

Marilyn M Olmstead

List of Publications by Year in Descending Order

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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	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> , 2021 , 60, 5779-5790	5.1	2
291	A non-luminescent polymorph of [(cyclohexyl isocyanide)Au]PF that becomes luminescent upon grinding or exposure to dichloromethane vapor. <i>Chemical Communications</i> , 2021 , 57, 793-796	5.8	4
290	Introduction of a (PhP)Pt group into the rim of an open-cage fullerene by breaking a carbon-carbon bond. <i>Chemical Communications</i> , 2021 , 57, 10218-10221	5.8	
289	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> , 2020 , 59, 9177-9185	16.4	6
288	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> , 2020 , 132, 9262-9270	3.6	
287	Unsymmetrical Coordination of Bipyridine in Three-Coordinate Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 4109-4117	5.1	6
286	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> , 2020 , 142, 5689-5701	16.4	19
285	Bond length of perchlorate at different temperatures: X-ray and neutron comparison. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 159-163	0.8	1
284	Solvent and Solvate Effects on the Cocrystallization of C60 with CoII(OEP) or ZnII(OEP) (OEP = Octaethylporphyrin). <i>Crystal Growth and Design</i> , 2020 , 20, 5596-5609	3.5	3
283	Fullerene nanostructures: how the oblong shape of C forms a cocrystal with an enormous asymmetric unit and related cocrystals. <i>Nanoscale</i> , 2020 , 12, 20356-20363	7.7	4
282	Seeing luminescence appear as crystals crumble. Isolation and subsequent self-association of individual [(CHNC)Au] ions in crystals. <i>Chemical Science</i> , 2020 , 11, 11705-11713	9.4	4
281	Metal Ion Effects on Fullerene/Porphyrin Cocrystallization. <i>Crystal Growth and Design</i> , 2019 , 19, 6743-6751	3.5	8
280	Acyclic Stereocontrol in the Additions of Nucleophilic Alkenes to Chiral N-Sulfonyl Imines. <i>Chemistry - A European Journal</i> , 2019 , 25, 12214-12220	4.8	3
279	Crystal Growth and Crystal Transformation 2019 ,		1
278	Pyrochlore-structured Y2Ti2O7/TiO2 composite thin films for photovoltaic applications. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 921-932	1.5	10
277	Polycyclic Aromatic Heterocycles with a Benzo[c][1,2]azaborinine Core. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 2960-2965	1.9	1
276	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> , 2019 , 25, 12545-12551	4.8	9

275	Four-Fold Alkyne Benzannulation: Synthesis, Properties, and Structure of Pyreno[π]pyrene-Based Helicene Hybrids. <i>Organic Letters</i> , 2019 , 21, 8652-8656	6.2	17
274	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> , 2019 , 25, 3849-3857	4.8	6
273	Cleavage of Carbon Disulfide by n-Propyldiphenylphosphine and Nickel(II) Bromide. <i>Chemistry - A European Journal</i> , 2019 , 25, 2491-2496	4.8	
272	Vapoluminescent Behavior and the Single-Crystal-to-Single-Crystal Transformations of Chloroform Solvates of [Au (II), 2-bis(diphenylarsino)ethane] (AsF ₆). <i>Chemistry - A European Journal</i> , 2019 , 25, 874-878	4.8	13
271	The directional character of the piperazine double addition product, e{N(CH ₂ CH ₂) ₂ N} ₂ C ₆₀ , as a building block for forming crystalline fullerene polymers. <i>CrystEngComm</i> , 2018 , 20, 924-929	3.3	1
270	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> , 2018 , 57, 1550-1561	5.1	8
269	Utilization of a Nonemissive Triphosphine Ligand to Construct a Luminescent Gold(I)-Box That Undergoes Mechanochromic Collapse into a Helical Complex. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7533-7542	16.4	36
268	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> , 2018 , 24, 13479-13484	4.8	10
267	Reluctant cocrystal growth of fullerenes with nickel dithiolene complexes. <i>Inorganica Chimica Acta</i> , 2018 , 473, 1-8	2.7	3
266	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> , 2018 , 122, 9626-9636	2.8	13
265	Model Complexes for the Ni Site of Acetyl Coenzyme A Synthase/Carbon Monoxide (CO) Dehydrogenase: Structure, Electrochemistry, and CO Reactivity. <i>Inorganic Chemistry</i> , 2018 , 57, 13713-13727	5.1	7
264	New Angular Polycyclic Aromatic Boron Heterocycle Ring Systems. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 749-752	1.9	5
263	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> , 2017 , 23, 6552-6561	4.8	13
262	Piperazine-functionalized C and diiodine or iodine monochloride as components in forming supramolecular assemblies. <i>Dalton Transactions</i> , 2017 , 46, 3710-3715	4.3	1
261	Dynamic Behavior and Isomerization Equilibria of Distannenes Synthesized by Tin Hydride/Olefin Insertions: Characterization of the Elusive Monohydrido Bridged Isomer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6586-6595	16.4	23
260	Tin(II) Hydrides as Intermediates in Rearrangements of Tin(II) Alkyl Derivatives. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6596-6604	16.4	22
259	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 Coll, NiII, CuII, and ZnII complexes. <i>CrystEngComm</i> , 2017 , 19, 3244-3253	3.3	2
258	Mixed valence copper-sulfur clusters of highest nuclearity: a Cu wheel - and a Cu nanoball. <i>Chemical Communications</i> , 2017 , 53, 3334-3337	5.8	9

- 257 An ordering phase transition, short hydrogen bonds and high Z_{Mn} the structure of Ni(Hpydc)BHO. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, **2017**, 73, 413-418 1.8
- 256 Metal ion size and the pyramidalization of trimetallic nitride units inside a fullerene cage: Comparisons of the crystal structures of M₃N@Ih-C80 (M = Gd, Tb, Dy, Ho, Er, Tm, Lu, and Sc) and some mixed metal counterparts. *Inorganica Chimica Acta*, **2017**, 468, 321-326 2.7 18
- 255 The design of synthetic superoxide dismutase mimetics: seven-coordinate water soluble manganese(ii) and iron(ii) complexes and their superoxide dismutase-like activity studies. *Dalton Transactions*, **2017**, 46, 14186-14191 4.3 15
- 254 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
- 253 Unusual C-Symmetric trans-1-(Bis-pyrrolidine)-tetra-malonate Hexa-Adducts of C: The Unexpected Regio- and Stereocontrol Mediated by Malonate-Pyrrolidine Interaction. *Chemistry - A European Journal*, **2017**, 23, 15937-15944 4.8 4
- 252 Insertion of a Transient Tin Nitride into Carbon-Carbon and Boron-Carbon Bonds. *Inorganic Chemistry*, **2017**, 56, 14596-14604 5.1 5
- 251 Reactivity differences of Sc₃N@C(2n) (2n = 68 and 80). Synthesis of the first methanofullerene derivatives of Sc₃N@D(5h)-C80. *Chemical Communications*, **2016**, 52, 64-7 5.8 25
- 250 Silver(I)-Mediated Modification, Dimerization, and Polymerization of an Open-Cage Fullerene. *Journal of the American Chemical Society*, **2016**, 138, 16459-16465 16.4 11
- 249 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). *Chemistry - A European Journal*, **2016**, 22, 18115-18122 4.8 19
- 248 Piperazine Functionalization of C for Incorporation into Supramolecular Assemblies. *Chemistry - A European Journal*, **2016**, 22, 18908-18915 4.8 6
- 247 Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell La₂@Ih-C80 Derivative. *Angewandte Chemie*, **2016**, 128, 4314-4318 3.6 5
- 246 Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell La₂@Ih-C80 Derivative. *Angewandte Chemie - International Edition*, **2016**, 55, 4242-6 16.4 42
- 245 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. *Journal of the Iranian Chemical Society*, **2016**, 13, 563-574 2 4
- 244 Crystal Engineering Gone Awry. What a Difference a Few Methyl Groups Make in Fullerene/Porphyrin Cococrystallization. *Crystal Growth and Design*, **2016**, 16, 447-455 3.5 11
- 243 Isolation and Crystallographic Characterization of Gd₃N@D₂(35)-C88 through Non-Chromatographic Methods. *Inorganic Chemistry*, **2016**, 55, 62-7 5.1 17
- 242 Steric effects and aurophilic interactions in crystals of Au₂(Et₂-bis(diphenylphosphino)ethane)X₂ and Au₂(Et₂-bis(dicyclohexylphosphino)ethane)X₂ (X = Cl, Br, I). *Polyhedron*, **2016**, 117, 535-541 2.7 8
- 241 [U(bipy)]₂: A Mistaken Case of U^{IV}? *Chemistry - A European Journal*, **2016**, 22, 1931-1936 4.8 18
- 240 Crystal structure determination as part of an undergraduate laboratory experiment: 1,1'-bis(methyl-spiro-[chromene-2,2'-indoline]) and 1,1'-bis(methyl-4-[(1,3,3-trimethyl-indolin-2-yl-idene)methyl]-spiro-[chroman-2,2'-indoline]). *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1659-1662 0.7 1

239	Regioselective Synthesis and Crystallographic Characterization of Isoxazoline-Ring-Fused Derivatives of Sc ₃ N@Ih-C ₈₀ and C ₆₀ . <i>Inorganic Chemistry</i> , 2016 , 55, 4075-7	5.1	8
238	Tethered bis-pyrrolidine additions to C ₇₀ : Some unexpected and new regioisomers. <i>Carbon</i> , 2016 , 105, 394-400	10.4	8
237	Zigzag ScC Carbide Cluster inside a [88]Fullerene Cage with One Heptagon, ScC@C(hept)-C: A Kinetically Trapped Fullerene Formed by C Insertion?. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13030-13037	16.4	70
236	Catalytic dehydrocoupling of amines and boranes by an incipient tin(ii) hydride. <i>Chemical Communications</i> , 2016 , 52, 13656-13659	5.8	23
235	Coinage Metal Pyrazolates [(3,5-(CF ₃) ₂ Pz)M] ₃ (M = Au, Ag, Cu) as Buckycatchers. <i>Inorganic Chemistry</i> , 2016 , 55, 8277-80	5.1	32
234	Synthesis and Isolation of the Titanium-Scandium Endohedral Fullerenes-Sc ₂ TiC@Ih -C ₈₀ , Sc ₂ TiC@D _{5h} -C ₈₀ and Sc ₂ TiC ₂ @Ih -C ₈₀ : Metal Size Tuning of the Ti(IV) /Ti(III) Redox Potentials. <i>Chemistry - A European Journal</i> , 2016 , 22, 13098-107	4.8	39
233	Beyond the Butterfly: Sc ₂ C ₂ @C(2v)(9)-C ₈₆ , an Endohedral Fullerene Containing a Planar, Twisted Sc ₂ C ₂ Unit with Remarkable Crystalline Order in an Unprecedented Carbon Cage. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10116-9	16.4	52
232	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> , 2015 , 71, 539-44	0.8	3
231	Waves of Halogen-Halogen Bond Formation in the Cocrystallization of Hexabromobenzene and 1,2,4,5-Tetrabromobenzene with C ₇₀ . <i>Crystal Growth and Design</i> , 2015 , 15, 2480-2485	3.5	9
230	Formation of a Stable Complex, RuCl ₂ (S ₂ CPPH ₃)(PPh ₃) ₂ , Containing an Unstable Zwitterion from the Reaction of RuCl ₂ (PPh ₃) ₃ with Carbon Disulfide. <i>Inorganic Chemistry</i> , 2015 , 54, 4565-73	5.1	11
229	Synthesis and characterization of a trans-1 hexakis-fullerene linker that forms crystalline polymers with silver salts. <i>Dalton Transactions</i> , 2015 , 44, 18487-91	4.3	6
228	Reactivity comparison of five- and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. <i>RSC Advances</i> , 2015 , 5, 85111-85121	3.7	22
227	Copper coordinated ligand thioether-S and NO ₂ (-) oxidation: relevance to the CuM site of hydroxylases. <i>Dalton Transactions</i> , 2015 , 44, 17587-99	4.3	3
226	Regioselective cage opening of La ₂ @D ₂ (10611)-C ₇₂ with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2232-5	16.4	9
225	New Insights into the Structural Complexity of C ₆₀ @S ₈ : Two Crystal Morphologies, Two Phase Changes, Four Polymorphs. <i>Crystal Growth and Design</i> , 2015 , 15, 404-410	3.5	10
224	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> , 2015 , 45, 104-111		2
223	2-Aminoethanol Extraction as a Method for Purifying Sc ₃ N@C ₈₀ and for Differentiating Classes of Endohedral Fullerenes on the Basis of Reactivity. <i>Chemistry - A European Journal</i> , 2015 , 21, 17035-43	4.8	17
222	Regioselective Cage Opening of La ₂ @D ₂ (10611)-C ₇₂ with 5,6-Diphenyl-3-(2-pyridyl)-1,2,4-triazine. <i>Angewandte Chemie</i> , 2015 , 127, 2260-2263	3.6	2

221	Preparation, Structural Determination, and Characterization of Electronic Properties of Bis-silylated and Bis-germylated Lu ₃ N@Ih-C ₈₀ . <i>Chemistry - A European Journal</i> , 2015 , 21, 16411-20	4.8	10
220	The Instability of Ni{N(SiMe ₃) ₂ } ₂ : A Fifty Year Old Transition Metal Silylamide Mystery. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12914-7	16.4	27
219	The Instability of Ni{N(SiMe ₃) ₂ } ₂ : A Fifty Year Old Transition Metal Silylamide Mystery. <i>Angewandte Chemie</i> , 2015 , 127, 13106-13109	3.6	5
218	Isolation of CeLu ₂ N@Ih-C ₈₀ through a Non-Chromatographic, Two-Step Chemical Process and Crystallographic Characterization of the Pyramidalized CeLu ₂ N within the Icosahedral Cage. <i>Chemistry - A European Journal</i> , 2015 , 21, 10362-8	4.8	19
217	Synthesis and Structure of LaSc ₂ N@Cs(hept)-C ₈₀ with One Heptagon and Thirteen Pentagons. <i>Angewandte Chemie</i> , 2015 , 127, 505-509	3.6	21
216	Tethered bisadducts of C ₆₀ and C ₇₀ with addends on a common hexagonal face and a 12-membered hole in the fullerene cage. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7502-8	16.4	46
215	A zwitterion produced by a strong intramolecular N-H interaction in 1-hydroxy-2-(pyridin-2-ylcarbonyl)benzo[d][1,2,3]diazaborinine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 1085-8	0.8	6
214	Computational studies of a paramagnetic planar dibenzotetraaza[14]annulene Ni(II) complex. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 5189-96	2.8	1
213	Synthesis and structure of LaSc ₂ N@C(s)(hept)-C ₈₀ with one heptagon and thirteen pentagons. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 495-9	16.4	25
212	Gadolinium-containing endohedral fullerenes: structures and function as magnetic resonance imaging (MRI) agents. <i>Dalton Transactions</i> , 2014 , 43, 7346-58	4.3	69
211	Sc ₂ @C ₆₆ revisited: an endohedral fullerene with scandium ions nestled within two unsaturated linear triquinanes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7611-4	16.4	65
210	Isolation and Crystallographic Characterization of Tm ₃ N@D ₂ (35)-C ₈₈ . <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 280-288	1.8	4
209	Synthesis, characterization, and antibacterial activity of structurally complex 2-acylated 2,3,1-benzodiazaborines and related compounds. <i>Chemistry and Biodiversity</i> , 2014 , 11, 1381-97	2.5	31
208	Zippering up fullerenes into polymers using rhodium(II) acetate dimer and N(CH ₂ CH ₂) ₂ NC ₆₀ as building blocks. <i>Chemical Communications</i> , 2014 , 50, 15152-5	5.8	11
207	Incorporation of the Similarly Sized Molecules, Diiodine and Carbon Disulfide, into Cocrystals Formed with the Fullerenes, C ₆₀ or C ₇₀ . <i>Crystal Growth and Design</i> , 2014 , 14, 5131-5136	3.5	6
206	Isolation and characterization of [5,6]-pyrrolidino-ScN@I(h)-C ₈₁ diastereomers. <i>Chemical Communications</i> , 2014 , 50, 12552-5	5.8	15
205	Cocrystallization of C ₆₀ or C ₇₀ 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> , 2014 , 14, 4005-4010	3.5	9
204	Bioorganometallic Chemistry. 27. Synthetic, X-ray Crystallographic, and Competitive Binding Studies in the Reactions of Nucleobases, Nucleosides, and Nucleotides with [Cp*Rh(H ₂ O) ₃](OTf) ₂ , as a Function of pH, and the Utilization of Several Cp*RhDNA Base Complexes in Host-Guest Chemistry. <i>Organometallics</i> , 2014 , 33, 2388-2404	3.8	23

203	Hexacoordinate nickel(II)/(III) complexes that mimic the catalytic cycle of nickel superoxide dismutase. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10184-9	16.4	23
202	High-yield, regiospecific bis-functionalization of C ₇₀ using a Diels-Alder reaction in molten anthracene. <i>Chemical Communications</i> , 2014 , 50, 10584-7	5.8	37
201	A Tetradentate β -Diiminato Ligand Containing Phenolate Substituents: Flexivalent Coordination to Mn(III), Co(III), Ni(II), and Cu(I). <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5752-5759	2.3	5
200	Regioselective benzyl radical addition to an open-shell cluster metallofullerene. Crystallographic studies of cocrystallized Sc ₃ C ₂ @Ih-C ₈₀ and its singly bonded derivative. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10534-40	16.4	34
199	New positive Ca ²⁺ -activated K ⁺ channel gating modulators with selectivity for KCa3.1. <i>Molecular Pharmacology</i> , 2014 , 86, 342-57	4.3	39
198	A missing link in the transformation from asymmetric to symmetric metallofullerene cages implies a top-down fullerene formation mechanism. <i>Nature Chemistry</i> , 2013 , 5, 880-5	17.6	107
197	[5,6]-Open methanofullerene derivatives of I(h)-C ₈₀ . <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11826-30	16.4	22
196	Inorganic topochemistry. Vapor-induced solid state transformations of luminescent, three-coordinate gold(I) complexes. <i>Chemical Science</i> , 2013 , 4, 311-318	9.4	76
195	Crystallographic and computational studies of luminescent, binuclear gold(I) complexes, Au(I) ₂ (Ph ₂ P(CH ₂) _n PPh ₂) ₂ I ₂ (n = 3-6). <i>Inorganic Chemistry</i> , 2013 , 52, 823-31	5.1	17
194	High yield synthesis of a new fullerene linker and its use in the formation of a linear coordination polymer by silver complexation. <i>Chemical Communications</i> , 2013 , 49, 3209-11	5.8	33
193	A single crystal X-ray diffraction study of a fully ordered cocrystal of pristine Sc ₃ N@D ₃ h(5)C ₇₈ . <i>Polyhedron</i> , 2013 , 58, 129-133	2.7	7
192	Reshaping molecules through cocrystallization. Comparison of the structures of Hg{Co(CO) ₄ } ₂ and Hg{Co(CO) ₄ } ₂ @C ₆₀ in toluene. <i>Chemical Communications</i> , 2013 , 49, 5921-3	5.8	5
191	Copper complexes relevant to the catalytic cycle of copper nitrite reductase: electrochemical detection of NO(g) evolution and flipping of NO ₂ binding mode upon Cu(II) to Cu(I) reduction. <i>Inorganic Chemistry</i> , 2013 , 52, 11084-95	5.1	25
190	Ordered Structures from Crystalline Carbon Disulfide Solvates of the Nano-Tubular Fullerenes D ₅ h(1)-C ₉₀ and D ₅ h-C ₇₀ . <i>Crystal Growth and Design</i> , 2013 , 13, 4591-4598	3.5	19
189	Oriental variation, solvate composition and molecular flexibility in well-ordered cocrystals of the fullerene C ₇₀ with bis(ethylenedithio)tetrathiafulvalene. <i>Chemical Communications</i> , 2013 , 49, 10721-3	5.8	12
188	Isolation and crystallographic characterization of Sm@C ₂ v(3)-C ₈₀ through cocrystal formation with Ni(II)(octaethylporphyrin) or bis(ethylenedithio)tetrathiafulvalene. <i>Inorganic Chemistry</i> , 2013 , 52, 1275-84	5.1	18
187	[5,6]-Open Methanofullerene Derivatives of I _h -C ₈₀ . <i>Angewandte Chemie</i> , 2013 , 125, 12042-12046	3.6	11
186	Isolation of four isomers of C ₉₆ and crystallographic characterization of nanotubular D ₃ d(3)-C ₉₆ and the somewhat flat-sided sphere C ₂ (181)-C ₉₆ . <i>Chemistry - A European Journal</i> , 2012 , 18, 2792-6	4.8	47

185	Selective synthesis, isolation, and crystallographic characterization of LaSc ₂ N@I(h)-C ₈₀ . <i>Inorganic Chemistry</i> , 2012 , 51, 13096-102	5.1	41
184	Molecular nesting in co-crystals of tetrabenzoquadrannulene and C ₆₀ : application of the sphere in a cone model. <i>Chemical Communications</i> , 2012 , 48, 9882-4	5.8	22
183	Crystallization and interconversions of vapor-sensitive, luminescent polymorphs of [(C ₆ H ₁₁ NC) ₂ Au(I)](AsF ₆) and [(C ₆ H ₁₁ NC) ₂ Au(I)](PF ₆). <i>Journal of the American Chemical Society</i> , 2012 , 134, 10885-93	16.4	84
182	Shuttling of nickel oxidation states in N ₄ S ₂ coordination geometry versus donor strength of tridentate N ₂ S donor ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 7625-35	5.1	30
181	Azide addition to an endohedral metallofullerene: formation of azafulleroids of Sc ₃ N@I(h)-C ₈₀ . <i>Journal of the American Chemical Society</i> , 2012 , 134, 11956-9	16.4	32
180	Isolation of three isomers of Sm@C ₈₄ and X-ray crystallographic characterization of Sm@D(3d)(19)-C ₈₄ and Sm@C ₂ (13)-C ₈₄ . <i>Journal of the American Chemical Society</i> , 2012 , 134, 5331-8	16.4	45
179	Single samarium atoms in large fullerene cages. Characterization of two isomers of Sm@C ₉₂ and four isomers of Sm@C ₉₄ with the X-ray crystallographic identification of Sm@C ₁ (42)-C ₉₂ , Sm@C(s)(24)-C ₉₂ , and Sm@C _{3v} (134)-C ₉₄ . <i>Journal of the American Chemical Society</i> , 2012 , 134, 10933-41	16.4	41
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