3)_3]_2[15\text{-aneN}_4]$ AN ALUMINUM-NITROGEN MACROCYCLIC CAGE. <i>Journal of Coordination Chemistry</i> , 1988, 17, 373-379.	0.8	15
405	Stabilization of $H_2O \cdot BF_3$ by hydrogen bonding to 18-crown-6. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1991, 10, 153-158.	1.6	15
406	Synthesis and X-ray structures of $[H_3O^+ \cdot 18\text{-crown-6}]_n [MCl_4]^{n-}$ ; ( $M=Fe, n=1; M=Co, n=2$ ); compounds which form liquid clathrates with aromatic solutions. <i>Journal of Chemical Crystallography</i> , 1994, 24, 247-250.	0.5	15
407	Illuminating host-guest cocrystallization between pyrogallol[4]arenes and the ionic liquid 1-ethyl-3-methylimidazolium ethylsulfate. <i>CrystEngComm</i> , 2014, 16, 6010-6022.	1.3	15
408	Syntheses and characterization of aryl-substituted pyrogallol[4]arenes and resorcin[4]arenes. <i>CrystEngComm</i> , 2016, 18, 222-229.	1.3	15
409	Preparation of Magnesium-Seamed Alkylpyrogallol[4]arene Nanocapsules with Varying Chain Lengths. <i>Chemistry - A European Journal</i> , 2017, 23, 8520-8524.	1.7	15
410	Metal Ion Transport Across Metal-organic Pyrogallol[4]arene-based Nanocapsules. <i>Current Organic Chemistry</i> , 2013, 17, 1481-1488.	0.9	15
411	Brominations of some 1,2,4-triazine 2-oxides. <i>Journal of Organic Chemistry</i> , 1978, 43, 2514-2517.	1.7	14
412	Preparation and properties of dinitrogen complexes of molybdenum and tungsten with trimethylphosphine as coligand. <i>Journal of Organometallic Chemistry</i> , 1982, 238, C63-C66.	0.8	14
413	A facile synthesis of functionalized 9,10-anthracenediones via tosylate and triflate phenolic activation. <i>Tetrahedron Letters</i> , 1985, 26, 157-160.	0.7	14
414	Indium-based liquid clathrates. II. Inclusion compounds derived from salts of the tetrachloroindate anion, $InCl_4^-$ , and the crystal structure of $[Li] \cdot \frac{1}{2} 15\text{-c-5}$ $[In(CH_3)_3Cl]$ ( $15\text{-c-5}=15\text{-crown-5}$ ). <i>Journal of Inclusion Phenomena</i> , 1987, 5, 683-688.	0.6	14



#	ARTICLE	IF	CITATIONS
415	Investigating Structural Alterations in Pyrogallol[4]areneâ€Pyrene Nanotubular Frameworks. <i>Small</i> , 2012, 8, 3321-3325.	5.2	14
416	Process Development for Separation of Conformers from Derivatives of Resorcin[4]arenes and Pyrogallol[4]arenes. <i>Chemistry - A European Journal</i> , 2016, 22, 15202-15207.	1.7	14
417	PREPARATION AND STRUCTURE OF THE [YbCl <sub>2</sub> ·15-CROWN-5] <sup>+</sup> CATION, AN EXAMPLE OF SEVEN-COORDINATE YTTERBIUM. <i>Journal of Coordination Chemistry</i> , 1987, 16, 93-96.	0.8	13
418	HYDROGEN-BONDED TETRAMETHYLETHYLENEDIAMMONIUM AND TRIPHENYLPHOSPHONIUM COMPLEXES DERIVED FROM LIQUID CLATHRATE MEDIA. <i>Journal of Coordination Chemistry</i> , 1999, 46, 505-518.	0.8	13
419	Hetero-bimetallic cage molecules: solvated Na <sub>2</sub> M <sub>2</sub> (p-sulfonatocalix[4]arene) <sub>2</sub> , M <sup>3+</sup> , Eu. <i>CrystEngComm</i> , 2001, 3, 18-20.	1.3	13
420	Hydrogen bonds assist the organization of up to 11 guests within self-assembling cavities of nanometer dimensions. <i>Journal of Supramolecular Chemistry</i> , 2001, 1, 125-130.	0.4	13
421	Periodic Nanostructures Based on Metalâ€Organic Frameworks (MOFs): En Route to Zeolite-Like Metalâ€Organic Frameworks (ZMOFs). , 0, , 251-274.		13
422	Spectroscopic investigations of pyrene butanol encapsulated in C-hexylpyrogallol[4]arene nanocapsules. <i>New Journal of Chemistry</i> , 2010, 34, 2587.	1.4	13
423	Zinc(II)-Directed Self-Assembly of Metalâ€Organic Nanocapsules. <i>Crystal Growth and Design</i> , 2017, 17, 4501-4503.	1.4	13
424	Borohydride stabilized goldâ€silver bimetallic nanocatalysts for highly efficient 4-nitrophenol reduction. <i>Nanoscale Advances</i> , 2019, 1, 4665-4668.	2.2	13
425	The formation and molecular structure of bis(1-5-cyclopentadienyl)bis(pentafluorophenyl)-vinylenevanadium: an acetylene derivative of vanadocene. <i>Journal of Organometallic Chemistry</i> , 1980, 197, 217-224.	0.8	12
426	Structure of juncunone: a biogenetically intriguing molecule from the marsh plant <i>Juncus roemerianus</i> . <i>Journal of Organic Chemistry</i> , 1981, 46, 2813-2815.	1.7	12
427	The formation and molecular structure of (.eta.4-tetraphenylcyclobutadiene)dicarbonylnitrosylmanganese. <i>Organometallics</i> , 1982, 1, 1567-1571.	1.1	12
428	REACTION OF EARLY TRANSITION METAL COMPLEXES WITH MACROCYCLES. IV. SYNTHESIS AND STRUCTURE OF [(PPh <sub>4</sub> ) <sub>2</sub> ][18-CROWN-6·(VCl <sub>4</sub> ) <sub>2</sub> ] AND 18-CROWN-6·VCl <sub>3</sub> ·H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 1988, 17, 53-61.	0.8	12
429	Free energies of CO <sub>2</sub> ·H <sub>2</sub> capture by p-tert-butylcalix[4]arene: A molecular dynamics study. <i>Journal of Chemical Physics</i> , 2007, 127, 104703.	1.2	12
430	Structural Diversity of Methyl-Substituted Inclusion Complexes of Calix[5]arene. <i>Crystal Growth and Design</i> , 2007, 7, 2059-2065.	1.4	12
431	The synthesis and structural characterisation of two polynuclear hafnium(IV) complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 1344-1348.	1.2	12
432	Solvent mediated self-assembly of organic nanostructures. <i>New Journal of Chemistry</i> , 2011, 35, 784.	1.4	12

#	ARTICLE	IF	CITATIONS
433	Encapsulation of manganese and cobalt complexes within resorcin[4]arene dimers. CrystEngComm, 2014, 16, 7172-7175.	1.3	12
434	Structural alteration of the metal-organic pyrogallol[4]arene nano-capsule motif by incorporation of large metal centres. Chemical Communications, 2014, 50, 4508.	2.2	12
435	Endo vs Exo Bowl: Complexation of Xanthone by Pyrogallol[4]arenes. Crystal Growth and Design, 2014, 14, 4205-4213.	1.4	12
436	Self-assembly of M <sub>7</sub> L <sub>2</sub> metal-organic nanocapsules using mixed macrocycles. Chemical Communications, 2017, 53, 9613-9615.	2.2	12
437	Interaction of aromatic hydrocarbons with organometallic compounds of the main group elements: VI. Synthesis and crystal structure of cesium diiododimethylaluminum- <i>p</i> -xylene solvate, Cs[Al(CH <sub>3</sub> ) <sub>2</sub> I] <sub>2</sub> ·½C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub> . Journal of Crystal and Molecular Structure, 1979, 9, 45-53.	0.4	11
438	Structural and chemical characterization of a phosphine bound M-H-M bridged carbonylate: Et <sub>4</sub> N <sup>+</sup> (μ-H)[Mo <sub>2</sub> (CO) <sub>9</sub> PPh <sub>3</sub> ] <sup>-</sup> . Journal of the American Chemical Society, 1979, 101, 2631-2637.	6.6	11
439	Reduction of sugars with aluminium alkyls. Preparation and structure of [AlCl <sub>2</sub> (NC <sub>5</sub> H <sub>5</sub> )(OEt)] <sub>2</sub> (½-O)(¼-AlCl <sub>2</sub> ·2NC <sub>5</sub> H <sub>5</sub> ). Polyhedron, 1990, 9, 309-312.	1.0	11
440	Reaction of (t-BuGaCl <sub>2</sub> ) <sub>2</sub> with Ar <sup>+</sup> PHLi (Ar <sup>+</sup> = 2,4,6-t-Bu <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ): Preparation of the chloride-bridged dimer (t-BuGa(Cl)P(H)Ar <sup>+</sup> ) <sub>2</sub> . Heteroatom Chemistry, 1991, 2, 11-15.	0.4	11
441	Synthesis and X-Ray Structure of Me <sub>2</sub> InI(NH <sub>2</sub> ) <sub>2</sub> ( <i>t</i> -Bu): The First Structurally Characterized Amine Adduct of a Dialkyl Indium Iodide. Journal of Coordination Chemistry, 1992, 26, 293-297.	0.8	11
442	Crystal and molecular structure of [H <sub>3</sub> O <sup>+</sup> ·18-crown-6] <sub>2</sub> ·[ReCl <sub>6</sub> ] isolated from a liquid clathrate medium. Journal of Chemical Crystallography, 1996, 26, 59-61.	0.5	11
443	NEW, SIMPLE COORDINATION COMPOUNDS OF Cr, Mo, AND W FROM LIQUID CLATHRATE MEDIA. Journal of Coordination Chemistry, 1996, 40, 247-251.	0.8	11
444	Synthesis and Structure of a One-Dimensional Coordination Polymer Based Upon Tetracyanocalix[4]arene in the Cone Conformation. Supramolecular Chemistry, 2000, 12, 317-320.	1.5	11
445	Nano-Capsules Assembled by the Hydrophobic Effect. , 0, , 291-304.		11
446	Metal Organic Nanocapsules as Two-Dimensional Network Building Blocks. Journal of Physical Chemistry C, 2016, 120, 13159-13168.	1.5	11
447	Preparation of Anionic Metal-Seamed Pyrogallol[4]arene Nanocapsules via Surface Functionalization. Crystal Growth and Design, 2017, 17, 4541-4543.	1.4	11
448	A M <sub>18</sub> L <sub>6</sub> metal-organic nanocapsule with open windows using mixed macrocycles. Chemical Communications, 2018, 54, 635-637.	2.2	11
449	Crystal and molecular structure of rubidium azidotrimethylaluminum, Rb[Al(CH <sub>3</sub> ) <sub>3</sub> N <sub>3</sub> ]. Journal of Crystal and Molecular Structure, 1977, 7, 257-264.	0.4	10
450	Synthesis and structure of (η <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Hf(η <sup>1</sup> -NC <sub>4</sub> H <sub>4</sub> ) <sub>2</sub> . Journal of Crystallographic and Spectroscopic Research, 1984, 14, 21-28.	0.3	10

#	ARTICLE	IF	CITATIONS
451	Synthesis and crystal structure of [( $\eta^5$ -C <sub>9</sub> H <sub>11</sub> )TiCl( $\eta^0$ )] <sub>4</sub> . Journal of Crystallographic and Spectroscopic Research, 1984, 14, 573-579.	0.3	10
452	Cyclization of phenylpropionic acid on titanocene. Synthesis and molecular structure of di- $\eta^5$ -cyclopentadienyl(cinnamylato-C <sub>3</sub> O)titanium/phenylpropionic acid (1/1), a novel titanacycle. Synthesis of dicyclopentadienylbis(phenylpropiolato)titanium. Journal of Organometallic Chemistry, 1986, 311, 325-331.	0.8	10
453	REACTIVITY OF THE DIPHOSPHINE Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> WITH [( $\eta^6$ -p-CH <sub>3</sub> -C <sub>6</sub> H <sub>4</sub> -C <sub>6</sub> H <sub>4</sub> -H) <sub>4</sub> Pr <sup>i</sup> RuCl <sub>2</sub> ] <sub>2</sub> CRYSTAL STRUCTURES OF RUTHENIUM COMPLEXES CONTAINING MONODENTATE AND SINGLY-BRIDGING DIPHOSPHINE LIGANDS. Journal of Coordination Chemistry, 1987, 16, 9-17.	0.8	10
454	Crystal structures of ( $\eta^5$ -C <sub>5</sub> H <sub>4</sub> COMe)M(CO) <sub>3</sub> Me (M=Mo, W). Journal of Crystallographic and Spectroscopic Research, 1990, 20, 555-560.	0.3	10
455	3'-Formyl-2',4',6'-trihydroxy-5'-methylhydrochalcone, a Prospective New Agrochemical from Psidium acutangulum. Journal of Natural Products, 1990, 53, 1548-1551.	1.5	10
456	A Novel Gallium <sup>III</sup> Phosphorus Cage Compound. Angewandte Chemie International Edition in English, 1991, 30, 1141-1143.	4.4	10
457	Structure of p-tert-butylcalix[5]arene-ethyl acetate. A polymeric array of neighbor-included calixarenes. Journal of Chemical Crystallography, 1994, 24, 573-576.	0.5	10
458	Cationic, Neutral, and Anionic Organoaluminum Species in [AlMe <sub>2</sub> (18-crown-6)AlMe <sub>2</sub> X][AlMe <sub>3</sub> ] (X =) Tj ETQq0 0,0 rgBT /Oyerlock 10	1.1	10
459	Inclusion of organic cations by p-sulfonatocalix[4]arene. Crystal and molecular structure of the supramolecular complexes Na <sub>2</sub> (pyridinium) <sub>2</sub> [Cu(H <sub>2</sub> O) <sub>4</sub> (NC <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ] <sub>2</sub> and Na <sub>4</sub> (morpholinium) p-sulfonatocalix[4]arene-8H <sub>2</sub> O. Supramolecular Chemistry, 1996, 7, 209-213.	1.1	10
460	The "boat" Conformation of a Resorcin[4]arene Self-assembles as a "T-shaped" Building Block in the Solid State to Form a Linear ID Hydrogen-bonded Array. Supramolecular Chemistry, 2000, 11, 293-299.	1.5	10
461	Very Large Supramolecular Capsules Based on Hydrogen Bonding. Perspectives in Supramolecular Chemistry, 2003, , 153-175.	0.1	10
462	Solution superstructures: truncated cubeoctahedron structures of pyrogallol[4]arene nanoassemblies. Chemical Communications, 2014, 50, 109-111.	2.2	10
463	Cocrystallization of pyrogallol[4]arenes with 1-(2-pyridylazo)-2-naphthol. CrystEngComm, 2014, 16, 10760-10773.	1.3	10
464	Solvent-Modulated Formation of "Pac-man" and Capsular "Guest Bilayers from a Dicationic Ionic Liquid and n-Butylpyrogallol[4]arene. Crystal Growth and Design, 2014, 14, 4199-4204.	1.4	10
465	Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal-Organic Nanocapsules. Journal of the American Chemical Society, 2018, 140, 13022-13027.	6.6	10
466	Controlled hierarchical self-assembly of networked coordination nanocapsules via the use of molecular chaperones. Chemical Science, 2020, 11, 12547-12552.	3.7	10
467	Synthesis and crystal structure of the novel hexanuclear manganese complex [Mn <sub>6</sub> (CO) <sub>9</sub> {OP(OEt) <sub>2</sub> }] <sub>9</sub> . Journal of Organometallic Chemistry, 1980, 190, C14-C16.	0.8	9
468	Bis(dinitrogen)- and Diethylene-molybdenum(0) Complexes. Angewandte Chemie International Edition in English, 1982, 21, 441-442.	4.4	9

#	ARTICLE	IF	CITATIONS
469	The crystal and molecular structure of SnBr[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> . Journal of Crystallographic and Spectroscopic Research, 1983, 13, 1-7.	0.3	9
470	Synthesis, structure, and solution behavior of [Na · 15-crown-5][Mn(CO) <sub>5</sub> ]. Journal of Organometallic Chemistry, 1988, 358, 295-300.	0.8	9
471	Air-stable liquid clathrates. 1. Crystal structure of [NBu <sub>4</sub> ][Br <sub>3</sub> ] and reactivity of the [NBu <sub>4</sub> ][Br <sub>3</sub> ] <sub>1/2</sub> 5 C <sub>6</sub> H <sub>6</sub> liquid clathrate. Journal of Crystallographic and Spectroscopic Research, 1990, 20, 199-201.	0.3	9
472	Structure, Conformation and Reactivity of Organotransition Metal $\pi$ -Complexes. part 2 <sup>&gt;1&lt;/sup&gt;. X-Ray Crystallographic Characterization of Two Neutral Half-Sandwich Cr(CO)<sub>3</sub>Complexes. Journal of Coordination Chemistry, 1990, 22, 209-217.</sup>	0.8	9
473	Anion binding, aryl-extended cyclotriguaiacylenes and an aryl-bridged cryptophane that provides snapshots of a molecular gating mechanism. Supramolecular Chemistry, 2010, 22, 870-890.	1.5	9
474	A new ring transformation of 3-chloro-2-azidopyridine 1-oxides. A novel synthesis of 1,2-oxazin-6-ones. Journal of Heterocyclic Chemistry, 1976, 13, 415-417.	1.4	8
475	Electron paramagnetic resonance studies of manganese(II) and nickel(II) in three structural phases of rubidium magnesium chloride and the crystal structure of 6H-rubidium magnesium chloride. Inorganic Chemistry, 1981, 20, 140-145.	1.9	8
476	Triethylaluminum-Based Ferrocenylalanes. Synthesis and Crystal Structure of (I <sup>&gt;5&lt;/sup&gt;<math>\pi</math>-C<sub>5</sub>H<sub>5</sub>)Fe(I<sup>&gt;5&lt;/sup&gt;<math>\pi</math>-C<sub>5</sub>H<sub>5</sub>)Fe(I<sup>&gt;5&lt;/sup&gt;<math>\pi</math>-C<sub>5</sub>H<sub>5</sub>)H<sub>4</sub>Al<sub>2</sub>(C<sub>8</sub>H<sub>16</sub>)<sub>2</sub>. Journal of Coordination Chemistry, 1987, 16, 219-224.</sup></sup></sup>	0.3	8
477	Evidence for hydrogen bonds in 1,2-dimethyl-3-propylimidazolium chloride and its chloroaluminate molten salts. Journal of Crystallographic and Spectroscopic Research, 1993, 23, 601-606.	0.3	8
478	Rotaxanes as Ligands for Molecular Machines and Metal-Organic Frameworks. , 0, , 33-61.		8
479	Hierarchical Coordination Frameworks Based on Metal-Organic Dimeric Nanocapsules Comprising Praseodymium and Pyrogallol[4]arene. Crystal Growth and Design, 2021, 21, 1891-1897.	1.4	8
480	Crystal and molecular structure of cesium isothiocyanatotrimethylaluminate, Cs[Al(CH <sub>3</sub> ) <sub>3</sub> NCS]. Journal of Crystal and Molecular Structure, 1979, 9, 135-141.	0.4	7
481	Synthesis and crystal structure of [( $\eta$ -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> HfO] <sub>3</sub> $\cdot$ $\frac{1}{2}$ C <sub>6</sub> H <sub>5</sub> Me. Journal of Crystallographic and Spectroscopic Research, 1982, 12, 239-244.	0.3	7
482	The crystal and molecular structure of [K $\frac{1}{2}$ DB-18-C-6][AlMe <sub>3</sub> NO <sub>3</sub> ] $\cdot$ $\frac{1}{2}$ 0.5C <sub>6</sub> H <sub>6</sub> . Journal of Crystallographic and Spectroscopic Research, 1984, 14, 1-11.	0.3	7
483	The crystal structure of [NBu <sub>4</sub> n][AlI <sub>4</sub> ]. Journal of Crystallographic and Spectroscopic Research, 1984, 14, 333-339.	0.3	7
484	Cistulynes: Proton NMR and single-crystal x-ray evidence for structure and cation encapsulation in a rigid, molecular channel model system. Tetrahedron Letters, 1989, 30, 5099-5102.	0.7	7
485	Hydrazinophosphine complexes of iron: metallacycle formation via attack on coordinated carbon monoxide. Inorganic Chemistry, 1991, 30, 1955-1957.	1.9	7
486	Chemistry in a nutshell. Nature, 1991, 354, 354-355.	13.7	7

#	ARTICLE	IF	CITATIONS
487	Inclusion chemistry of cyclotetraeratriylene. <i>Supramolecular Chemistry</i> , 1994, 4, 185-190.	1.5	7
488	A Redox-switchable Molecular Receptor Based on Anthraquinone. <i>Supramolecular Chemistry</i> , 1998, 9, 199-202.	1.5	7
489	Syntheses and X-Ray Crystal Structures of Novel Oxonium Ion-12-Crown-4 Complexes Isolated From Liquid Clathrate Media. <i>Journal of Coordination Chemistry</i> , 2000, 51, 379-397.	0.8	7
490	Inclusion complexes of 18-crown-6 and (Na+@ [2.2.2]cryptand) in [C-methylcalix[4]resorcinarene-Hn], n@S@=@S@O, 1. <i>CrystEngComm</i> , 2001, 3, 41-43.	1.3	7
491	Bis(distickstoff)- und Diethylen-MolybdAn(0)-Komplexe. <i>Angewandte Chemie</i> , 1982, 94, 467-467.	1.6	7
492	Conservation of a unique noncovalent motif in a tetracyanoresorcin[4]arene silver complex. <i>CrystEngComm</i> , 2013, 15, 1673.	1.3	7
493	Novel magnesium-seamed organic nanocapsules with hierarchical structural complexity. <i>Chemical Communications</i> , 2017, 53, 12144-12147.	2.2	7
494	Molecular Entrapment of Polymers by Pyrogallol[4]arenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 693-698.	6.6	7
495	Self@Assembly of a Semiconductive and Photoactive Heterobimetallic Metal@Organic Capsule. <i>Angewandte Chemie</i> , 2021, 133, 10610-10614.	1.6	7
496	N-(p-Bromophenyl) [2.2] (2,5)pyrrolophane. Synthesis and self-condensation. <i>Journal of Organic Chemistry</i> , 1976, 41, 2963-2965.	1.7	6
497	Reaction of trimethylaluminum with crown ethers. IV. Crystal structure of (18-crown-6)tetrakis-(trimethylaluminum)@1/2p-xylene solvate. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1985, 15, 445-452.	0.3	6
498	Ferrocenesulfonyl azide: structure and kinetics of solution thermolysis. <i>Journal of Organic Chemistry</i> , 1985, 50, 2742-2746.	1.7	6
499	Synthesis and structure of (H2O)@1/2HBF4)2(18-crown-6). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1992, 22, 349-352.	0.3	6
500	Pseudo-polymorphism in the toluene solvate of p-tert-butylcalix[5]arene: structural and gas sorption investigation. <i>New Journal of Chemistry</i> , 2008, 32, 2095.	1.4	6
501	18-Crown-6 templates offset-linked pyrogallol[4]arene dimers. <i>Supramolecular Chemistry</i> , 2013, 25, 591-595.	1.5	6
502	Packing arrangements of copper-seamed C-alkylpyrogallol[4]arene nanocapsules with varying chain lengths. <i>CrystEngComm</i> , 2014, 16, 3718-3721.	1.3	6
503	Investigating Properties and Trends of Cocrystals Composed of Pyrogallol[4]arenes and Anthracene-Based Fluorescent Probes. <i>Crystal Growth and Design</i> , 2015, 15, 2958-2978.	1.4	6
504	lonothermal synthesis of magnetically-retrievable mesoporous carbons from alkyne-appended ionic liquids and demonstration of their use in selective dye removal. <i>New Journal of Chemistry</i> , 2018, 42, 1979-1986.	1.4	6

#	ARTICLE	IF	CITATIONS
505	Metallosupramolecular Complexes Based on Pyrogallol[4]arenes. <i>Advances in Inorganic Chemistry</i> , 2018, , 247-276.	0.4	6
506	SIGMA-BONDED ORGANOMETALLIC DERIVATIVES OF THE LANTHANIDES AND ACTINIDES*. <i>Annals of the New York Academy of Sciences</i> , 1974, 239, 160-170.	1.8	5
507	Bis-Dinitrogen and Diethylene Complexes of Molybdenum (0). <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1116-1120.	4.4	5
508	Die Reaktion von (Butadien)zirconocen und -hafnocen mit Ethylen. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1974-1983.	4.4	5
509	Indium-based liquid clathrates. I. The preparation of the first indium liquid inclusion compound and crystal structure of its parent complex, $[K \frac{1}{2} 18\text{-Crown-6}]_2[\text{InCl}_2(\text{CH}_3)]_2[\text{InCl}(\text{CH}_3)_2]$ . <i>Journal of Inclusion Phenomena</i> , 1987, 5, 605-610.	0.6	5
510	SYNTHESIS AND CRYSTAL STRUCTURE OF A NOVEL MIXED VALENCE IRON COMPOUND, $[(\eta^5\text{-CYCLOPENTADIENYL})(\eta^6\text{-TETRALIN})\text{Fe(II)}]_3[\text{Fe(III)(NCS)}_6]$ . <i>Journal of Coordination Chemistry</i> , 1988, 17, 339-345.	0.8	5
511	The first example of a lariat ether that forms a pseudo-sandwich complex. <i>Tetrahedron Letters</i> , 1989, 30, 2489-2492.	0.7	5
512	Crystal structure of dinitratotris(pyridine)nickel(II), $\text{Ni}(\text{NC}_5\text{H}_5)_3(\text{NO}_3)_2$ . <i>Journal of Crystallographic and Spectroscopic Research</i> , 1990, 20, 631-633.	0.3	5
513	Synthesis and characterization of polyaromatic zinc derivatives of $(\eta^5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})_2$ and $(\eta^5\text{-C}_9\text{H}_7)\text{Fe}(\text{CO})_2$ : X-ray crystal structures of 4- $[(\eta^5\text{-cyclopentadienyl})\text{iron}(\text{CO})_2]$ -7-chloroquinoline, 2- $[(\eta^5\text{-cyclopentadienyl})\text{iron}(\text{CO})_2]$ -3-chloroquinoxaline, and 2- $[(\eta^5\text{-indenyl})\text{iron}(\text{CO})_2]$ -3-chloroquinoxaline. <i>Journal of Organometallic Chemistry</i> , 1996, 526, 1-14.	0.8	5
514	Synthesis and structure of $(\text{H}_2\text{O})(12\text{-crown-4})\text{-Co(II)}(\text{Co(II)Cl}_3)(\eta^4\text{-Cl})$ isolated from a liquid clathrate medium. <i>Journal of Chemical Crystallography</i> , 1997, 27, 453-456.	0.5	5
515	Oxygen-center laden $C_{2h}$ symmetry resorcin[4]arenes. <i>Journal of Supramolecular Chemistry</i> , 2001, 1, 35-38.	0.4	5
516	Opportunities in Nanotechnology via Organic Solid-State Reactivity: Nanostructured Co-Crystals and Molecular Capsules. , 0, , 305-315.		5
517	Separation of Active Pharmaceutical Ingredients (APIs) from Excipients in Pharmaceutical Formulations. <i>Crystal Growth and Design</i> , 2015, 15, 2874-2877.	1.4	5
518	Metal exchange study of pyrogallol[4]arene based dimers. <i>CrystEngComm</i> , 2016, 18, 4909-4913.	1.3	5
519	Phase dependent structural perturbation of a robust multicomponent assembled icosahedral array. <i>Chemical Communications</i> , 2018, 54, 10824-10827.	2.2	5
520	Crystal and molecular structure of 5-amino-1,2,3,4-thiaziazole. <i>Journal of Crystal and Molecular Structure</i> , 1979, 9, 173-179.	0.4	4
521	Crystal and molecular structure of $(\eta^5\text{-C}_5\text{H}_5)\text{Ta}(\eta^2\text{-C}_2\text{H}_4)\text{Cl}_2(\text{PMe}_2\text{Ph})_2$ , a sterically crowded molecule which exhibits a distorted $\eta^5$ -coordination mode of the cyclopentadienyl ligand. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1982, 12, 205-221.	0.3	4
522	Synthesis and x-ray crystal structure of $\text{OsBr}_2(\text{CNBut})_4 \cdot 2\text{CH}_2\text{Cl}_2$ . <i>Polyhedron</i> , 1984, 3, 385-387.	1.0	4

#	ARTICLE	IF	CITATIONS
523	Heterocyclophane complexes of transition metals. 1. Synthesis and crystal structure of both the (.eta.5-[2.2](2,5)pyrroloparacyclophane)tricarbonylchromium and the (.eta.6-[2.2](2,5)pyrroloparacyclophane)tricarbonylchromium. <i>Organometallics</i> , 1985, 4, 1697-1700.	1.1	4
524	Supramolekulare Komplexe von Calix[4]arenen mit beweglichem erweitertem Hohlraum â€•Struktur einer molekularen Venusfliegenfalle. <i>Angewandte Chemie</i> , 1993, 105, 1114-1115.	1.6	4
525	Selective Complexation in Three Component Cocrystals Composed of Pyrogallol[4]arene and Fluorescent Probes Pyrene and 1-(2-Pyridylazo)-2-naphthol. <i>Crystal Growth and Design</i> , 2015, 15, 3992-3998.	1.4	4
526	Establishing trends based on solvent system changes in cocrystals containing pyrogallol[4]arenes and fluorescent probes rhodamine B and pyronin Y. <i>CrystEngComm</i> , 2015, 17, 4475-4485.	1.3	4
527	Sorption of CO <sub>2</sub> in a hydrogen-bonded diamondoid network of sulfonylcalix[4]arene. <i>Supramolecular Chemistry</i> , 2018, 30, 540-544.	1.5	4
528	Novel ketoâ€•enol tautomerism in 1,3,5-trihydroxybenzene systems. <i>Chemical Communications</i> , 2020, 56, 12985-12988.	2.2	4
529	New Inclusion Methods for Separations Problems. <i>Separation Science and Technology</i> , 1984, 19, 751-759.	1.3	3
530	Synthesis and base-induced methylation reactions of cis-7a-hydroxy-3a-(phenylsulfonyl)-3a,4,5,6,7,7a-hexahydro-4-indanone. <i>Journal of Organic Chemistry</i> , 1987, 52, 1280-1284.	1.7	3
531	Crystal and molecular structure of S-methyl(pentafluorosulfanyl)thiocarbamate. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1987, 17, 187-196.	0.3	3
532	Notizen: The Synthesis and Crystal Structure of (R*,R*)-(Â±)-[(Î·5-C5H5){1,2-C6H4(PMePh)2}Fe(PCI3)]Cl Â· Â· 2 MeCN. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1989, 44, 615-618.	0.3	3
533	Crystal structure of cyanocalix[4]arene methyl ether. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 681-684.	0.3	3
534	On the crystal structure of hexathia-18-crown-6. <i>Supramolecular Chemistry</i> , 1994, 3, 241-242.	1.5	3
535	RES2INS: a graphical interface for theSHELXprogram suite. <i>Journal of Applied Crystallography</i> , 1998, 31, 963-964.	1.9	3
536	Controlling Aromatic Inclusion Within Nonaqueous Copper Iodide Coordination Polymers. <i>Supramolecular Chemistry</i> , 2001, 12, 353-356.	1.5	3
537	Nano-dimensions for the pyrogallol[4]arene cavity. <i>Chemical Communications</i> , 2005, , 2787.	2.2	3
538	Increased control over the desolvation of p-tert-butylcalix[5]arene. <i>CrystEngComm</i> , 2009, 11, 33-35.	1.3	3
539	Application of Cocrystallization for the Separation of <i>C</i>-Ethylresorcin[6]arene from <i>C</i>-Ethylresorcin[4]arene. <i>Crystal Growth and Design</i> , 2017, 17, 4060-4063.	1.4	3
540	Solid- and gas-phase structures and spectroscopic and chemical properties of tris(pentafluorosulfanyl)amine, N(SF5)3, and bis(pentafluorosufanyl)aminyl radical, N(SF5)2. <i>Journal of Molecular Structure</i> , 2017, 1132, 11-19.	1.8	3

#	ARTICLE	IF	CITATIONS
541	Formation of Water Channels in the Crystalline Hydrates of Macrocyclic Compounds. Chemistry - A European Journal, 2018, 24, 3299-3304.	1.7	3
542	An Indium-Seamed Hexameric Metal-Organic Cage as an Example of a Hexameric Pyrogallol[4]arene Capsule Conjoined Exclusively by Trivalent Metal Ions. Angewandte Chemie, 2020, 132, 8139-8142.	1.6	3
543	Solution-Phase Magnetic Mechanistic Study of Ni-Seamed Pyrogallol[4]arene Nanocapsules Reveal Presence of Novel Cylindrical and Spherical species. Angewandte Chemie - International Edition, 2022, , .	7.2	3
544	Crystal and molecular structure of dichlorofluoroacetamide. Journal of Crystal and Molecular Structure, 1980, 10, 115-121.	0.4	2
545	Crystal structure of bromofluoroacetic acid: a chiral molecule. Journal of Crystal and Molecular Structure, 1981, 11, 105-111.	0.4	2
546	Structure of chlorotrimethylphosphine cobalt(I), C <sub>9</sub> H <sub>27</sub> ClCoP <sub>3</sub> . Journal of Crystallographic and Spectroscopic Research, 1983, 13, 273-278.	0.3	2
547	Die zirconoceninduzierte Verknüpfung von Butadien mit Carbonylverbindungen. Angewandte Chemie International Edition in English, 1983, 22, 675-690.	4.4	2
548	Synthesis and Crystal Structure of [(C <sub>1</sub> A <sub>1</sub> (1/4-OH) <sub>2</sub> A <sub>1</sub> C <sub>1</sub> ) <sub>2</sub> ·18-Crown-6][AlCl <sub>4</sub> ] <sub>2</sub> ·8/3 C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> , a Complex Featuring a Binuclear Aluminum-Containing Cation Threaded Through 18-Crown-6. Journal of Coordination Chemistry, 1991, 23, 313-320.	0.8	2
549	Ether cleavage of [2.2.2]cryptand: synthesis and X-ray crystal structure of [NH(CH <sub>2</sub> CH <sub>2</sub> ) <sub>3</sub> ][15]. Journal of Chemical Crystallography, 1997, 27, 209-213.	0.5	2
550	Self-assembly of a Novel One-dimensional Zigzag Coordination Polymer. Supramolecular Chemistry, 2000, 11, 251-254.	1.5	2
551	Synthesis of 2-imino-5-phenylimidazolidin-4-one and the structure of its trifluoroacetate salt. Journal of Chemical Crystallography, 2003, 33, 175-179.	0.5	2
552	Polyoxometalate Nanocapsules: From Structure to Function. , 0, , 275-289.		2
553	Separation and In Situ Cocrystallization of <i>C</i> -Ethylresorcin[6]arenes with 1-(2-Pyridylazo)-2-naphthol. Crystal Growth and Design, 2017, 17, 2919-2922.	1.4	2
554	Calixarenes in the Solid State. , 2017, , .		2
555	Facile, one-pot, in aqua synthesis of catalytically competent gold nanoparticles using pyrogallol[4]arene as the sole reagent. Chemical Communications, 2019, 55, 6261-6264.	2.2	2
556	Solution structure of zinc-seamed C-alkylpyrogallol[4]arene dimeric nanocapsules. RSC Advances, 2021, 11, 3342-3345.	1.7	2
557	Cesium Cation-Interactions Stabilize Pyrogallol[4]arene Coordination Networks. Crystal Growth and Design, 2022, 22, 2806-2811.	1.4	2
558	Crystal and molecular structure of 1-hydroxy-2,3-dicarbomethoxy-1,3-cycloheptadiene. Journal of Crystal and Molecular Structure, 1976, 6, 291-298.	0.4	1



#	ARTICLE	IF	CITATIONS
559	A comparison of the structural parameters of organolanthanide and -actinide complexes with those of transition metals in similar environments. <i>Inorganica Chimica Acta</i> , 1984, 94, 31-34.	1.2	1
560	Stabilization of novel organouranium compounds by the bulky 1,3-bis(trimethylsilyl)cyclopentadienyl ligand. <i>Inorganica Chimica Acta</i> , 1984, 94, 80.	1.2	1
561	Umlagerung des zweifach protonierten [2.2.2]Cryptanden durch Kation- und ionische Wechselwirkungen: Synthese und Struktur des $[\text{CoCl}_4]^{0.5}\text{C}_6\text{H}_5\text{CH}_3$ -Salzes. <i>Angewandte Chemie</i> , 1996, 108, 1937-1939.	1.6	1
562	Vinyl-group alignment along the upper rim of a multi-component resorcin[4]arene. <i>Crystal Engineering</i> , 1999, 2, 47-53.	0.7	1
563	Large diameter non-covalent nanotubes based on the self-assembly of para-carboxylatocalix[4]arene. <i>New Journal of Chemistry</i> , 2007, , .	1.4	1
564	Polynuclear Coordination Cages. , 0, , 223-250.		1
565	Frontispiece: Noria: A Highly Xe-Selective Nanoporous Organic Solid. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	1
566	Symbolic notation of clathrates. <i>Supramolecular Chemistry</i> , 2018, 30, 510-513.	1.5	1
567	Cocrystallization of C-Propyl Pyrogallol[4]arene and the Pharmaceutical Gabapentin. <i>Journal of Chemical Crystallography</i> , 2019, 49, 119-124.	0.5	1
568	Flexible Alkyl Tails Help Shape Matching and Close Packing in Self-Assembly of Supramolecular Structure. <i>Crystal Growth and Design</i> , 2021, 21, 40-44.	1.4	1
569	Quasi self-inclusion of a 1-D coordination polymer within a 2-D hydrogen-bonded grid: a chaperone effect. <i>Journal of Coordination Chemistry</i> , 2021, 74, 162-168.	0.8	1
570	Solution-Phase Magnetic Mechanistic Study of Ni-seamed Pyrogallol[4]arene Nanocapsules Reveal Presence of Novel Cylindrical and Spherical species. <i>Angewandte Chemie</i> , 0, , .	1.6	1
571	Additions and Corrections - Preparation and Properties of Dinitrogen Trimethylphosphine Complexes of Molybdenum and Tungsten. 4. Synthesis, Chemical Properties, and X-ray Structure of cis-[Mo(N <sub>2</sub> ) <sub>2</sub> (PMe <sub>3</sub> ) <sub>4</sub> ]. The Crystal and Molecular Structure of trans-[Mo(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> (PMe <sub>3</sub> ) <sub>4</sub> ] and trans, mer-[Mo(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> (CO)(PMe <sub>3</sub> ) <sub>3</sub> ]. <i>Journal of the American Chemical Society</i> . 1983, 105, 7004-7004.	6.6	0
572		0.9	0
573	X-ray structural studies of the products of the reaction of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(thf) <sub>2</sub> with NO. <i>Journal of the Less Common Metals</i> , 1983, 94, 403.	0.9	0
574	Studies on the reaction of [(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Y(H)(thf)] <sub>2</sub> with nitriles and isonitriles: X-ray structures of [(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> YCH <sub>2</sub> →NCMe <sub>3</sub> ] <sub>2</sub> and [(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> YNi→CHCMe <sub>3</sub> ] <sub>2</sub> . <i>Journal of the Less Common Metals</i> , 1983, 94, 404.	0.9	0
575	Toxicants from Mangrove Plants. <i>ACS Symposium Series</i> , 1987, , 491-501.	0.5	0
576	Cover Picture: Inner Core Structure Responds to Communication between Nanocapsule Walls (Angew.) Tj ETQq0 0,0,rgBT /Oylock 10	7.2	

#	ARTICLE	IF	CITATIONS
577	Endochemistry of Self-Assembled Hollow Spherical Cages. , 0, , 205-222.		0
578	Host-guest chemistry and Fumio Toda. CrystEngComm, 2011, 13, 3107.	1.3	0
579	Titelbild: Solution-Phase and Magnetic Approach towards Understanding Iron Gall Ink-like Nanoassemblies (Angew. Chem. 37/2012). Angewandte Chemie, 2012, 124, 9321-9321.	1.6	0
580	Frontispiece: Process Development for Separation of Conformers from Derivatives of Resorcin[4]arenes and Pyrogallol[4]arenes. Chemistry - A European Journal, 2016, 22, .	1.7	0
581	Conversion of Pregabalin to 4-Isobutylpyrrolidone-2. Journal of Pharmaceutical Sciences, 2017, 106, 3095-3102.	1.6	0
582	Frontispiz: Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. Angewandte Chemie, 2021, 133, .	1.6	0
583	Frontispiece: Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0