

# Jerry L Atwood

## List of Publications by Citations

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592  
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613  
ext. papers

31,304  
ext. citations

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L-index

#	Paper	IF	Citations
592	2009,		1068
591	A chiral spherical molecular assembly held together by 60 hydrogen bonds. <i>Nature</i> , <b>1997</b> , 389, 469-472	50.4	977
590	Molecular borromean rings. <i>Science</i> , <b>2004</b> , 304, 1308-12	33.3	674
589	Purification of C60 and C70 by selective complexation with calixarenes. <i>Nature</i> , <b>1994</b> , 368, 229-231	50.4	537
588	Metallo-supramolecular capsules. <i>Coordination Chemistry Reviews</i> , <b>2008</b> , 252, 825-841	23.2	494
587	An intermolecular (H <sub>2</sub> O) <sub>10</sub> cluster in a solid-state supramolecular complex. <i>Nature</i> , <b>1998</b> , 393, 671-673	50.4	482
586	Controlling molecular self-organization: formation of nanometer-scale spheres and tubules. <i>Science</i> , <b>1999</b> , 285, 1049-52	33.3	476
585	Guest transport in a nonporous organic solid via dynamic van der Waals cooperativity. <i>Science</i> , <b>2002</b> , 298, 1000-2	33.3	467
584	Engineering void space in organic van der Waals crystals: calixarenes lead the way. <i>Chemical Society Reviews</i> , <b>2007</b> , 36, 236-45	58.5	417
583	Structural classification and general principles for the design of spherical molecular hosts. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1018-33	16.4	405
582	Flexible (breathing) interpenetrated metal-organic frameworks for CO <sub>2</sub> separation applications. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 16842-3	16.4	399
581	Storage of methane and freon by interstitial van der Waals confinement. <i>Science</i> , <b>2002</b> , 296, 2367-9	33.3	365
580	Metal sulfonatocalix[4,5]arene complexes: bi-layers, capsules, spheres, tubular arrays and beyond. <i>Coordination Chemistry Reviews</i> , <b>2001</b> , 222, 3-32	23.2	326
579	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> , <b>2001</b> , 123, 7192-3	16.4	322
578	Molecular Graphics: From Science to Art. <i>Crystal Growth and Design</i> , <b>2003</b> , 3, 3-8	3.5	300
577	X-ray diffraction evidence for aromatic hydrogen bonding to water. <i>Nature</i> , <b>1991</b> , 349, 683-684	50.4	300
576	A new type of material for the recovery of hydrogen from gas mixtures. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 2948-50	16.4	242

575	Mixed metal-organic nanocapsules. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 1760-1768	23.2	237
574	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(.mu.-I)(THF) <sub>2</sub> ] <sub>2</sub> . <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 941-946	16.4	233
573	Design and Self-Assembly of Cavity-Containing Rectangular Grids. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 2676-2677	16.4	229
572	Metallocene/polypropylene structural relationships: Implications on polymerization and stereochemical control mechanisms. <i>Makromolekulare Chemie Macromolecular Symposia</i> , <b>1991</b> , 48-49, 253-295	210	
571	Ball and Socket Nanostructures: New Supramolecular Chemistry Based on Cyclotrimeratrylene. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 10346-10347	16.4	201
570	Fluorescent guest molecules report ordered inner phase of host capsules in solution. <i>Science</i> , <b>2005</b> , 309, 2037-9	33.3	200
569	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> , <b>2002</b> , 99, 4837-41	11.5	198
568	Supramolecular blueprint approach to metal-coordinated capsules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 5944-8	11.5	191
567	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-tetramethylpiperidinatolithium). <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 302-304	16.4	191
566	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> , <b>1992</b> , 114, 10583-10595	16.4	174
565	Gas-induced transformation and expansion of a non-porous organic solid. <i>Nature Materials</i> , <b>2008</b> , 7, 146-50	173	
564	The search for dimethylzirconocene. Crystal structures of dimethylzirconocene, dimethylhafnocene, chloromethylzirconocene, and (.mu.-oxo)bis(methylzirconocene). <i>Organometallics</i> , <b>1983</b> , 2, 750-755	3.8	173
563	Crystal structures and stereospecific propylene polymerizations with chiral hafnium metallocene catalysts. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 6544-6545	16.4	170
562	Sulfonatocalixarenes: molecular capsule and 'Russian doll' arrays to structures mimicking viral geometry. <i>Chemical Communications</i> , <b>2006</b> , 4567-74	5.8	160
561	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> , <b>2000</b> , 45, 841-845	2.8	154
560	Hydrogen-bonded molecular capsules are stable in polar media. <i>Chemical Communications</i> , <b>2001</b> , 2376-75.8	154	
559	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> , <b>2000</b> , 859-860	5.8	153
558	Laying traps for elusive prey: recent advances in the non-covalent binding of anions. <i>Chemical Communications</i> , <b>1996</b> , 1401	5.8	153

557	Novel Layer Structure of Sodium Calix[4]arenesulfonate Complexes■ Class of Organic Clay Mimics?. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 1361-1362	16.4	153
556	Anion Binding within the Cavity of ■Metalated Calixarenes. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 6324-6335	16.4	152
555	Reductive homologation of carbon monoxide to a ketenecarboxylate by a low-valent organolanthanide complex: synthesis and x-ray crystal structure of $[(C_5Me_5)4Sm_2(O_2CCCO)(THF)]_2$ . <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 3728-3730	16.4	152
554	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> , <b>1983</b> , 105, 1401-1403	16.4	149
553	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> , <b>1988</b> , 110, 4983-4994	16.4	148
552	Synthesis and x-ray crystal structure of the divalent [bis(trimethylsilyl)amido] samarium complexes $[(Me_3Si)_2N]_2Sm(THF)_2$ and $\{[(Me_3Si)_2N]Sm(\mu\text{-I})(DME)(THF)\}_2$ . <i>Inorganic Chemistry</i> , <b>1988</b> , 27, 575-579	5.1	148
551	Synthesis and crystallographic characterization of a dimeric alkynide-bridged organolanthanide: $[(C_5H_5)_2ErC.ident.CC(CH_3)_3]_2$ . <i>Inorganic Chemistry</i> , <b>1981</b> , 20, 4115-4119	5.1	148
550	Synthesis and x-ray crystallographic characterization of an oxo-bridged bimetallic organosamarium complex, $[(C_5Me_5)_2Sm]_2(\mu\text{-O})$ . <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 405-409	16.4	146
549	Synthesis and x-ray crystal structure of a soluble divalent organosamarium complex. <i>Journal of the American Chemical Society</i> , <b>1981</b> , 103, 6507-6508	16.4	144
548	Toward mimicking viral geometry with metal-organic systems. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 13170-1	16.4	143
547	One-Dimensional Coordination Polymers Based upon Bridging Terephthalate Ions. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 208-209	5.1	140
546	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> , <b>1982</b> , 104, 2008-2014	16.4	140
545	Amorphous molecular organic solids for gas adsorption. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5492-5	16.4	132
544	Preparation and crystal structures of the complexes $(C_5H_4CPh_2-C_13H_8)MCl_2$ ( $M = Zr, Hf$ ) and the catalytic formation of high molecular weight high tacticity syndiotactic polypropylene. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 459, 117-123	2.3	132
543	Double partial cone conformation for $Na_8\{calix[6]arene sulfonate\}.cntdot.20.5H_2O$ and its parent acid. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 7558-7559	16.4	126
542	Organolanthanide and organoyttrium hydride chemistry. 5. Improved synthesis of $[(C_5H_4R)_2YH(THF)]_2$ 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> , <b>1984</b> , 106, 1291-1299	16.4	124
541	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> , <b>1995</b> , 117, 11426-11433	16.4	121
540	Carbon Dioxide Capture in a Self-Assembled Organic Nanochannels. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 3355-3357	9.6	119

539	C and C Compounds in the Pincerlike Jaws of Calix[6]arene. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 981-983	16.4	117
538	Strukturelle Klassifizierung von sphärischen molekularen Wirten und allgemeine Prinzipien fü. ihren Entwurf. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 1080-1096	3.6	114
537	Rational Design of Multicomponent Calix[4]arenes and Control of Their Alignment in the Solid State. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 6931-6932	16.4	113
536	Acetylene absorption and binding in a nonporous crystal lattice. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6506-9	16.4	112
535	Hydrogen-bonded supramolecular assemblies as robust templates in the synthesis of large metal-coordinated capsules. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5733-6	16.4	109
534	Inner core structure responds to communication between nanocapsule walls. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5263-6	16.4	108
533	A crystalline organic substrate absorbs methane under STP conditions. <i>Chemical Communications</i> , <b>2005</b> , 51-3	5.8	105
532	A Simple Route to Sulfur Bridged Annulenes. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 8071-8075	4.2	104
531	Inclusion of both cation and neutral molecule by a calixarene. Structure of the [p-tert-butylmethoxycalix[4]arene-sodium-toluene]+ cation. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 1709-1710	16.4	102
530	Toward the isolation of functional organic nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 570-4	16.4	101
529	Two-state propagation mechanism for propylene polymerization catalyzed by rac-[anti-ethylidene(1-eta.5-tetramethylcyclopentadienyl)(1-eta.5-indenyl)] dimethyltinanium. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 8569-8570	16.4	100
528	Structures of CsMgBr <sub>3</sub> , CsCdBr <sub>3</sub> and CsMgI <sub>3</sub> Diamagnetic linear chain lattices. <i>Journal of Physics and Chemistry of Solids</i> , <b>1980</b> , 41, 495-499	3.9	99
527	The formation and molecular structures of (C <sub>5</sub> H <sub>5</sub> ) <sub>3</sub> Y OC <sub>4</sub> H <sub>8</sub> and (C <sub>5</sub> H <sub>5</sub> ) <sub>3</sub> La OC <sub>4</sub> H <sub>8</sub> . <i>Journal of Organometallic Chemistry</i> , <b>1981</b> , 216, 383-392	2.3	98
526	Synthesis and structures of compounds containing double bonds between the heavier Group VA elements: diphosphenes, diarsenes, phosphaarsenes, and phosphastibenes. <i>Inorganic Chemistry</i> , <b>1984</b> , 23, 2582-2593	5.1	97
525	Molecular structures of the bis(.eta.5-indenyl)dimethyl derivatives of titanium, zirconium, and hafnium. <i>Inorganic Chemistry</i> , <b>1975</b> , 14, 1757-1762	5.1	97
524	Hydrogen bonds seal single-molecule capsules. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 10646-7	4.7	96
523	Synthesis and x-ray crystal structure of di(pentamethylcyclopentadienyl)lanthanide and yttrium halide complexes. <i>Inorganic Chemistry</i> , <b>1986</b> , 25, 3614-3619	5.1	96
522	Inclusion of Neutral and Anionic Guests within the Cavity of Metalated Cyclotrimerates. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 9567-9576	16.4	95

521	Metal ion complexes of water-soluble calix[4]arenes. <i>Inorganic Chemistry</i> , <b>1992</b> , 31, 603-606	5.1	93
520	The crystal structure of N-lithiohexamethyldisilazane, [LiN(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , <b>1978</b> , 157, 229-237	2.3	93
519	Anion-sealed single-molecule capsules. <i>Chemical Communications</i> , <b>2003</b> , 940-1	5.8	91
518	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> , <b>1985</b> , 4, 112-119	3.8	90
517	Cleavage of a phosphorus-carbon double bond and formation of a linear terminal phosphinidene complex. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 6734-6735	16.4	89
516	Second-sphere coordination of transition-metal complexes by calix[4]arenes. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 2760-2761	16.4	89
515	Controlling the self-assembly of metal-seamed organic nanocapsules. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1452-4	16.4	85
514	Molecular Recognition of the Cyclic Water Trimer in the Solid State. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 2592-2593	16.4	85
513	A molecular receptor based on the ferrocene system: selective complexation using atomic ball bearings. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 366-367	16.4	84
512	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> , <b>1983</b> , 2, 985-989	3.8	84
511	Confinement of Amino Acids in Tetra-p-Sulfonated Calix[4]arene Bilayers. <i>Crystal Growth and Design</i> , <b>2002</b> , 2, 171-176	3.5	83
510	Supramolecular assemblies of p-sulfonatocalix[4]arene with aquated trivalent lanthanide ions. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4351-4356		82
509	Symmetry-Aligned Supramolecular Encapsulation of C <sub>60</sub> : [C <sub>60</sub> ?(L) <sub>2</sub> ], L=p-Benzylcalix[5]arene or p-Benzylhexahomooxacalix[3]arene. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 990-996	4.8	82
508	Diffusion of water in a nonporous hydrophobic crystal. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 3848-51	16.4	80
507	.pi.-Face selectivity of coordinated ketones to nucleophilic additions: the importance of aluminum-oxygen .pi.-bonding. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 3446-3451	16.4	79
506	Tertiary amine stabilized dialane. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 8183-8185	16.4	79
505	Synthesis of organosamarium complexes containing samarium-carbon and samarium-phosphorus bonds. Crystallographic characterization of [(MeC <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> SmC.tplbond.CCMe <sub>3</sub> ] <sub>2</sub> . <i>Organometallics</i> , <b>1983</b> , 2, 709-714	3.8	79
504	Synthesis and x-ray crystallographic characterization of an asymmetric organoyttrium halide dimer: (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Y(.mu.-Cl)YCl(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> . <i>Organometallics</i> , <b>1985</b> , 4, 554-559	3.8	79

503	New syntheses and molecular structures of the decamethylmetallocene dicarbonyls (.eta.5-C5Me5)2M(CO)2 (M = titanium, zirconium, hafnium). <i>Journal of the American Chemical Society</i> , <b>1981</b> , 103, 1265-1267	16.4	79
502	Organolanthanide hydride chemistry. 2. Synthesis and x-ray crystallographic characterization of a trimetallic organolanthanide polyhydride complex. <i>Journal of the American Chemical Society</i> , <b>1982</b> , 104, 2015-2017	16.4	79
501	The molecular structure of 1,1-bis(.eta.5-cyclopentadienyl)-2,3,4,5-tetraphenyltitanole and its hafnium analogue. <i>Journal of the American Chemical Society</i> , <b>1976</b> , 98, 2454-2459	16.4	79
500	Cocrystallization and encapsulation of a fluorophore with hexameric pyrogallol[4]arene nanocapsules: structural and fluorescence studies. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7019-22	16.4	76
499	Transition Metal Complexes of p-Sulfonatocalix[5]arene. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 2602-2610	5.1	76
498	Intercalation of cationic, anionic, and molecular species by organic hosts. Preparation and crystal structure of [NH4]6[calix[4]arenesulfonate][MeOSO3].cntdot.(H2O)2. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 610-611	16.4	76
497	Formation and molecular structures of (.eta.5-pentabenzylcyclopentadienyl)- and (.eta.5-pentaphenylcyclopentadienyl)dicarbonyl derivatives of cobalt and rhodium. <i>Organometallics</i> , <b>1986</b> , 5, 1635-1641	3.8	76
496	The crystal structure of N-sodiohexamethyldisilazane, Na[N{Si(CH3)3}2]. <i>Journal of Organometallic Chemistry</i> , <b>1977</b> , 137, 101-111	2.3	74
495	Robust and stable pyrogallol[4]arene molecular capsules facilitated via an octanuclear zinc coordination belt. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 17-20	3.6	72
494	Guest and ligand behavior in zinc-seamed pyrogallol[4]arene molecular capsules. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8601-4	16.4	72
493	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> , <b>1987</b> , 109, 3928-3936	16.4	72
492	Selective CO2 Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4523-6	16.4	71
491	Rapid formation of metal-organic nano-capsules gives new insight into the self-assembly process. <i>Chemical Communications</i> , <b>2008</b> , 1539-41	5.8	69
490	Frustrated organic solids display unexpected gas sorption. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 15060-1	16.4	69
489	AN ALKYL-SUBSTITUTED INDIUM(I) TETRAMER. <i>Journal of Coordination Chemistry</i> , <b>1993</b> , 30, 25-28	1.6	69
488	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> , <b>1990</b> , 29, 167-170	5.1	69
487	Engineering nanorrafts of calixarene polyphosphonates. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3931-84.8	68	68
486	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> , <b>1983</b> , 105, 3014-3022	16.4	68

485	Hydrozirconation of Nitriles: Proof of a Linear Heteroallene Structure in (Benzylideneamido)zirconocene Chloride. <i>Angewandte Chemie International Edition in English</i> , <b>1984</b> , 23, 68-69	68
484	Host-Guest Complexes with p-Sulfonatocalix[4,5]arenes Charged Crown Ethers and Lanthanides: Factors Affecting Molecular Capsule Formation. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 174-180	3.5 67
483	Some aspects of the coordination and organometallic chemistry of thorium and uranium (MIII, MIV, UV) in +3 and +4 oxidation states. <i>Inorganica Chimica Acta</i> , <b>1987</b> , 139, 13-20	2.7 67
482	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]. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 3882-3886	16.4 67
481	Solution structures of nanoassemblies based on pyrogallol[4]arenes. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 3080-8	24.3 66
480	Magnetism in metal-organic capsules. <i>Chemical Communications</i> , <b>2010</b> , 46, 3484-6	5.8 66
479	Hexameric C-alkylpyrogallol[4]arene molecular capsules sustained by metal-ion coordination and hydrogen bonds. <i>Chemical Communications</i> , <b>2006</b> , 2956-8	5.8 66
478	Controlling van der Waals contacts in complexes of fullerene C60. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 3254-7	16.4 66
477	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> , <b>1986</b> , 5, 2389-2391	3.8 66
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