

Jerry L Atwood

List of Publications by Year in descending order

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583
papers

34,025
citations

3933

88
h-index

7518

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.	27.8	1,122
2	Molecular Borromean Rings. <i>Science</i> , 2004, 304, 1308-1312.	12.6	757
3	Purification of C60 and C70 by selective complexation with calixarenes. <i>Nature</i> , 1994, 368, 229-231.	27.8	624
4	Controlling Molecular Self-Organization: Formation of Nanometer-Scale Spheres and Tubules. <i>Science</i> , 1999, 285, 1049-1052.	12.6	541
5	Metallo-supramolecular capsules. <i>Coordination Chemistry Reviews</i> , 2008, 252, 825-841.	18.8	523
6	Guest Transport in a Nonporous Organic Solid via Dynamic van der Waals Cooperativity. <i>Science</i> , 2002, 298, 1000-1002.	12.6	520
7	An intermolecular (H ₂ O) ₁₀ cluster in a solid-state supramolecular complex. <i>Nature</i> , 1998, 393, 671-673.	27.8	516
8	Structural Classification and General Principles for the Design of Spherical Molecular Hosts. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1018-1033.	13.8	464
9	Engineering void space in organic van der Waals crystals: calixarenes lead the way. <i>Chemical Society Reviews</i> , 2007, 36, 236.	38.1	452
10	Flexible (Breathing) Interpenetrated Metal-Organic Frameworks for CO ₂ Separation Applications. <i>Journal of the American Chemical Society</i> , 2008, 130, 16842-16843.	13.7	420
11	Storage of Methane and Freon by Interstitial van der Waals Confinement. <i>Science</i> , 2002, 296, 2367-2369.	12.6	397
12	X-ray diffraction evidence for aromatic π -hydrogen bonding to water. <i>Nature</i> , 1991, 349, 683-684.	27.8	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.	18.8	358
14	A Well-Resolved Ice-like (H ₂ O) ₈ Cluster in an Organic Supramolecular Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 7192-7193.	13.7	332
15	Molecular Graphics: From Science to Art. <i>Crystal Growth and Design</i> , 2003, 3, 3-8.	3.0	320
16	Design and Self-Assembly of Cavity-Containing Rectangular Grids. <i>Journal of the American Chemical Society</i> , 1998, 120, 2676-2677.	13.7	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.	13.8	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

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19	Solution synthesis and crystallographic characterization of the divalent organosamarium complexes (C ₅ Me ₅) ₂ Sm(THF) ₂ and [(C ₅ Me ₅)Sm(μ- <i>l</i>)(THF) ₂] ₂ . <i>Journal of the American Chemical Society</i> , 1985, 107, 941-946.	13.7	256
20	Mixed metal-organic nanocapsules. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1760-1768.	18.8	251
21	Ball and Socket Nanostructures: New Supramolecular Chemistry Based on Cyclotrimeratrylene. <i>Journal of the American Chemical Society</i> , 1994, 116, 10346-10347.	13.7	248
22	Structure and reactivity of sterically hindered lithium amides and their diethyl etherates: crystal and molecular structures of [Li{N(SiMe ₃) ₂ }(OEt ₂)] ₂ and tetrakis(2,2,6,6-tetramethylpiperidinolithium). <i>Journal of the American Chemical Society</i> , 1983, 105, 302-304.	13.7	231
23	Fluorescent Guest Molecules Report Ordered Inner Phase of Host Capsules in Solution. <i>Science</i> , 2005, 309, 2037-2039.	12.6	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.	13.7	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.	7.1	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.	13.7	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.	7.1	197
28	Gas-induced transformation and expansion of a non-porous organic solid. <i>Nature Materials</i> , 2008, 7, 146-150.	27.5	197
29	Reductive homologation of carbon monoxide to a ketenecarboxylate by a low-valent organolanthanide complex: synthesis and x-ray crystal structure of [(C ₅ Me ₅) ₄ Sm ₂ (O ₂ CCCO)(THF)] ₂ . <i>Journal of the American Chemical Society</i> , 1985, 107, 3728-3730.	13.7	191
30	The search for dimethylzirconocene. Crystal structures of dimethylzirconocene, dimethylhafnocene, chloromethylzirconocene, and (μ-oxo)bis(methylzirconocene). <i>Organometallics</i> , 1983, 2, 750-755.	2.3	183
31	Anion Binding within the Cavity of π -Metalated Calixarenes. <i>Journal of the American Chemical Society</i> , 1997, 119, 6324-6335.	13.7	175
32	Sulfonatocalixarenes: molecular capsule and π -Russian doll™ arrays to structures mimicking viral geometry. <i>Chemical Communications</i> , 2006, , 4567-4574.	4.1	175
33	Laying traps for elusive prey: recent advances in the non-covalent binding of anions. <i>Chemical Communications</i> , 1996, , 1401.	4.1	173
34	Hydrogen-bonded molecular capsules are stable in polar media. <i>Chemical Communications</i> , 2001, , 2376-2377.	4.1	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 & Engineering Data</i> , 2000, 45, 841-845.	1.9	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.	13.7	168

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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.	13.7	168
38	Synthesis and x-ray crystal structure of the divalent [bis(trimethylsilyl)amido] samarium complexes [(Me ₃ Si) ₂ N] ₂ Sm(THF) ₂ and {[(Me ₃ Si) ₂ N]Sm(μ- <i>l</i>)(DME)(THF)} ₂ . <i>Inorganic Chemistry</i> , 1988, 27, 575-579.	4.0	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.	13.7	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 ₅ H ₅) ₂ ErC.ident.CC(CH ₃) ₃] ₂ . <i>Inorganic Chemistry</i> , 1981, 20, 4115-4119.	4.0	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.	13.7	159
43	Synthesis and x-ray crystallographic characterization of an oxo-bridged bimetallic organosamarium complex, [(C ₅ Me ₅) ₂ Sm] ₂ (μ-O). <i>Journal of the American Chemical Society</i> , 1985, 107, 405-409.	13.7	157
44	Characterization of a well resolved supramolecular ice-like (H ₂ O) ₁₀ cluster in the solid state. <i>Chemical Communications</i> , 2000, , 859-860.	4.1	156
45	One-Dimensional Coordination Polymers Based upon Bridging Terephthalate Ions. <i>Inorganic Chemistry</i> , 1999, 38, 208-209.	4.0	154
46	Toward Mimicking Viral Geometry with Metal-Organic Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 13170-13171.	13.7	149
47	C ₆₀ and C ₇₀ Compounds in the Pincerlike Jaws of Calix[6]arene. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 981-983.	13.8	146
48	Amorphous Molecular Organic Solids for Gas Adsorption. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5492-5495.	13.8	146
49	Double partial cone conformation for Na ₈ {calix[6]arene sulfonate}·20.5H ₂ O and its parent acid. <i>Journal of the American Chemical Society</i> , 1992, 114, 7558-7559.	13.7	145
50	Preparation and crystal structures of the complexes (μ ⁵ -C ₅ H ₄ CPh ₂ -μ ⁵ -C ₁₃ H ₈) MCl ₂ (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.	1.8	144
51	Organolanthanide and organoyttrium hydride chemistry. 5. Improved synthesis of [(C ₅ H ₄ R) ₂ YH(THF)] ₂ 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.	13.7	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.	13.7	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.	13.7	135
54	Carbon Dioxide Capture in a Self-Assembled Organic Nanochannels. <i>Chemistry of Materials</i> , 2007, 19, 3355-3357.	6.7	126

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55	The crystal structure of N-lithiohexamethyldisilazane, [LiN(SiMe ₃) ₂] ₃ . Journal of Organometallic Chemistry, 1978, 157, 229-237.	1.8	122
56	Inclusion of both cation and neutral molecule by a calixarene. Structure of the [p-tert-butylmethoxycalix[4]arene-sodium-toluene] ⁺ cation. Journal of the American Chemical Society, 1986, 108, 1709-1710.	13.7	121
57	A Simple Route to Sulfur Bridged Annulenes. Journal of Organic Chemistry, 1994, 59, 8071-8075.	3.2	119
58	Acetylene Absorption and Binding in a Nonporous Crystal Lattice. Angewandte Chemie - International Edition, 2006, 45, 6506-6509.	13.8	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.	13.8	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.	4.0	116
61	Two-state propagation mechanism for propylene polymerization catalyzed by rac-[anti-ethylidene(1- η -5-tetramethylcyclopentadienyl)(1- η -5-indenyl)] dimethyltitanium. Journal of the American Chemical Society, 1991, 113, 8569-8570.	13.7	116
62	Inner Core Structure Responds to Communication between Nanocapsule Walls. Angewandte Chemie - International Edition, 2004, 43, 5263-5266.	13.8	114
63	A crystalline organic substrate absorbs methane under STP conditions. Chemical Communications, 2005, , 51.	4.1	114
64	Synthesis and x-ray crystal structure of di(pentamethylcyclopentadienyl)lanthanide and yttrium halide complexes. Inorganic Chemistry, 1986, 25, 3614-3619.	4.0	111
65	Molecular structures of the bis(η -5-indenyl)dimethyl derivatives of titanium, zirconium, and hafnium. Inorganic Chemistry, 1975, 14, 1757-1762.	4.0	110
66	Toward the Isolation of Functional Organic Nanotubes. Angewandte Chemie - International Edition, 2006, 45, 570-574.	13.8	106
67	Metal ion complexes of water-soluble calix[4]arenes. Inorganic Chemistry, 1992, 31, 603-606.	4.0	105
68	Inclusion of Neutral and Anionic Guests within the Cavity of π -Metalated Cyclotrimeratrylenes. Journal of the American Chemical Society, 1996, 118, 9567-9576.	13.7	105
69	The formation and molecular structures of (η -5-C ₅ H ₅) ₃ Y \cdot OC ₄ H ₈ and (η -5-C ₅ H ₅) ₃ La \cdot OC ₄ H ₈ . Journal of Organometallic Chemistry, 1981, 216, 383-392.	1.8	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.	13.7	104
71	Structures of CsMgBr ₃ , CsCdBr ₃ and CsMgI ₃ diamagnetic linear chain lattices. Journal of Physics and Chemistry of Solids, 1980, 41, 495-499.	4.0	103
72	π -Face selectivity of coordinated ketones to nucleophilic additions: the importance of aluminum-oxygen π -bonding. Journal of the American Chemical Society, 1990, 112, 3446-3451.	13.7	103

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73	Hydrogen Bonds Seal Single-Molecule Capsules. <i>Journal of the American Chemical Society</i> , 2002, 124, 10646-10647.	13.7	103
74	A molecular toolkit for magnetism. <i>Nature Materials</i> , 2002, 1, 91-92.	27.5	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.	13.7	101
76	Symmetry-Aligned Supramolecular Encapsulation of C ₆₀ : [C ₆₀ ⊂(L) ₂], L=p-Benzylcalix[5]arene or p-Benzylhexahomoxacalix[3]arene. <i>Chemistry - A European Journal</i> , 1999, 5, 990-996.	3.3	99
77	Decomposition of high-oxygen content organoaluminum compounds. The formation and structure of the [Al ₇ O ₆ Me ₁₆] ⁻ anion. <i>Organometallics</i> , 1983, 2, 985-989.	2.3	98
78	Metal vapor synthesis of (C ₅ Me ₅) ₂ Sm(THF) ₂ and (C ₅ Me ₄ Et) ₂ Sm(THF) ₂ and their reactivity with organomercurial reagents. Synthesis and x-ray structural analysis of (C ₅ Me ₅) ₂ Sm(C ₆ H ₅)(THF). <i>Organometallics</i> , 1985, 4, 112-119.	2.3	97
79	Anion-sealed single-molecule capsules Electronic supplementary information (ESI) available: Experimental details. See http://www.rsc.org/suppdata/cc/b3/b301511d/ . <i>Chemical Communications</i> , 2003, , 940-941.	4.1	94
80	Transition Metal Complexes of p-Sulfonatocalix[5]arene. <i>Inorganic Chemistry</i> , 1996, 35, 2602-2610.	4.0	93
81	Controlling the Self-Assembly of Metal-Seamed Organic Nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1452-1454.	13.8	93
82	Intercalation of cationic, anionic, and molecular species by organic hosts. Preparation and crystal structure of [NH ₄] ₆ [calix[4]arenesulfonate][MeOSO ₃].n(H ₂ O) ₂ . <i>Journal of the American Chemical Society</i> , 1988, 110, 610-611.	13.7	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.	13.7	92
84	Confinement of Amino Acids in Tetra-p-Sulfonated Calix[4]arene Bilayers. <i>Crystal Growth and Design</i> , 2002, 2, 171-176.	3.0	92
85	New syntheses and molecular structures of the decamethylmetallocene dicarbonyls (η ⁵ -C ₅ Me ₅) ₂ M(CO) ₂ (M = titanium, zirconium, hafnium). <i>Journal of the American Chemical Society</i> , 1981, 103, 1265-1267.	13.7	90
86	Tertiary amine stabilized dialane. <i>Journal of the American Chemical Society</i> , 1991, 113, 8183-8185.	13.7	90
87	Selective CO ₂ Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4523-4526.	13.8	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 ⁵ -cyclopentadienyl)-2,3,4,5-tetraphenyltitanole and its hafnium analogue. <i>Journal of the American Chemical Society</i> , 1976, 98, 2454-2459.	13.7	88
90	The crystal structure of N-sodiohexamethyldisilazane, Na[N{Si(CH ₃) ₃ } ₂]. <i>Journal of Organometallic Chemistry</i> , 1977, 137, 101-111.	1.8	88

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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.	13.7	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.	2.3	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.	13.7	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.	4.0	86
95	AN ALKYL-SUBSTITUTED INDIUM(I) TETRAMER. <i>Journal of Coordination Chemistry</i> , 1993, 30, 25-28.	2.2	86
96	Diffusion of Water in a Nonporous Hydrophobic Crystal. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3848-3851.	13.8	84
97	Machine Learning Assisted Synthesis of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2020, 142, 1475-1481.	13.7	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.	2.3	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.	2.3	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.	13.7	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.	13.8	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	2.4	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.	13.7	78
104	Guest and Ligand Behavior in Zinc-Seamed Pyrogallol[4]arene Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8601-8604.	13.8	78
105	Silylmethyl and related complexes. 5. Metallocene bis(trimethylsilyl)methyls and benzhydryls of early transition metals [M(.eta.5-C5H5)2R] (M = T or V) and [M(.eta.5-C5H5)2(X)R] (M = Z or H and X = C or R), and the crystal and molecular structures of [M(.eta.5-C5H5)2(CHPh2)2] (M = Z or H). <i>Journal of the American Chemical Society</i> , 1977, 99, 6645-6652.	13.7	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.	4.0	77
107	Solution Structures of Nanoassemblies Based on Pyrogallol[4]arenes. <i>Accounts of Chemical Research</i> , 2014, 47, 3080-3088.	15.6	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.	2.3	76

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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.	13.7	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.	2.8	75
112	Synthetic, x-ray structural and photoluminescence studies on pentamethylcyclopentadienyl derivatives of lanthanum, cerium and praseodymium. <i>Organometallics</i> , 1986, 5, 1281-1283.	2.3	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	13.7	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.	4.0	73
116	Rapid formation of metal-organic nano-capsules gives new insight into the self-assembly process. <i>Chemical Communications</i> , 2008, , 1539.	4.1	73
117	Magnetism in metal-organic capsules. <i>Chemical Communications</i> , 2010, 46, 3484.	4.1	73
118	Controlling van der Waals Contacts in Complexes of Fullerene C60. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3254-3257.	13.8	72
119	Frustrated Organic Solids Display Unexpected Gas Sorption. <i>Journal of the American Chemical Society</i> , 2006, 128, 15060-15061.	13.7	72
120	Engineering Nanorrafts of Calixarene Polyphosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 3931-3938.	3.3	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.	13.7	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.	4.0	70
123	Hexameric C-alkylpyrogallol[4]arene molecular capsules sustained by metal-ion coordination and hydrogen bonds. <i>Chemical Communications</i> , 2006, , 2956.	4.1	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.	3.0	70
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