

# Marilyn M Olmstead

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5343927/marilyn-m-olmstead-publications-by-citations.pdf>

**Version:** 2024-04-28

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

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

292  
papers

12,723  
citations

64  
h-index

100  
g-index

308  
ext. papers

13,502  
ext. citations

8  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
292	Reactions of Transition Metal Complexes with Fullerenes (C(60), C(70), etc.) and Related Materials. <i>Chemical Reviews</i> , <b>1998</b> , 98, 2123-2166	68.1	418
291	Solvent-Stimulated Luminescence from the Supramolecular Aggregation of a Trinuclear Gold(I) Complex that Displays Extensive Intermolecular Au...Au Interactions. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1179-1181		338
290	Interaction of Curved and Flat Molecular Surfaces. The Structures of Crystalline Compounds Composed of Fullerene (C60, C60O, C70, and C120O) and Metal Octaethylporphyrin Units. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 7090-7097	16.4	312
289	Synthesis and Characterization of the Monomeric Diaryls M{C6H3-2,6-Mes2}2 (M = Ge, Sn, or Pb; Mes = 2,4,6-Me3C6H2) and Dimeric ArylMetal Chlorides [M(Cl){C6H3-2,6-Mes2}2]2 (M = Ge or Sn). <i>Organometallics</i> , <b>1997</b> , 16, 1920-1925	3.8	243
288	Isolation and Structural Characterization of the Endohedral Fullerene Sc3N@C78. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1223-1225	16.4	214
287	Germanium and tin analogues of alkynes and their reduction products. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11626-36	16.4	208
286	A distorted tetrahedral metal oxide cluster inside an icosahedral carbon cage. Synthesis, isolation, and structural characterization of Sc4(mu3-O)2@Ih-C80. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11844-5	16.4	195
285	(eta-2-C70)Ir(CO)Cl(PPh3)2: the synthesis and structure of an iridium organometallic derivative of a higher fullerene. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 8953-8955	16.4	193
284	Bonding within the Endohedral Fullerenes Sc3[Co(OEP)]78 and Sc3[Co(OEP)]80 as Determined by Density Functional Calculations and Reexamination of the Crystal Structure of {Sc3[Co(OEP)]78}[Co(OEP)]0.5(C6H6)0.3(CHCl3). <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 12356-12364	2.8	190
283	Tb3N@C84: an improbable, egg-shaped endohedral fullerene that violates the isolated pentagon rule. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11352-3	16.4	179
282	Aurophilic interactions in cationic gold complexes with two isocyanide ligands. Polymorphic yellow and colorless forms of [(cyclohexyl isocyanide)2Au](PF6) with distinct luminescence. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 1033-40	16.4	169
281	Isolation and Crystallographic Characterization of ErSc2N@C80: an Endohedral Fullerene Which Crystallizes with Remarkable Internal Order. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 12220-12226	16.4	165
280	Sc3N@C68: folded pentalene coordination in an endohedral fullerene that does not obey the isolated pentagon rule. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 900-3	16.4	162
279	A symmetric derivative of the trimetallic nitride endohedral metallofullerene, Sc3N@C80. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 524-5	16.4	162
278	Structure and enhanced reactivity rates of the D5h Sc3N@C80 and Lu3N@C80 metallofullerene isomers: the importance of the pyracylene motif. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8581-9	16.4	160
277	Reactions of the heavier group 14 element alkyne analogues ArM(E)ArM (M = Ge, Sn; E = Ge, Sn) with unsaturated molecules: probing the character of the EE multiple bonds. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 17530-41	16.4	152
276	Isolation and structural characterization of a family of endohedral fullerenes including the large, chiral cage fullerenes Tb(3)N@C(88) and Tb(3)N@C(86) as well as the I(h) and D(5)(h) isomers of Tb(3)N@C(80). <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2035-43	16.4	151

275	Remarkable variations in the luminescence of frozen solutions of $[\text{Au}[\text{C}(\text{NHMe})(2)](2)](\text{PF}(6)) \times 0.5(\text{acetone})$ . Structural and spectroscopic studies of the effects of anions and solvents on Gold(I) carbene complexes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 2327-36	16.4	149
274	Detection of a family of gadolinium-containing endohedral fullerenes and the isolation and crystallographic characterization of one member as a metal-carbide encapsulated inside a large fullerene cage. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17296-300	16.4	139
273	$\text{M}2@C79N$ ( $\text{M} = \text{Y}, \text{Tb}$ ): isolation and characterization of stable endohedral metallofullerenes exhibiting M-M bonding interactions inside aza[80]fullerene cages. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12992-7	16.4	135
272	The synthesis and structure of lithium derivatives of the sterically encumbered $\beta$ -diketiminato ligand $[\{(2,6\text{-Pri}_2\text{H}_3\text{C}_6)\text{N}(\text{CH}_3)\text{C}\}_2\text{CH}\}]$ and a modified synthesis of the aminoimine precursor. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3465-3469		130
271	A pirouette on a metallofullerene sphere: interconversion of isomers of N-tritylpyrrolidino I(h) $\text{Sc}3\text{N}@C80$ . <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 6486-92	16.4	129
270	A synthetic analogue of the active site of Fe-containing nitrile hydratase with carboxamido N and thiolato S as donors: synthesis, structure, and reactivities. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 3247-59	16.4	125
269	Oxidation of Buckminsterfullerene with m-Chloroperoxybenzoic Acid. Characterization of a Cs Isomer of the Diepoxide $\text{C}60\text{O}_2$ . <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 8926-8932	16.4	125
268	Crystallographic characterization and structural analysis of the first organic functionalization product of the endohedral fullerene $\text{Sc}(3)\text{N}@C(80)$ . <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3494-5	16.4	123
267	Supramolecular aggregation of an (eta-2-C60) iridium complex involving phenyl chelation of the fullerene. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 5455-5457	16.4	121
266	Pyramidalization of $\text{Gd}3\text{N}$ inside a C80 cage. The synthesis and structure of $\text{Gd}3\text{N}@C80$ . <i>Chemical Communications</i> , <b>2004</b> , 2814-5	5.8	118
265	$\text{Sc}2\text{S}@C(s)(10528)\text{-C}72$ : a dimetallic sulfide endohedral fullerene with a non isolated pentagon rule cage. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7851-60	16.4	116
264	Molecular accordion: vapoluminescence and molecular flexibility in the orange and green luminescent crystals of the dimer, $\text{Au}_2(\text{Ebis}(\text{-diphenylphosphino})\text{ethane})_2\text{Br}_2$ . <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10229-38	16.4	116
263	Is the isolated pentagon rule merely a suggestion for endohedral fullerenes? The structure of a second egg-shaped endohedral fullerene-- $\text{Gd}3\text{N}@C(s)(39663)\text{-C}82$ . <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7854-5	16.4	116
262	The shape of the $\text{Sc}2(\mu\text{-S})$ unit trapped in C82: crystallographic, computational, and electrochemical studies of the isomers, $\text{Sc}2(\mu\text{-S})@C(s)(6)\text{-C}82$ and $\text{Sc}2(\mu\text{-S})@C(3v)(8)\text{-C}82$ . <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6752-60	16.4	114
261	Structure and Ferromagnetism of the Rare-Earth Zintl Compounds: $\text{Yb}_{14}\text{MnSb}_{11}$ and $\text{Yb}_{14}\text{MnBi}_{11}$ . <i>Chemistry of Materials</i> , <b>1998</b> , 10, 3583-3588	9.6	114
260	A seven atom cluster in a carbon cage, the crystallographically determined structure of $\text{Sc}4(\mu_3\text{-O})_3@Ih\text{-C}80$ . <i>Chemical Communications</i> , <b>2010</b> , 46, 279-81	5.8	112
259	Large metal ions in a relatively small fullerene cage: the structure of $\text{Gd}3\text{N}@C2(22010)\text{-C}78$ departs from the isolated pentagon rule. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11519-24	16.4	112
258	"Open rather than closed" malonate methano-fullerene derivatives. The formation of methanofulleroid adducts of $\text{Y}3\text{N}@C80$ . <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10423-30	16.4	112

- 257 Preparation and crystallographic characterization of a new endohedral, Lu<sub>3</sub>N@C<sub>80.5</sub> (o-xylene), and comparison with Sc<sub>3</sub>N@C<sub>80.5</sub> (o-xylene). *Chemistry - A European Journal*, **2002**, 8, 4528-35 4.8 109
- 256 Sc<sub>2</sub>(μ<sub>2</sub>-O) trapped in a fullerene cage: the isolation and structural characterization of Sc<sub>2</sub>(μ<sub>2</sub>-O)@C(s)6-C<sub>82</sub> and the relevance of the thermal and entropic effects in fullerene isomer selection. *Journal of the American Chemical Society*, **2010**, 132, 12098-105 16.4 108
- 255 A missing link in the transformation from asymmetric to symmetric metallofullerene cages implies a top-down fullerene formation mechanism. *Nature Chemistry*, **2013**, 5, 880-5 17.6 107
- 254 Reduction of a Tetraaryldigallane to Afford a Radical Anion with Ga<sup>+</sup>Ga Multiple Bonding Character. *Angewandte Chemie International Edition in English*, **1993**, 32, 717-719 107
- 253 Alteration of the aurophilic interactions in trimeric gold(I) compounds through charge transfer. Behavior of solvoluminescent Au(3)(MeN=COMe)(3) in the presence of electron acceptors. *Journal of the American Chemical Society*, **2001**, 123, 3260-7 16.4 101
- 252 Preparation and structure of CeSc<sub>2</sub>N@C<sub>80</sub>: an icosahedral carbon cage enclosing an acentric CeSc<sub>2</sub>N unit with buried f electron spin. *Journal of the American Chemical Society*, **2006**, 128, 8884-9 16.4 98
- 251 Nickel complexes of 21-oxaporphyrin and 21, 23-dioxaporphyrin. *Chemistry - A European Journal*, **1997**, 3, 268-78 4.8 93
- 250 Reactions of NO with Mn(II) and Mn(III) centers coordinated to carboxamido nitrogen: synthesis of a manganese nitrosyl with photolabile NO. *Inorganic Chemistry*, **2004**, 43, 2988-97 5.1 92
- 249 Synthesis and Characterization of the Monomeric TerphenylMetal Halides Ge(Cl){C<sub>6</sub>H<sub>3</sub>-2,6-Trip<sub>2</sub>} (Trip = C<sub>6</sub>H<sub>2</sub>-2,4,6-i-Pr<sub>3</sub>) and Sn(I){C<sub>6</sub>H<sub>3</sub>-2,6-Trip<sub>2</sub>} and the TerphenylMetal Amide Sn{N(SiMe<sub>3</sub>)<sub>2</sub>}{C<sub>6</sub>H<sub>3</sub>-2,6-Trip<sub>2</sub>}. *Organometallics*, **1998**, 17, 5602-5606 3.8 91
- 248 Syntheses, structures, and reactivity of low spin iron(III) complexes containing a single carboxamido nitrogen in a [FeN<sub>5</sub>L] chromophore. *Inorganic Chemistry*, **2001**, 40, 2810-7 5.1 90
- 247 Crystallographic characterization of the structure of the endohedral fullerene [Er<sub>2</sub>@C<sub>82</sub> isomer I] with C(s) cage symmetry and multiple sites for erbium along a band of ten contiguous hexagons. *Journal of the American Chemical Society*, **2002**, 124, 4172-3 16.4 89
- 246 X-Ray crystallographic and EPR spectroscopic characterization of a pyrrolidine adduct of Y<sub>3</sub>N@C<sub>80</sub>. *Chemical Communications*, **2006**, 2653-5 5.8 87
- 245 Crystallization and interconversions of vapor-sensitive, luminescent polymorphs of [(C<sub>6</sub>H<sub>11</sub>NC)<sub>2</sub>Au(I)](AsF<sub>6</sub>) and [(C<sub>6</sub>H<sub>11</sub>NC)<sub>2</sub>Au(I)](PF<sub>6</sub>). *Journal of the American Chemical Society*, **2012**, 134, 10885-93 16.4 84
- 244 Internal and external factors in the structural organization in cocrystals of the mixed-metal endohedrals (GdSc<sub>2</sub>N@Ih-C<sub>80</sub>, Gd<sub>2</sub>ScN@Ih-C<sub>80</sub>, and TbSc<sub>2</sub>N@Ih-C<sub>80</sub>) and nickel(II) octaethylporphyrin. *Inorganic Chemistry*, **2008**, 47, 1420-7 5.1 82
- 243 Partial Separation and Structural Characterization of C<sub>84</sub> Isomers by Crystallization of (η<sup>2</sup>-C<sub>84</sub>)Ir(CO)Cl(P(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>)<sub>2</sub>. *Journal of the American Chemical Society*, **1994**, 116, 2227-2228 16.4 82
- 242 Isolation of a small carbon nanotube: the surprising appearance of D(5h)(1)-C(90). *Angewandte Chemie - International Edition*, **2010**, 49, 886-90 16.4 80
- 241 Structure of a Product of Double Addition to C<sub>70</sub>: [C<sub>70</sub>{Ir(CO)Cl(PPhMe<sub>2</sub>)<sub>2</sub>}<sub>2</sub>]@C<sub>6</sub>H<sub>6</sub>. *Angewandte Chemie International Edition in English*, **1992**, 31, 1356-1358 79
- 240 Isolation and structural characterization of the molecular nanocapsule Sm(2)@D(3d)(822)-C(104). *Angewandte Chemie - International Edition*, **2009**, 48, 9114-6 16.4 77

- 239 Inorganic topochemistry. Vapor-induced solid state transformations of luminescent, three-coordinate gold(I) complexes. *Chemical Science*, **2013**, 4, 311-318 9.4 76
- 238 [2 + 2] cycloaddition reaction to Sc<sub>3</sub>N@I(h)-C<sub>80</sub>. The formation of very stable [5,6]- and [6,6]-adducts. *Journal of the American Chemical Society*, **2011**, 133, 1563-71 16.4 76
- 237 Disorder in a crystalline form of buckminsterfullerene: C<sub>60</sub>⊂C<sub>6</sub>H<sub>6</sub>. *Journal of the Chemical Society Chemical Communications*, **1993**, 56-58 75
- 236 A double addition product of C<sub>60</sub>: C<sub>60</sub>{Ir(CO)Cl(PMe<sub>2</sub>Ph)<sub>2</sub>}<sub>2</sub>. Individual crystallization of two conformational isomers. *Journal of the American Chemical Society*, **1992**, 114, 10984-10985 16.4 74
- 235 Co(III) Complexes with Carboxamido N and Thiolato S Donor Centers: Models for the Active Site of Co-Containing Nitrile Hydratases. *Journal of the American Chemical Society*, **1999**, 121, 3553-3554 16.4 70
- 234 Zigzag ScC Carbide Cluster inside a [88]Fullerene Cage with One Heptagon, ScC@C(hept)-C: A Kinetically Trapped Fullerene Formed by C Insertion?. *Journal of the American Chemical Society*, **2016**, 138, 13030-13037 16.4 70
- 233 Gadolinium-containing endohedral fullerenes: structures and function as magnetic resonance imaging (MRI) agents. *Dalton Transactions*, **2014**, 43, 7346-58 4.3 69
- 232 Preparation and structural characterization of the Ih and the D<sub>5h</sub> isomers of the endohedral fullerenes Tm<sub>3</sub>N@C<sub>80</sub>: icosahedral C<sub>80</sub> cage encapsulation of a trimetallic nitride magnetic cluster with three uncoupled Tm<sup>3+</sup> ions. *Inorganic Chemistry*, **2008**, 47, 5234-44 5.1 69
- 231 Very large, soluble endohedral fullerenes in the series La<sub>2</sub>C<sub>90</sub> to La<sub>2</sub>C<sub>138</sub>: isolation and crystallographic characterization of La<sub>2</sub>@D<sub>5</sub>(450)-C<sub>100</sub>. *Journal of the American Chemical Society*, **2011**, 133, 15338-41 16.4 68
- 230 Sc<sub>2</sub>@C<sub>66</sub> revisited: an endohedral fullerene with scandium ions nestled within two unsaturated linear triquinanes. *Journal of the American Chemical Society*, **2014**, 136, 7611-4 16.4 65
- 229 Sc<sub>3</sub>N@C<sub>78</sub>: encapsulated cluster regiocontrol of adduct docking on an ellipsoidal metallofullerene sphere. *Journal of the American Chemical Society*, **2007**, 129, 10795-800 16.4 65
- 228 Architecture of Crystalline Polymers Formed from the Binuclear Complexes XAuPh<sub>2</sub>P(CH<sub>2</sub>)<sub>n</sub>Ph<sub>2</sub>AuX through Weak Au(I)⋯Au(I) Interactions. *Inorganic Chemistry*, **1997**, 36, 5231-5238 5.1 61
- 227 Solid-Phase Synthesis: Intramolecular Azomethine Ylide Cycloaddition (β-Proline) and Carbanilide Cyclization (β-Hydantoin) Reactions. *Journal of Organic Chemistry*, **1998**, 63, 3081-3086 4.2 61
- 226 Single-crystal X-ray diffraction study of three Yb@C<sub>82</sub> isomers cocrystallized with Ni(II)(octaethylporphyrin). *Journal of the American Chemical Society*, **2012**, 134, 18772-8 16.4 60
- 225 Crystallographic Characterization of the Molecular Structure and Solid State Packing of the Fullerene-Shaped Hydrocarbon C<sub>36</sub>H<sub>12</sub>. *Journal of the American Chemical Society*, **1997**, 119, 5766-5767 16.4 59
- 224 Formation of a Curved Silver Nitrate Network That Conforms to the Shape of C<sub>60</sub> and Encapsulates the Fullerene. Structural Characterization of C<sub>60</sub>{Ag(NO<sub>3</sub>)<sub>3</sub>}<sub>5</sub>. *Angewandte Chemie - International Edition*, **1999**, 38, 231-233 16.4 59
- 223 Synthetic Analogs of Nitrite Adducts of Copper Proteins: Characterization and Interconversion of Dicopper(I,I) and -(I,II) Complexes Bridged Only by NO<sub>2</sub><sup>-</sup>. *Journal of the American Chemical Society*, **1994**, 116, 2173-2174 16.4 59
- 222 The pH-Dependent Synthesis and Structural Study of Dimer and Cyclic Trimer Complexes of 9-Methyl- or 9-Ethylhypoxanthine Nucleobases with (β-Pentamethylcyclopentadienyl)-rhodium Aqua Complexes. *Angewandte Chemie International Edition in English*, **1995**, 34, 1514-1517 58

- 221 Large endohedral fullerenes containing two metal ions, Sm<sub>2</sub>@D<sub>2</sub>(35)-C<sub>88</sub>, Sm<sub>2</sub>@C<sub>1</sub>(21)-C<sub>90</sub>, and Sm<sub>2</sub>@D<sub>3</sub>(85)-C<sub>92</sub>, and their relationship to endohedral fullerenes containing two gadolinium ions. *Journal of the American Chemical Society*, **2011**, 133, 16911-9 16.4 53
- 220 Synthetic analogues of the active site of the A-cluster of acetyl coenzyme A synthase/CO dehydrogenase: syntheses, structures, and reactions with CO. *Inorganic Chemistry*, **2006**, 45, 3424-36 5.1 53
- 219 Single-Crystal X-ray Structure of C<sub>60</sub>.cntdot.6SbPh<sub>3</sub>. A Well-Ordered Structure of C<sub>60</sub> and a New Fullerene Solvent. *Inorganic Chemistry*, **1995**, 34, 390-392 5.1 53
- 218 Beyond the Butterfly: Sc<sub>2</sub>C<sub>2</sub>@C(2v)(9)-C<sub>86</sub>, an Endohedral Fullerene Containing a Planar, Twisted Sc<sub>2</sub>C<sub>2</sub> Unit with Remarkable Crystalline Order in an Unprecedented Carbon Cage. *Journal of the American Chemical Society*, **2015**, 137, 10116-9 16.4 52
- 217 Isolation and crystallographic identification of four isomers of Sm@C<sub>90</sub>. *Journal of the American Chemical Society*, **2011**, 133, 6299-306 16.4 52
- 216 Solvensstimulierte Lumineszenz eines supramolekular assoziierten dreikernigen Gold(I)-Komplexes mit starken intermolekularen Au-Au-Wechselwirkungen. *Angewandte Chemie*, **1997**, 109, 1227-1229 3.6 52
- 215 X-ray crystallographic characterization of new soluble endohedral fullerenes utilizing the popular C<sub>82</sub> bucky cage. Isolation and structural characterization of Sm@C<sub>3v</sub>(7)-C<sub>82</sub>, Sm@C(s)(6)-C<sub>82</sub>, and Sm@C<sub>2</sub>(5)-C<sub>82</sub>. *Journal of the American Chemical Society*, **2012**, 134, 14127-36 16.4 51
- 214 Cocrystallization of Binuclear Iron(III) Porphyrins with C<sub>60</sub>: Bending of  $\text{EO}\{\text{FeIII}(\text{Octaethylporphyrin})\}$  and the First Structure of the Iron(III) Octaethylxophlorin Dimer. *Crystal Growth and Design*, **2003**, 3, 691-697 3.5 50
- 213 Structural models of the bimetallic subunit at the A-cluster of acetyl coenzyme a synthase/CO dehydrogenase: binuclear sulfur-bridged Ni-Cu and Ni-Ni complexes and their reactions with CO. *Journal of the American Chemical Society*, **2004**, 126, 14714-5 16.4 49
- 212 Possible Intermediates in Biological Metalloporphyrin Oxidative Degradation. Nickel, Copper, and Cobalt Complexes of Octaethylformylbiliverdin and Their Conversion to a Verdoheme. *Journal of the American Chemical Society*, **1998**, 120, 1274-1284 16.4 49
- 211 Crystallographic characterization of isomer 2 of Er<sub>2</sub>@C<sub>82</sub> and comparison with isomer 1 of Er<sub>2</sub>@C<sub>82</sub>. *Chemical Communications*, **2002**, 2688-9 5.8 48
- 210 Isolation of four isomers of C<sub>96</sub> and crystallographic characterization of nanotubular D<sub>3d</sub>(3)-C<sub>96</sub> and the somewhat flat-sided sphere C<sub>2</sub>(181)-C<sub>96</sub>. *Chemistry - A European Journal*, **2012**, 18, 2792-6 4.8 47
- 209 Tethered bisadducts of C<sub>60</sub> and C<sub>70</sub> with addends on a common hexagonal face and a 12-membered hole in the fullerene cage. *Journal of the American Chemical Society*, **2015**, 137, 7502-8 16.4 46
- 208 Isolation of three isomers of Sm@C<sub>84</sub> and X-ray crystallographic characterization of Sm@D<sub>3d</sub>(19)-C<sub>84</sub> and Sm@C<sub>2</sub>(13)-C<sub>84</sub>. *Journal of the American Chemical Society*, **2012**, 134, 5331-8 16.4 45
- 207 Structure, Magnetism, and Magnetoresistance of the Compounds Eu<sub>14</sub>MnAs<sub>11</sub> and Eu<sub>14</sub>MnP<sub>11</sub>. *Chemistry of Materials*, **2001**, 13, 1398-1406 9.6 45
- 206 A New In<sub>4</sub> Cluster with Short In-In Bonds in Trigonal-Planar In(InTrip<sub>2</sub>)<sub>3</sub>. *Angewandte Chemie International Edition in English*, **1996**, 35, 2355-2357 45
- 205 Silylamines with Pyramidal Coordination at Nitrogen. *Angewandte Chemie International Edition in English*, **1993**, 32, 425-427 45
- 204 Structural and Electrochemical Property Correlations of Metallic Nitride Endohedral Metallofullerenes. *Journal of Physical Chemistry C*, **2010**, 114, 13003-13009 3.8 44

- 203 Metal-Ion-Templated Polymers: Synthesis and Structure of N-(4-Vinylbenzyl)-1,4,7-Triazacyclononanezinc(II) Complexes, Their Copolymerization with Divinylbenzene, and Metal-Ion Selectivity Studies of the Demetalated Resins. Evidence for a Sandwich Complex in the Polymer Matrix. *Angewandte Chemie International Edition in English*, **1997**, 16.4 43
- 202 Crystallographic characterization of Kr@C60 in (0.09Kr@C60/0.91C60). (NiII(OEP))<sub>2</sub>C6H6. *Chemical Communications*, **2002**, 1352-3 5.8 43
- 201 Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell La<sub>2</sub>@Ih-C80 Derivative. *Angewandte Chemie - International Edition*, **2016**, 55, 4242-6 16.4 42
- 200 Allylic Sulfones in Solid-Phase Synthesis: Preparation of Cyclobutylidenes. *Journal of Organic Chemistry*, **1999**, 64, 8557-8562 4.2 42
- 199 Selective synthesis, isolation, and crystallographic characterization of LaSc<sub>2</sub>N@I(h)-C80. *Inorganic Chemistry*, **2012**, 51, 13096-102 5.1 41
- 198 Single samarium atoms in large fullerene cages. Characterization of two isomers of Sm@C92 and four isomers of Sm@C94 with the X-ray crystallographic identification of Sm@C1(42)-C92, Sm@C(s)(24)-C92, and Sm@C3v(134)-C94. *Journal of the American Chemical Society*, **2012**, 134, 10933-41 16.4 41
- 197 Isolation and structural characterization of two very large, and largely empty, endohedral fullerenes: Tm@C(3v)-C(94) and Ca@C(3v)-C(94). *Inorganic Chemistry*, **2009**, 48, 6004-10 5.1 41
- 196 The cycloaddition reaction of I(h)-Sc@C with 2-amino-4,5-diisopropoxybenzoic acid and isoamyl nitrite to produce an open-cage metallofullerene. *Angewandte Chemie - International Edition*, **2011**, 50, 4658-62 16.4 40
- 195 Supramolecular Aggregation of Pd<sub>6</sub>Cl<sub>12</sub>, a Cluster of Comparable Size to a Fullerene, with Aromatic Donors and with C60. *Journal of the American Chemical Society*, **1996**, 118, 7737-7745 16.4 40
- 194 New positive Ca<sup>2+</sup>-activated K<sup>+</sup> channel gating modulators with selectivity for KCa3.1. *Molecular Pharmacology*, **2014**, 86, 342-57 4.3 39
- 193 Synthesis and characterization of the GeO(4)Al(12)(OH)(24)(OH<sub>2</sub>)(12)(8+) polyoxocation. *Inorganic Chemistry*, **2001**, 40, 4485-7 5.1 39
- 192 Synthesis and Isolation of the Titanium-Scandium Endohedral Fullerenes-Sc<sub>2</sub>Ti@Ih-C80, Sc<sub>2</sub>Ti@D5h-C80 and Sc<sub>2</sub>Ti@Ih-C80: Metal Size Tuning of the Ti(IV)/Ti(III) Redox Potentials. *Chemistry - A European Journal*, **2016**, 22, 13098-107 4.8 39
- 191 High-yield, regiospecific bis-functionalization of C using a Diels-Alder reaction in molten anthracene. *Chemical Communications*, **2014**, 50, 10584-7 5.8 37
- 190 Conversion of azomethine moiety to carboxamido group at cobalt(III) center in model complexes of Co-containing nitrile hydratase. *Inorganic Chemistry*, **2001**, 40, 5408-14 5.1 37
- 189 Utilization of a Nonemissive Triphosphine Ligand to Construct a Luminescent Gold(I)-Box That Undergoes Mechanochromic Collapse into a Helical Complex. *Journal of the American Chemical Society*, **2018**, 140, 7533-7542 16.4 36
- 188 Bis(benzonitrile)palladium(II) Dihalides: Structures and Cocrystallization of the Cubic Cluster Pd<sub>6</sub>Cl<sub>12</sub> with (E)-Stilbene and with Bis(benzonitrile)palladium(II) Dichloride. *Inorganic Chemistry*, **2000**, 39, 4555-4559 5.1 35
- 187 Diastereoselective Solid-Phase Synthesis of Novel Hydantoin- and Isoxazoline-Containing Heterocycles. *Journal of Organic Chemistry*, **1998**, 63, 6579-6585 4.2 35
- 186 Regioselective benzyl radical addition to an open-shell cluster metallofullerene. Crystallographic studies of cocrystallized Sc<sub>3</sub>C<sub>2</sub>@Ih-C80 and its singly bonded derivative. *Journal of the American Chemical Society*, **2014**, 136, 10534-40 16.4 34

- 185 High yield synthesis of a new fullerene linker and its use in the formation of a linear coordination polymer by silver complexation. *Chemical Communications*, **2013**, 49, 3209-11 5.8 33
- 184 Synthesis of silylene-bridged endohedral metallofullerene Lu<sub>3</sub>N@I(h)-C<sub>80</sub>. *Journal of the American Chemical Society*, **2012**, 134, 16033-9 16.4 33
- 183 Fullerenes without symmetry: crystallographic characterization of C<sub>1</sub>(30)-C<sub>90</sub> and C<sub>1</sub>(32)-C<sub>90</sub>. *Chemical Communications*, **2011**, 47, 2068-70 5.8 33
- 182 Sc<sub>3</sub>N@C<sub>68</sub>: Folded Pentalene Coordination in an Endohedral Fullerene that Does Not Obey the Isolated Pentagon Rule. *Angewandte Chemie*, **2003**, 115, 928-931 3.6 33
- 181 Vinyl sulfones in solid-phase synthesis: preparation of 4,5,6,7-tetrahydroisindole derivatives. *Journal of Organic Chemistry*, **2001**, 66, 5528-33 4.2 33
- 180 Silylamine mit pyramidal umgebenem Stickstoff. *Angewandte Chemie*, **1993**, 105, 459-461 3.6 33
- 179 Azide addition to an endohedral metallofullerene: formation of azafulleroids of Sc<sub>3</sub>N@I(h)-C<sub>80</sub>. *Journal of the American Chemical Society*, **2012**, 134, 11956-9 16.4 32
- 178 Synthesis and Characterization of New, Chiral P<sup>h</sup> Ligands and Their Use in Asymmetric Allylic Alkylation. *Organometallics*, **2010**, 29, 6334-6342 3.8 32
- 177 Cation and hydrogen bonding effects on the self-association and luminescence of the dicyanoaurate ion, [Au(CN)<sub>2</sub>]<sup>-</sup>. *Dalton Transactions*, **2003**, 4282 4.3 32
- 176 2C<sub>60</sub>⊂CS<sub>2</sub>: orientational ordering accompanies the reversible phase transition at 168 K. *Chemical Communications*, **2000**, 483-484 5.8 32
- 175 Tetrapyrroles as pi Donors: A Pd(2)(2+) Unit Sandwiched between Two Helical Bilindione-Palladium Moieties. *Angewandte Chemie - International Edition*, **1999**, 38, 2761-2763 16.4 32
- 174 Coinage Metal Pyrazolates [(3,5-(CF<sub>3</sub>)<sub>2</sub>Pz)M]<sub>3</sub> (M = Au, Ag, Cu) as Buckycatchers. *Inorganic Chemistry*, **2016**, 55, 8277-80 5.1 32
- 173 Synthesis, characterization, and antibacterial activity of structurally complex 2-acylated 2,3,1-benzodiazaborines and related compounds. *Chemistry and Biodiversity*, **2014**, 11, 1381-97 2.5 31
- 172 Splendid symmetry: crystallization of an unbridged isomer of Co<sub>2</sub>(CO)<sub>8</sub> in Co<sub>2</sub>(CO)<sub>8</sub>.C<sub>60</sub>. *Chemical Communications*, **2009**, 7143-5 5.8 31
- 171 Effects of anions on the solid state structures of linear gold(I) complexes of the type (o-xylyl isocyanide)gold(I) (monoanion). *Journal of the Chemical Society Dalton Transactions*, **1998**, 3715-3720 3.1
- 170 Shuttling of nickel oxidation states in N<sub>4</sub>S<sub>2</sub> coordination geometry versus donor strength of tridentate N<sub>2</sub>S donor ligands. *Inorganic Chemistry*, **2012**, 51, 7625-35 5.1 30
- 169 Blue or green glowing crystals of the cation [Au{C(NHMe)<sub>2</sub>}<sub>2</sub>]<sup>+</sup>. Structural effects of anions, hydrogen bonding, and solvate molecules on the luminescence of a two-coordinate gold(I) carbene complex. *Inorganic Chemistry*, **2008**, 47, 3442-51 5.1 30
- 168 Interactions of metalloporphyrins as donors with the electron acceptors C<sub>60</sub>, tetracyanoquinomethane (TCNQ) and trinitrofluorenylidene malonitrile. *Dalton Transactions*, **2003**, 3227-3 3.0



- 167 Isolierung und strukturelle Charakterisierung des endohedralen Fullerenes Sc<sub>3</sub>N@C<sub>78</sub>. *Angewandte Chemie*, **2001**, 113, 1263-1265 3.6 30
- 166 Sequential 1,3-dipolar cycloadditions in the synthesis of bis-isoxazolo substituted piperidinones. *Journal of Organic Chemistry*, **2000**, 65, 499-503 4.2 30
- 165 Synthesis and reactions of some heterocyclic azacyanines. *Journal of Organic Chemistry*, **2001**, 66, 1310-54.2 29
- 164 Structural similarities in C(s)(16)-C<sub>86</sub> and C(2)(17)-C<sub>86</sub>. *Chemical Communications*, **2010**, 46, 5262-4 5.8 28
- 163 Intramolecular Diels-Alder Reactions of Decatrienoates: Remote Stereocontrol and Conformational Activation(1). *Organic Letters*, **2000**, 2, 1831-1834 6.2 28
- 162 The Instability of Ni{N(SiMe<sub>3</sub>)<sub>2</sub>}<sub>2</sub>: A Fifty Year Old Transition Metal Silylamide Mystery. *Angewandte Chemie - International Edition*, **2015**, 54, 12914-7 16.4 27
- 161 Redox characteristics of nickel and palladium complexes of the open-chain tetrapyrrole octaethylbilindione: a biliverdin model. *Inorganic Chemistry*, **2000**, 39, 1128-34 5.1 27
- 160 Structural and electrochemical characterization of the products of the C<sub>60</sub>-piperazine reaction. *Journal of the Chemical Society Chemical Communications*, **1995**, 2287-2288 27
- 159 Structural analysis of products from the C<sub>60</sub>-piperazine reaction. Consistent geometric distortions of the fullerene core upon adduct formation. *Tetrahedron*, **1996**, 52, 5021-5032 2.4 27
- 158 Aqueous Organometallic Chemistry. 2. <sup>1</sup>H NMR Spectroscopic, Synthetic, and Structural Study of the Chemo- and Diastereoselective Reactions of [Cp\*<sup>+</sup>Rh(H<sub>2</sub>O)<sub>3</sub>]<sup>2+</sup> with Nitrogen Ligands as a Function of pH. *Organometallics*, **1996**, 15, 2009-2013 3.8 26
- 157 Reactivity differences of Sc<sub>3</sub>N@C(2n) (2n = 68 and 80). Synthesis of the first methanofullerene derivatives of Sc<sub>3</sub>N@D(5h)-C<sub>80</sub>. *Chemical Communications*, **2016**, 52, 64-7 5.8 25
- 156 Synthesis and structure of LaSc<sub>2</sub>N@C(s)(hept)-C<sub>80</sub> with one heptagon and thirteen pentagons. *Angewandte Chemie - International Edition*, **2015**, 54, 495-9 16.4 25
- 155 Copper complexes relevant to the catalytic cycle of copper nitrite reductase: electrochemical detection of NO(g) evolution and flipping of NO<sub>2</sub> binding mode upon Cu(II) → Cu(I) reduction. *Inorganic Chemistry*, **2013**, 52, 11084-95 5.1 25
- 154 Tethered Heavy Dicarbene Analogues: Synthesis and Structure of Ditetryldiyl Ethers (Ar<sup>+</sup>E)<sub>2</sub>(EO) (E = Ge, Sn; Ar<sup>+</sup> = C<sub>6</sub>H<sub>3</sub>-2,6-(C<sub>6</sub>H<sub>3</sub>-2,6-iPr<sub>2</sub>)<sub>2</sub>). *Organometallics*, **2011**, 30, 3468-3471 3.8 25
- 153 Fluorinated Tetraphenylporphyrins as Cocrystallizing Agents for C<sub>60</sub> and C<sub>70</sub>. *Crystal Growth and Design*, **2006**, 6, 109-113 3.5 25
- 152 Formation of crystalline polymers from the reaction of amine-functionalized C<sub>60</sub> with silver salts. *Inorganic Chemistry*, **2009**, 48, 1339-45 5.1 24
- 151 In(InTrip<sub>2</sub>)<sub>3</sub>: ein neuartiger In<sub>4</sub>-Cluster mit kurzen In-In-Bindungen und trigonal-planarer Geometrie. *Angewandte Chemie*, **1996**, 108, 2528-2530 3.6 24
- 150 Dynamic Behavior and Isomerization Equilibria of Distannenes Synthesized by Tin Hydride/Olefin Insertions: Characterization of the Elusive Monohydrido Bridged Isomer. *Journal of the American Chemical Society*, **2017**, 139, 6586-6595 16.4 23

- 149 Bioorganometallic Chemistry. 27. Synthetic, X-ray Crystallographic, and Competitive Binding Studies in the Reactions of Nucleobases, Nucleosides, and Nucleotides with  $[Cp^*Rh(H_2O)_3](OTf)_2$ , as a Function of pH, and the Utilization of Several  $Cp^*Rh$ -DNA Base Complexes in Host-Guest Chemistry. *Organometallics*, **2014**, 33, 2389-2404 3.8 23
- 148 Hexacoordinate nickel(II)/(III) complexes that mimic the catalytic cycle of nickel superoxide dismutase. *Angewandte Chemie - International Edition*, **2014**, 53, 10184-9 16.4 23
- 147 Approaches to  $\beta$ -Fused Porphyrinoporphyrins: Pyrrolo- and Dipyrromethaneporphyrins. *Journal of Porphyrins and Phthalocyanines*, **1997**, 01, 201-212 1.8 23
- 146 Addition of diprotic nucleophiles to a C60-tetrazine monoadduct: structural reassignment and correction of a novel rearrangement. *Chemical Communications*, **2001**, 1758-9 5.8 23
- 145 Ring-opening and meso substitution from the reaction of cyanide ion with zinc verdohemes. *Inorganic Chemistry*, **2001**, 40, 5585-95 5.1 23
- 144 Synthesis and Characterization of a New Compound with Alternating MnO<sub>2</sub><sup>2-</sup> and Zn<sub>2</sub>As<sub>2</sub><sup>2-</sup> Layers: Ba<sub>2</sub>MnZn<sub>2</sub>As<sub>2</sub>O<sub>2</sub>. *Chemistry of Materials*, **1998**, 10, 392-396 9.6 23
- 143 Doppelte Addition eines Iridiumkomplexes an C70:  $[C_{70}\{Ir(CO)Cl(PPhMe_2)_2\}_2] \cdot 3C_6H_6$ . *Angewandte Chemie*, **1992**, 104, 1400-1402 3.6 23
- 142 Catalytic dehydrocoupling of amines and boranes by an incipient tin(II) hydride. *Chemical Communications*, **2016**, 52, 13656-13659 5.8 23
- 141 Tin(II) Hydrides as Intermediates in Rearrangements of Tin(II) Alkyl Derivatives. *Journal of the American Chemical Society*, **2017**, 139, 6596-6604 16.4 22
- 140 Reactivity comparison of five- and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. *RSC Advances*, **2015**, 5, 85111-85121 3.7 22
- 139 [5,6]-Open methanofullerene derivatives of I(h)-C80. *Angewandte Chemie - International Edition*, **2013**, 52, 11826-30 16.4 22
- 138 Molecular nesting in co-crystals of tetrabenzozquadranulene and C60: application of the sphere in a cone model. *Chemical Communications*, **2012**, 48, 9882-4 5.8 22
- 137 Reactivity of the Verdoheme Analogues. Opening of the Planar Macrocyclic by Amide and Thiolate Nucleophiles To Form Helical Complexes. *Inorganic Chemistry*, **1999**, 38, 5379-5383 5.1 22
- 136 Synthesis and Structure of LaSc<sub>2</sub>N@Cs(hept)-C80 with One Heptagon and Thirteen Pentagons. *Angewandte Chemie*, **2015**, 127, 505-509 3.6 21
- 135 Heterolytic Cleavage of the C≡N Bond of Acetonitrile with Simple Monomeric Cu(I) Complexes: Melding Old Copper Chemistry with New Reactivity. *Angewandte Chemie*, **2001**, 113, 4888-4890 3.6 21
- 134 New tetraazaannulene hosts for fullerenes. *Inorganic Chemistry*, **2010**, 49, 5120-5 5.1 20
- 133 Steric and Electronic Effects of Carbene Substitution in Grubbs First-Generation Catalysts. *Organometallics*, **2009**, 28, 6789-6797 3.8 20
- 132 Binding of CO to structural models of the bimetallic subunit at the A-cluster of acetyl coenzyme A synthase/CO dehydrogenase. *Chemical Communications*, **2004**, 1744-5 5.8 20

131	Role of Anions and Mixtures of Anions on the Thermochromism, Vapochromism, and Polymorph Formation of Luminescent Crystals of a Single Cation, [(CHNC)Au]. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5689-5701	16.4	19
130	The Unanticipated Dimerization of Ce@C (9)-C upon Co-crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric M@C (9)-C (M = La, Sc, and Y). <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18115-18122	4.8	19
129	Isolation of CeLu <sub>2</sub> N@Ih-C80 through a Non-Chromatographic, Two-Step Chemical Process and Crystallographic Characterization of the Pyramidalized CeLu <sub>2</sub> N within the Icosahedral Cage. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10362-8	4.8	19
128	Ordered Structures from Crystalline Carbon Disulfide Solvates of the Nano-Tubular Fullerenes D5h(1)-C90 and D5h-C70. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4591-4598	3.5	19
127	Solubility of several analogues of triphenylphosphine in carbon dioxide. <i>Green Chemistry</i> , <b>2005</b> , 7, 590	10	19
126	Isolation and Structural Proof of the Large Diamond Molecule, Cyclohexamantane (C <sub>26</sub> H <sub>30</sub> ). <i>Angewandte Chemie</i> , <b>2003</b> , 115, 2086-2090	3.6	19
125	Synthesis and Structural Characterization of [(Et <sub>2</sub> O)Mg] <sub>6</sub> (NPh) <sub>4</sub> Br <sub>4</sub> ]: A Magnesium Imide Cage Species Derived from a Dimagnesiumamine Solution. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1000-1001		19
124	Metal ion size and the pyramidalization of trimetallic nitride units inside a fullerene cage: Comparisons of the crystal structures of M <sub>3</sub> N@Ih-C80 (M = Gd, Tb, Dy, Ho, Er, Tm, Lu, and Sc) and some mixed metal counterparts. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 468, 321-326	2.7	18
123	Isolation and crystallographic characterization of Sm@C <sub>2v</sub> (3)-C80 through cocrystal formation with Ni(II)(octaethylporphyrin) or bis(ethylenedithio)tetrathiafulvalene. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1275-84	5.1	18
122	[U(bipy)]: A Mistaken Case of U?. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1931-1936	4.8	18
121	Isolation and Crystallographic Characterization of Gd <sub>3</sub> N@D <sub>2</sub> (35)-C88 through Non-Chromatographic Methods. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 62-7	5.1	17
120	Four-Fold Alkyne Benzannulation: Synthesis, Properties, and Structure of Pyreno[ ]pyrene-Based Helicene Hybrids. <i>Organic Letters</i> , <b>2019</b> , 21, 8652-8656	6.2	17
119	Crystallographic and computational studies of luminescent, binuclear gold(I) complexes, Au(I) <sub>2</sub> (Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>n</sub> PPh <sub>2</sub> ) <sub>2</sub> I <sub>2</sub> (n = 3-6). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 823-31	5.1	17
118	2-Aminoethanol Extraction as a Method for Purifying Sc <sub>3</sub> N@C80 and for Differentiating Classes of Endohedral Fullerenes on the Basis of Reactivity. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17035-43	4.8	17
117	Dipeptide Surrogates Containing Asparagine-Derived Tetrahydropyrimidinones: Preparation, Structure, and Use in Solid Phase Synthesis. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 4305-4306	16.4	17
116	Rates of solvent exchange in aqueous aluminium(III)thallate complexes. <i>Dalton Transactions RSC</i> , <b>2002</b> , 2119		17
115	Ordered Crystals of Fullerenes Produced by Cocrystallization with Halogenated Azatriquinacenes. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 75-82	3.5	16
114	A remarkable skeletal rearrangement of a coordinated tetrapyrrole: chemical consequences of palladium pi-coordination to a bilindione. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 10554-9	16.4	16

113	Carbon Monoxide Production during the Oxygenation of Cobalt Complexes of Linear Tetrapyrroles. Formation and Characterization of Coll(tetraethylpropentdyopent anion) <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 982-988	5.1	16
112	The design of synthetic superoxide dismutase mimetics: seven-coordinate water soluble manganese(ii) and iron(ii) complexes and their superoxide dismutase-like activity studies. <i>Dalton Transactions</i> , <b>2017</b> , 46, 14186-14191	4.3	15
111	Isolation and characterization of [5,6]-pyrrolidino-ScN@I(h)-C <sub>60</sub> Diastereomers. <i>Chemical Communications</i> , <b>2014</b> , 50, 12552-5	5.8	15
110	An order-disorder phase transition in the structure of C <sub>60</sub> @benzene. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2012</b> , 68, 66-70		15
109	Synthesis, Crystal Structure, Spectroscopic, Electrochemical and Antimicrobial Properties of Cu(II) Complex with the Mixed Ligands of 2,9-Dimethyl-1,10-phenanthroline and 4-Hydroxypyridine-2,6-dicarboxylic Acid. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 28, 2167-2173	4.9	15
108	Änderung der Reaktivität eines Tellurophens durch eine Porphyrinumgebung: Synthese und Oxidation von 21-Telluraporphyrin. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 2467-2469	3.6	15
107	First structural example of a metal uncoordinated mesoionic imidazo[1,5-a]pyridine and its precursor intermediate copper complex: an insight to the catalytic cycle. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12866-76	4.3	14
106	C <sub>60</sub> Cl <sub>6</sub> , C <sub>60</sub> Br <sub>8</sub> and C <sub>60</sub> (NO <sub>2</sub> ) <sub>6</sub> as Selective Tools in Organic Synthesis. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2009</b> , 17, 349-360	1.8	14
105	Adamantylidene Addition to M N@I -C (M=Sc, Lu) and Sc N@D -C : Synthesis and Crystallographic Characterization of the [5,6]-Open and [6,6]-Open Adducts. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 6552-6561	4.8	13
104	Polymorphs and aurophilic interactions in colorless crystals of Au <sub>2</sub> (Et) <sub>2</sub> bis-(diphenylarsino)ethane) <sub>X2</sub> , (X = Cl, Br, I). <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 1925-32	5.1	13
103	Actuating Cycloaromatization of a Bicyclo[7.3.1]enediynes by Annelation: An Example of Inverse Dependence on Bridge Atom Hybridization. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 470-473	16.4	13
102	Aurophilic attractions: one cation, [Au{C(OMe)NMeH} <sub>2</sub> ] <sup>+</sup> , but three different structural arrangements in the solid state salts. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4098-4103		13
101	Vapoluminescent Behavior and the Single-Crystal-to-Single-Crystal Transformations of Chloroform Solvates of [Au (Et) <sub>2</sub> bis(diphenylarsino)ethane ](AsF <sub>6</sub> ). <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 874-878	4.8	13
100	Single-Crystal X-ray Diffraction Studies of Solvated Crystals of C Reveal the Intermolecular Interactions between the Component Molecules. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 9626-9636	2.8	13
99	Orientalional variation, solvate composition and molecular flexibility in well-ordered cocrystals of the fullerene C <sub>70</sub> with bis(ethylenedithio)tetrathiafulvalene. <i>Chemical Communications</i> , <b>2013</b> , 49, 10721-10723	5.8	12
98	Dipeptide Surrogates Containing Asparagine-Derived Tetrahydropyrimidinones: Structure and Amide Rotamer Stereochemistry of a Proline Mimic. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 5148-5151	4.2	12
97	pH-abhängige Synthese und Strukturanalyse der dimeren sowie cyclischen trimeren 9-Methyl-bzw. 9-Ethylhypoxanthin-(1,3,5-tripentamethyl-cyclopentadienyl)rhodium-Komplexe. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 1590-1593	3.6	12
96	Formation of a Stable Complex, RuCl <sub>2</sub> (S <sub>2</sub> CPh <sub>3</sub> )(PPh <sub>3</sub> ) <sub>2</sub> , Containing an Unstable Zwitterion from the Reaction of RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> with Carbon Disulfide. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 4565-73	5.1	11

95	Silver(I)-Mediated Modification, Dimerization, and Polymerization of an Open-Cage Fullerene. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 16459-16465	16.4	11
94	Crystal Engineering Gone Awry. What a Difference a Few Methyl Groups Make in Fullerene/Porphyrin Cocrystallization. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 447-455	3.5	11
93	Zippering up fullerenes into polymers using rhodium(II) acetate dimer and N(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> N@C <sub>60</sub> as building blocks. <i>Chemical Communications</i> , <b>2014</b> , 50, 15152-5	5.8	11
92	[5,6]-Open Methanofullerene Derivatives of I <sub>h</sub> -C <sub>80</sub> . <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12042-12046	3.6	11
91	Colorless, non-luminescent; colorless, luminescent; and yellow, luminescent crystals of the cation [Au{C(NHCH(3))(NHCH(2)CH(2)OH)}(2)](+). The roles of anions and hydrogen bonding in determining the aggregation of two-coordinate gold(I) cations. <i>Dalton Transactions</i> , <b>2008</b> , 4157-64	4.3	11
90	Pyrochlore-structured Y <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> ·TiO <sub>2</sub> composite thin films for photovoltaic applications. <i>Journal of the Australian Ceramic Society</i> , <b>2019</b> , 55, 921-932	1.5	10
89	New Insights into the Structural Complexity of C <sub>60</sub> ·S <sub>8</sub> : Two Crystal Morphologies, Two Phase Changes, Four Polymorphs. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 404-410	3.5	10
88	Identifying a Needle in a Haystack: Isolation and Structural Characterization of Er C as the Carbide Er C @D (85)-C. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13479-13484	4.8	10
87	Preparation, Structural Determination, and Characterization of Electronic Properties of Bis-silylated and Bis-germylated Lu <sub>3</sub> N@I <sub>h</sub> -C <sub>80</sub> . <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16411-20	4.8	10
86	Mixed valence copper-sulfur clusters of highest nuclearity: a Cu wheel and a Cu nanoball. <i>Chemical Communications</i> , <b>2017</b> , 53, 3334-3337	5.8	9
85	Waves of Halogen-Halogen Bond Formation in the Cocrystallization of Hexabromobenzene and 1,2,4,5-Tetrabromobenzene with C <sub>70</sub> . <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2480-2485	3.5	9
84	Regioselective cage opening of La <sub>2</sub> @D <sub>2</sub> (10611)-C <sub>72</sub> with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2232-5	16.4	9
83	Isolation and Crystallographic Characterization of Two, Nonisolated Pentagon Endohedral Fullerenes: Ho N@C (22010)-C and Tb N@C (22010)-C. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 12545-12551	4.8	9
82	Cocrystallization of C <sub>60</sub> or C <sub>70</sub> with the Bowl-Shaped Hydrocarbon Hexakis[(E)-3,3-dimethyl-1-butenyl]benzene To Form Chains of Clamshell Assemblies. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4005-4010	3.5	9
81	The Cycloaddition Reaction of I <sub>h</sub> -Sc <sub>3</sub> N@C <sub>80</sub> with 2-Amino-4,5-diisopropoxybenzoic Acid and Isoamyl Nitrite to Produce an Open-Cage Metallofullerene. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4754-4758	3.6	9
80	Coordination behavior of three geometric isomers of indole-based S-benzylthiocarbazone ligands towards nickel, zinc and cadmium divalent ions. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 233-240	2.7	9
79	Bildung eines gekrümmten Silbernitratnetzes, das sich der Form von C <sub>60</sub> annähert und es umschließt. Strukturelle Charakterisierung von C <sub>60</sub> {Ag(NO <sub>3</sub> )} <sub>5</sub> . <i>Angewandte Chemie</i> , <b>1999</b> , 111, 243-245	3.6	9
78	Tetrapyrrole als Donoren: ein Sandwichkomplex aus einer Pd <sup>2+</sup> -Einheit und zwei helicalen Bilindion-Palladium-Liganden. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2930-2932	3.6	9

77	Small Rhodium Aggregates with Unusual Oxidation States. The Synthesis and Structure of [Rh <sub>3</sub> ((Ph <sub>2</sub> PCH <sub>2</sub> ) <sub>2</sub> PPh) <sub>2</sub> (CO) <sub>4</sub> ] [BPh <sub>4</sub> ] <sup>-</sup> ·0.77 Acetone. <i>Israel Journal of Chemistry</i> , <b>1985</b> , 25, 189-195	3.4	9
76	Metal Ion Effects on Fullerene/Porphyrin Cocrystallization. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 6743-6753	3.5	8
75	A Copper(II) Nitrite That Exhibits Change of Nitrite Binding Mode and Formation of Copper(II) Nitrosyl Prior to Nitric Oxide Evolution. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 1550-1561	5.1	8
74	[[{(Et <sub>2</sub> O)Mg} <sub>6</sub> (NPh) <sub>4</sub> Br <sub>4</sub> ]: eine aus einer Imidobis(magnesiumbromid)-Lösung erhaltene Magnesiumimid-Käfigverbindung. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 1056-1057	3.6	8
73	PREPARATION AND X-RAY CRYSTAL STRUCTURE OF THE CYCLIC DIMER OF 1,2-DITHIOLANE: 1,2,6,7-TETRATHIACYCLODECANE. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1983</b> , 16, 299-302		8
72	Steric effects and aurophilic interactions in crystals of Au <sub>2</sub> (Et <sub>1</sub> ,2-bis(diphenylphosphino)ethane)X <sub>2</sub> and Au <sub>2</sub> (Et <sub>1</sub> ,2-bis(dicyclohexylphosphino)ethane)X <sub>2</sub> (X = Cl, Br, I). <i>Polyhedron</i> , <b>2016</b> , 117, 535-541	2.7	8
71	Regioselective Synthesis and Crystallographic Characterization of Isoxazoline-Ring-Fused Derivatives of Sc <sub>3</sub> N@Ih-C <sub>80</sub> and C <sub>60</sub> . <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4075-7	5.1	8
70	Tethered bis-pyrrolidine additions to C <sub>70</sub> : Some unexpected and new regioisomers. <i>Carbon</i> , <b>2016</b> , 105, 394-400	10.4	8
69	A single crystal X-ray diffraction study of a fully ordered cocrystal of pristine Sc <sub>3</sub> N@D <sub>3</sub> h(5)C <sub>78</sub> . <i>Polyhedron</i> , <b>2013</b> , 58, 129-133	2.7	7
68	New Endohedral Metallofullerenes: Trimetallic Nitride Endohedral Fullerenes <b>2010</b> , 239-259		7
67	Unexpected Rearrangement of a Borneol-Derived O-Benzylated Hydroxamic Acid: Facile Synthesis of an Optically Active Multidentate Ligand. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 368-371	4.2	7
66	Model Complexes for the Ni Site of Acetyl Coenzyme A Synthase/Carbon Monoxide (CO) Dehydrogenase: Structure, Electrochemistry, and CO Reactivity. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 13713-13727	5.1	7
65	Synthesis and characterization of a trans-1 hexakis-fullerene linker that forms crystalline polymers with silver salts. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18487-91	4.3	6
64	Nickel(II)-Mediated Reversible Thiolate/Disulfide Conversion as a Mimic for a Key Step of the Catalytic Cycle of Methyl-Coenzyme M Reductase. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9177-9185	16.4	6
63	Unsymmetrical Coordination of Bipyridine in Three-Coordinate Gold(I) Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 4109-4117	5.1	6
62	Piperazine Functionalization of C for Incorporation into Supramolecular Assemblies. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18908-18915	4.8	6
61	Incorporation of the Similarly Sized Molecules, Diiodine and Carbon Disulfide, into Cocrystals Formed with the Fullerenes, C <sub>60</sub> or C <sub>70</sub> . <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5131-5136	3.5	6
60	A zwitterion produced by a strong intramolecular N-B interaction in 1-hydroxy-2-(pyridin-2-ylcarbonyl)benzo[d][1,2,3]diazaborinine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 1085-8	0.8	6

59	Essential Oil from <i>Nepeta govaniensis</i> Benth. Study of its Major Terpenes. <i>Journal of Essential Oil Research</i> , <b>2003</b> , 15, 28-30	2.3	6
58	A Dumbbell Shaped Fullerene Dimer with An Inorganic Linker. Addition of C <sub>60</sub> and Tetracyanoethylene to Ir <sub>2</sub> (CO) <sub>2</sub> Cl <sub>2</sub> (Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>n</sub> PPh <sub>2</sub> ) <sub>2</sub> (n=5 or 7). <i>Journal of Cluster Science</i> , <b>2000</b> , 11, 67-77	3	6
57	The Preparation of Luminescent, Mechanochromic Molecular Containers from Non-Emissive Components: The Box Cations, [Au (Triphos) Br] and [Au (Triphos) Br ]. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3849-3857	4.8	6
56	Isolation and Structural Characterization of the Endohedral Fullerene Sc(3)N@C(78) This work was supported by the US National Science Foundation (Grants CHE 9610507 and CHE 0070291 to A.L.B.), LUNA Innovations (H.C.D.), and the Gulbenkian Foundation (postdoctoral fellowship to A.J.D.-D.). <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1223-1225	16.4	6
55	New Angular Polycyclic Aromatic Boron Heterocycle Ring Systems. <i>Journal of Heterocyclic Chemistry</i> , <b>2017</b> , 54, 749-752	1.9	5
54	Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell La <sub>2</sub> @Ih-C <sub>80</sub> Derivative. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4314-4318	3.6	5
53	A Tetradentate Diiminato Ligand Containing Phenolate Substituents: Flexivalent Coordination to Mn(III), Co(III), Ni(II), and Cu(I). <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5752-5759	2.3	5
52	Insertion of a Transient Tin Nitride into Carbon-Carbon and Boron-Carbon Bonds. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14596-14604	5.1	5
51	The Instability of Ni{N(SiMe <sub>3</sub> ) <sub>2</sub> } <sub>2</sub> : A Fifty Year Old Transition Metal Silylamide Mystery. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13106-13109	3.6	5
50	Reshaping molecules through cocrystallization. Comparison of the structures of Hg{Co(CO) <sub>4</sub> } <sub>2</sub> and Hg{Co(CO) <sub>4</sub> } <sub>2</sub> @C <sub>60</sub> @toluene. <i>Chemical Communications</i> , <b>2013</b> , 49, 5921-3	5.8	5
49	Bilayer Packing of Amphiphilic Cationic Fullerenes in Crystalline Salts: Models for Self-Assembled Nanostructures. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 976-980	3.5	5
48	Synthesis, spectroscopic and crystal structure of a new 2D coordination polymer of Ni(II) constructed by naphthalene-1,4-dicarboxylic acid; Nanomolar detection of fructose at a nano-structured Ni(II) coordination polymer multiwall carbon nanotube. <i>Journal of the Iranian Chemical Society</i> , <b>2014</b> , 42, 563-574	2	4
47	Isolation and Crystallographic Characterization of Tm <sub>3</sub> N@D <sub>2</sub> (35)-C <sub>88</sub> . <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2014</b> , 22, 280-288	1.8	4
46	Unusual C <sub>3v</sub> -Symmetric trans-1-(Bis-pyrrolidine)-tetra-malonate Hexa-Adducts of C <sub>60</sub> : The Unexpected Regio- and Stereocontrol Mediated by Malonate-Pyrrolidine Interaction. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15937-15944	4.8	4
45	A Most Unusual Zeolite Templating: Cage to Cage Connection of One Guest Molecule. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 8899-8904	3.8	4
44	Crystal Packing in Planar Platinum(II) and Palladium(II) Complexes. Hydrogen-Bond-Mediated Supramolecular Assembly of Ten Wedge-Shaped Molecules into a Cyclic Array. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 1786-1792	3.5	4
43	Hydroxonium hydrate tris(2,4,6-triamino-1,3,5-triazin-1-ium) bis[bis(pyridine-2,6-dicarboxylato)manganate(II/III)] hydroxide pyridine-2,6-dicarboxylic acid solvate pentahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2008</b> , 64, m372-4		4
42	Thermally Induced Stoichiometric and Catalytic O-Atom Transfer by a Non-Heme Iron(III) Nitro Complex: First Example of Reversible {Fe(III)NO} → {Fe(III)-NO <sub>2</sub> } Transformation in the Presence of Dioxygen. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 4655-4659	3.6	4

41	Aluminum-Mediated 1,2-Alkyl Migration Resulting from Hydrocyanation of an Epoxy Ketone. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 5259-5261	4.2	4
40	Fullerene nanostructures: how the oblong shape of C forms a cocrystal with an enormous asymmetric unit and related cocrystals. <i>Nanoscale</i> , <b>2020</b> , 12, 20356-20363	7.7	4
39	Seeing luminescence appear as crystals crumble. Isolation and subsequent self-association of individual [(CHNC)Au] ions in crystals. <i>Chemical Science</i> , <b>2020</b> , 11, 11705-11713	9.4	4
38	A non-luminescent polymorph of [(cyclohexyl isocyanide)Au]PF that becomes luminescent upon grinding or exposure to dichloromethane vapor. <i>Chemical Communications</i> , <b>2021</b> , 57, 793-796	5.8	4
37	Isolation and Structural Characterization of the Endohedral Fullerene Sc <sub>3</sub> N@C <sub>78</sub> <b>2001</b> , 40, 1223		4
36	Acyclic Stereocontrol in the Additions of Nucleophilic Alkenes to Chiral N-Sulfonyl Imines. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 12214-12220	4.8	3
35	Structures of CoII and ZnII complexes of the proton-transfer compound derived from pyrazine-2,3-dicarboxylic acid and piperazine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 539-44	0.8	3
34	Copper coordinated ligand thioether-S and NO <sub>2</sub> (-) oxidation: relevance to the CuM site of hydroxylases. <i>Dalton Transactions</i> , <b>2015</b> , 44, 17587-99	4.3	3
33	Crystallization of chloroindium(III)octaethylporphyrin into a clamshell motif to engulf guest molecules. <i>CrystEngComm</i> , <b>2010</b> , 12, 866-871	3.3	3
32	A CONCISE SYNTHESIS OF CHIRAL 3-HYDROXYMETHYL-5-ISOPROPYL MORPHOLINES FROM VALINOL. <i>Organic Preparations and Procedures International</i> , <b>2002</b> , 34, 521-524	1.1	3
31	Competitive intramolecular nucleophilic aromatic substitution: a new route to coumarins. <i>Chemical Communications</i> , <b>2001</b> , 639-640	5.8	3
30	Solvent and Solvate Effects on the Cocrystallization of C <sub>60</sub> with CoII(OEP) or ZnII(OEP) (OEP = Octaethylporphyrin). <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 5596-5609	3.5	3
29	Reluctant cocrystal growth of fullerenes with nickel dithiolene complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 473, 1-8	2.7	3
28	Interrelationships between the tetrahedral and planar polymorphs of bis(3-ethylamino-1-phenyl-but-2-en-1-ono)nickel(II) and structural comparisons with related CoII, NiII, CuII, and ZnII complexes. <i>CrystEngComm</i> , <b>2017</b> , 19, 3244-3253	3.3	2
27	Synthesis, Spectroscopic, Crystal Structures, and Potentiometric Studies of a Proton Transfer Compound of Acridine with Pyridine-2,6-dicarboxylic Acid and a Novel Palladium(II) Complex with Coordination of Acridine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2015</b> , 45, 104-111		2
26	Regioselective Cage Opening of La <sub>2</sub> @D <sub>2</sub> (10611)-C <sub>72</sub> with 5,6-Diphenyl-3-(2-pyridyl)-1,2,4-triazine. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2260-2263	3.6	2
25	Versatile Coordination Modes of 2-(Diformylmethylene)-3,3-dimethylindole towards Late-Transition-Metal Ions: C-H Bond Activation and Formation of Cyclic Acyl Palladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 2394-2404	2.3	2
24	Synthese und Charakterisierung von Bischlorinen [McMurry-Reaktion von Formylchlorinen. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 1085-1087	3.6	2



23	Bis(ethiolato)-dicopper Containing Fully Spin Delocalized Mixed Valence Copper-Sulfur Clusters and Their Electronic Structural Properties with Relevance to the Cu Site. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5779-5790	5.1	2
22	Piperazine-functionalized C and diiodine or iodine monochloride as components in forming supramolecular assemblies. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3710-3715	4.3	1
21	Crystal Growth and Crystal Transformation <b>2019</b> ,		1
20	The directional character of the piperazine double addition product, e{N(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> N} <sub>2</sub> C <sub>60</sub> , as a building block for forming crystalline fullerene polymers. <i>CrystEngComm</i> , <b>2018</b> , 20, 924-929	3.3	1
19	Polycyclic Aromatic Heterocycles with a Benzo[c][1,2]azaborinine Core. <i>Journal of Heterocyclic Chemistry</i> , <b>2019</b> , 56, 2960-2965	1.9	1
18	Computational studies of a paramagnetic planar dibenzotetraaza[14]annulene Ni(II) complex. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 5189-96	2.8	1
17	Statistically disordered short hydrogen bonds in (pipzH <sub>2</sub> )(cdoH) <sub>2</sub> and a comparison with (pipzH <sub>2</sub> )(cdo)H <sub>2</sub> O (pipz is piperazine and cdoH <sub>2</sub> is chelidonic acid). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2011</b> , 67, o134-8		1
16	Di-μ-bis-[(1,4,8,11-tetra-aza-cyclo-tetra-decane-N,N,N,N,N,N,N,N)-dimangan-ese(III,IV)] bis-(tetra-phenyl-borate) chloride acetonitrile disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m824-5		1
15	Poly[[tri-μ-cyanido-cyanido(1,4,10,13-tetra-oxa-7,16-diaza-cyclo-octa-deca-ne)barium(II)platinum(II)] hemihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, m408-9		1
14	Three chiral vinylidioxazaborocanes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2006</b> , 62, o333-5		1
13	Acetamidoxime. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2003</b> , 59, o719-20		1
12	Bond length of perchlorate at different temperatures: X-ray and neutron comparison. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2020</b> , 76, 159-163	0.8	1
11	Crystal structure determination as part of an undergraduate laboratory experiment: 1,1,1-trimethyl-spiro-[chromene-2,2'-indoline] and 1,1,1-trimethyl-4-[(1,3,3-trimethyl-indolin-2-yl-idene)methyl]spiro-[chroman-2,2'-indoline]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 1659-1662	0.7	1
10	Formation of a Curved Silver Nitrate Network That Conforms to the Shape of C <sub>60</sub> and Encapsulates the Fullerene Structural Characterization of C <sub>60</sub> {Ag(NO <sub>3</sub> ) <sub>5</sub> } <b>1999</b> , 38, 231		1
9	Preparation and Crystallographic Characterization of a New Endohedral, Lu <sub>3</sub> N@C <sub>80</sub> ? <sub>5</sub> (o-xylene), and Comparison with Sc <sub>3</sub> N@C <sub>80</sub> ? <sub>5</sub> (o-xylene) <b>2002</b> , 8, 4528		1
8	Durch Metallionen gepragte Polymere: Synthese und Strukturen von N-(4-Vinylbenzyl)-1,4,7-triazacyclononan-Zink(II)-Komplexen, deren Copolymerisation mit Divinylbenzol und Metallionenselektivitsstudien mit den entmetallierten Harzen [Belege ff] eine Sandwichkomplexierung in der Polymermatrix. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 624-627	3.6	0
7	An ordering phase transition, short hydrogen bonds and high ZMn the structure of Ni(Hpydc)BHO. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2017</b> , 73, 413-418	1.8	
6	Nickel(II)-Mediated Reversible Thiolate/Disulfide Conversion as a Mimic for a Key Step of the Catalytic Cycle of Methyl-Coenzyme M Reductase. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 9262-9270	3.6	

- 5 A temperature-dependent phase transformation of  
()2-[(4-chloro-phen-yl)imino]-ace-naphthylen-1-one. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1255-1258 0.7
- 4 Titelbild: Isolation and Structural Proof of the Large Diamond Molecule, Cyclohexamantane (C<sub>26</sub>H<sub>30</sub>) (*Angew. Chem.* 18/2003). *Angewandte Chemie*, **2003**, 115, 2029-2029 3.6
- 3 Cover Picture: Isolation and Structural Proof of the Large Diamond Molecule, Cyclohexamantane (C<sub>26</sub>H<sub>30</sub>) (*Angew. Chem. Int. Ed.* 18/2003). *Angewandte Chemie - International Edition*, **2003**, 42, 1983-1983 16.4
- 2 Cleavage of Carbon Disulfide by n-Propyldiphenylphosphine and Nickel(II) Bromide. *Chemistry - A European Journal*, **2019**, 25, 2491-2496 4.8
- 1 Introduction of a (PhP)Pt group into the rim of an open-cage fullerene by breaking a carbon-carbon bond. *Chemical Communications*, **2021**, 57, 10218-10221 5.8