

Marilyn M Olmstead

List of Publications by Year in descending order

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288
papers

14,549
citations

15880

67
h-index

30277

107
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all docs

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docs citations

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times ranked

7866
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivity of Nitric Oxide and Nitrosonium Ion with Copper(II/I) Schiff Base Complexes: Mechanistic Aspects of Imine C=N Bond Cleavage and Oxidation of Pyridine-2-aldehyde to Pyridine-2-carboxylic Acid. <i>Inorganic Chemistry</i> , 2022, 61, 6421-6437.	1.9	3
2	A non-luminescent polymorph of [(cyclohexyl isocyanide) ₂ Au]PF ₆ that becomes luminescent upon grinding or exposure to dichloromethane vapor. <i>Chemical Communications</i> , 2021, 57, 793-796.	2.2	6
3	Bis(1/4-thiolato)-dicopper Containing Fully Spin Delocalized Mixed Valence Copper Sulfur Clusters and Their Electronic Structural Properties with Relevance to the Cu _A Site. <i>Inorganic Chemistry</i> , 2021, 60, 5779-5790.	1.9	2
4	Introduction of a (Ph ₃ P) ₂ Pt group into the rim of an open-cage fullerene by breaking a carbon-carbon bond. <i>Chemical Communications</i> , 2021, 57, 10218-10221.	2.2	3
5	Solvent and Solvate Effects on the Cocrystallization of C ₆₀ with Coll(OEP) or ZnII(OEP) (OEP =) Tj ETQq1 1 0.784314 rgBT /Qverlock 1.4	1.4	4
6	Fullerene nanostructures: how the oblong shape of C ₇₀ forms a cocrystal with an enormous asymmetric unit and related cocrystals. <i>Nanoscale</i> , 2020, 12, 20356-20363.	2.8	7
7	Seeing luminescence appear as crystals crumble. Isolation and subsequent self-association of individual [(C ₆ H ₁₁ NC) ₂ Au] ⁺ ions in crystals. <i>Chemical Science</i> , 2020, 11, 11705-11713.	3.7	7
8	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.	7.2	7
9	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.	1.6	0
10	Unsymmetrical Coordination of Bipyridine in Three-Coordinate Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 4109-4117.	1.9	10
11	Role of Anions and Mixtures of Anions on the Thermochromism, Vapochromism, and Polymorph Formation of Luminescent Crystals of a Single Cation, [(C ₆ H ₁₁ NC) ₂ Au] ⁺ . <i>Journal of the American Chemical Society</i> , 2020, 142, 5689-5701.	6.6	32
12	Bond length of perchlorate at different temperatures: X-ray and neutron comparison. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 159-163.	0.2	1
13	(Invited) Structural Studies of Fullerenes: Why IPR Obeying Sc ₃ N@D _{3h} -C ₇₈ is a Remarkable Molecule. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 773-773.	0.0	0
14	Polycyclic Aromatic Heterocycles with a Benzo[<i>c</i>][1,2]azaborinine Core. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2960-2965.	1.4	3
15	Isolation and Crystallographic Characterization of Two, Nonisolated Pentagon Endohedral Fullerenes: Ho ₃ N@C ₂ (22010)@C ₇₈ and Tb ₃ N@C ₂ (22010)@C ₇₈ . <i>Chemistry - A European Journal</i> , 2019, 25, 12545-12551.	1.7	13
16	Four-Fold Alkyne Benzannulation: Synthesis, Properties, and Structure of Pyreno[<i>a</i>]pyrene-Based Helicene Hybrids. <i>Organic Letters</i> , 2019, 21, 8652-8656.	2.4	32
17	Metal Ion Effects on Fullerene/Porphyrin Cocrystallization. <i>Crystal Growth and Design</i> , 2019, 19, 6743-6751.	1.4	10
18	Acyclic Stereocontrol in the Additions of Nucleophilic Alkenes to Chiral N-Sulfonyl Imines. <i>Chemistry - A European Journal</i> , 2019, 25, 12214-12220.	1.7	5

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19	Crystal Growth and Crystal Transformation. , 2019, , .		1
20	Frontispiece: Cleavage of Carbon Disulfide by η^5 -Propyldiphenylphosphine and Nickel(II) Bromide. Chemistry - A European Journal, 2019, 25, .	1.7	0
21	Pyrochlore-structured $\text{Y}_2\text{Ti}_2\text{O}_7$ - TiO_2 composite thin films for photovoltaic applications. Journal of the Australian Ceramic Society, 2019, 55, 921-932.	1.1	17
22	The Preparation of Luminescent, Mechanochromic Molecular Containers from Non-emissive Components: The Box Cations, $[\text{Au}_6(\text{Triphos})_4\text{Br}]^{5+}$ and $[\text{Au}_6(\text{Triphos})_4\text{Br}_2]^{4+}$. Chemistry - A European Journal, 2019, 25, 3849-3857.	1.7	8
23	Cleavage of Carbon Disulfide by η^5 -Propyldiphenylphosphine and Nickel(II) Bromide. Chemistry - A European Journal, 2019, 25, 2491-2496.	1.7	0
24	Vapoluminescent Behavior and the Single-Crystal-to-Single-Crystal Transformations of Chloroform Solvates of $[\text{Au}_2(\text{1,2-bis(diphenylarsino)ethane})_2](\text{AsF}_6)_2$. Chemistry - A European Journal, 2019, 25, 874-878.	1.7	18
25	(Invited) What Determines the Composition of Fullerene Porphyrin Cocrystals?. ECS Meeting Abstracts, 2019, , .	0.0	0
26	(Invited) Are There Still New Structural Elements in Fullerenes That Cause Violations of the IPR?. ECS Meeting Abstracts, 2019, , .	0.0	0
27	The directional character of the piperazine double addition product, $e\{\text{N}(\text{CH}_2\text{CH}_2)_2\text{N}\}_2\text{C}_{60}$, as a building block for forming crystalline fullerene polymers. CrystEngComm, 2018, 20, 924-929.	1.3	3
28	A Copper(II) Nitrite That Exhibits Change of Nitrite Binding Mode and Formation of Copper(II) Nitrosyl Prior to Nitric Oxide Evolution. Inorganic Chemistry, 2018, 57, 1550-1561.	1.9	19
29	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.	6.6	43
30	Reluctant cocrystal growth of fullerenes with nickel dithiolene complexes. Inorganica Chimica Acta, 2018, 473, 1-8.	1.2	3
31	Single-Crystal X-ray Diffraction Studies of Solvated Crystals of C_{60} Reveal the Intermolecular Interactions between the Component Molecules. Journal of Physical Chemistry A, 2018, 122, 9626-9636.	1.1	14
32	Model Complexes for the Ni^{II} Site of Acetyl Coenzyme A Synthase/Carbon Monoxide (CO) Dehydrogenase: Structure, Electrochemistry, and CO Reactivity. Inorganic Chemistry, 2018, 57, 13713-13727.	1.9	9
33	Identifying a Needle in a Haystack: Isolation and Structural Characterization of Er_2C_{94} as the Carbide $\text{Er}_2\text{C}_2 @ \text{D}_3(85)$ - $\text{Er}_2\text{C}_2 @ \text{D}_3(92)$. Chemistry - A European Journal, 2018, 24, 13479-13484.	1.7	11
34	(Invited) Structural Studies of Fullerene Cages and Cage Disorder in Crystals. ECS Meeting Abstracts, 2018, , .	0.0	0
35	New Angular Polycyclic Aromatic Boron Heterocycle Ring Systems. Journal of Heterocyclic Chemistry, 2017, 54, 749-752.	1.4	8
36	Adamantylidene Addition to $\text{M}_3\text{N@Ih-C}_{80}$ ($\text{M}=\text{Sc}, \text{Lu}$) and $\text{Sc}_3\text{N@D}_5\text{h-C}_{80}$: Synthesis and Crystallographic Characterization of the [5,6]-Open and [6,6]-Open Adducts. Chemistry - A European Journal, 2017, 23, 6552-6561.	1.7	18

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37	Piperazine-functionalized C ₆₀ and diiodine or iodine monochloride as components in forming supramolecular assemblies. Dalton Transactions, 2017, 46, 3710-3715.	1.6	4
38	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.	6.6	30
39	Tin(II) Hydrides as Intermediates in Rearrangements of Tin(II) Alkyl Derivatives. Journal of the American Chemical Society, 2017, 139, 6596-6604.	6.6	26
40	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, Cull, and ZnII complexes. CrystEngComm, 2017, 19, 3244-3253.	1.3	2
41	Mixed valence copper-sulfur clusters of highest nuclearity: a Cu ₈ wheel and a Cu ₁₆ nanoball. Chemical Communications, 2017, 53, 3334-3337.	2.2	12
42	An ordering phase transition, short hydrogen bonds and high Z ² in the structure of Ni(Hpydc) ₂ ·3H ₂ O. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 413-418.	0.5	0
43	Metal ion size and the pyramidalization of trimetallic nitride units inside a fullerene cage: Comparisons of the crystal structures of M ₃ N@I-C ₈₀ (M = Gd, Tb, Dy, Ho, Er, Tm, Lu, and Sc) and some mixed metal counterparts. Inorganica Chimica Acta, 2017, 468, 321-326.	1.2	22
44	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.	1.6	22
45	Unusual C ₂ h ₂ -Symmetric trans-Bis(pyrrolidine)-tetra-malonate Hexa-Adducts of C ₆₀ : The Unexpected Regio- and Stereocontrol Mediated by Malonate-Pyrrolidine Interaction. Chemistry - A European Journal, 2017, 23, 15937-15944.	1.7	7
46	Insertion of a Transient Tin Nitride into Carbon-Carbon and Boron-Carbon Bonds. Inorganic Chemistry, 2017, 56, 14596-14604.	1.9	9
47	A temperature-dependent phase transformation of (E)-2-[[4-chlorophenyl]imino]acenaphthylene-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1255-1258.	0.2	0
48	(Invited) High Pressure Measurements of Two Polymorphs of C ₆₀ . ECS Meeting Abstracts, 2017, , .	0.0	0
49	Steric effects and aurophilic interactions in crystals of Au ₂ (1/4-1,2-bis(diphenylphosphino)ethane) ₂ X ₂ and Au ₂ (1/4-1,2-bis(dicyclohexylphosphino)ethane) ₂ X ₂ (X = Cl, Br, I). Polyhedron, 2016, 117, 535-541.	1.0	11
50	[U(bipy) ₄]: A Mistaken Case of U ⁰ ? Chemistry - A European Journal, 2016, 22, 1931-1936.	1.7	25
51	Crystal structure determination as part of an undergraduate laboratory experiment: 1,3,3-trimethylspiro[chromene-2,2'-indoline] and 1,3,3-trimethyl-4-[(E)-(1,3,3-trimethylindolin-2-ylidene)methyl]spiro[chroman-2,2'-indoline]. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1659-1662.	0.2	2
52	Regioselective Synthesis and Crystallographic Characterization of Isoxazoline-Ring-Fused Derivatives of Sc ₃ N@Ih-C ₈₀ and C ₆₀ . Inorganic Chemistry, 2016, 55, 4075-4077.	1.9	10
53	Tethered bis-pyrrolidine additions to C ₇₀ : Some unexpected and new regioisomers. Carbon, 2016, 105, 394-400.	5.4	12
54	Zigzag Sc ₂ C ₂ Carbide Cluster inside a [88] Fullerene Cage with One Heptagon, Sc ₂ C ₂ @C ₈₈ (hept)-C ₈₈ : A Kinetically Trapped Fullerene Formed by C ₂ Insertion?. Journal of the American Chemical Society, 2016, 138, 13030-13037.	6.6	81

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55	Catalytic dehydrocoupling of amines and boranes by an incipient tin(sc^{ii}) hydride. <i>Chemical Communications</i> , 2016, 52, 13656-13659.	2.2	32
56	Coinage Metal Pyrazolates $[(3,5\text{-}(\text{CF}_3)_2)_2\text{Pz}]\text{M}_3$ (M = Au, Ag, Cu) as Buckycatchers. <i>Inorganic Chemistry</i> , 2016, 55, 8277-8280.	1.9	39
57	Synthesis and Isolation of the Titanium-Scandium Endohedral Fullerenes $\text{Sc}_2\text{TiC}_{80}$, $\text{Sc}_2\text{TiC}_{80}$ and $\text{Sc}_2\text{TiC}_{80}$: Metal Size Tuning of the $\text{Ti}^{\text{IV}}/\text{Ti}^{\text{III}}$ Redox Potentials. <i>Chemistry - A European Journal</i> , 2016, 22, 13098-13107.	1.7	47
58	Silver(I)-Mediated Modification, Dimerization, and Polymerization of an Open-Cage Fullerene. <i>Journal of the American Chemical Society</i> , 2016, 138, 16459-16465.	6.6	22
59	The Unanticipated Dimerization of $\text{Ce}(\text{C}_2\text{v})(9)\text{C}_{82}$ upon Co-crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric $\text{M}(\text{C}_2\text{v})(9)\text{C}_{82}$ (M = La, Sc, and Y). <i>Chemistry - A European Journal</i> , 2016, 22, 18115-18122.	1.7	23
60	Piperazine Functionalization of C_{70} for Incorporation into Supramolecular Assemblies. <i>Chemistry - A European Journal</i> , 2016, 22, 18908-18915.	1.7	7
61	Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell $\text{La}_2\text{IhC}_{80}$ Derivative. <i>Angewandte Chemie</i> , 2016, 128, 4314-4318.	1.6	6
62	Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell $\text{La}_2\text{IhC}_{80}$ Derivative. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4242-4246.	7.2	56
63	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> , 2016, 13, 563-574.	1.2	4
64	Crystal Engineering Gone Awry. What a Difference a Few Methyl Groups Make in Fullerene/Porphyrin Cocrystallization. <i>Crystal Growth and Design</i> , 2016, 16, 447-455.	1.4	12
65	Isolation and Crystallographic Characterization of $\text{Gd}_3\text{N}@D_2(35)\text{-C}_{88}$ through Non-Chromatographic Methods. <i>Inorganic Chemistry</i> , 2016, 55, 62-67.	1.9	18
66	Reactivity differences of $\text{Sc}_3\text{N}@C_{2n}$ ($2n = 68$ and 80). Synthesis of the first methanofullerene derivatives of $\text{Sc}_3\text{N}@D_{5h}\text{-C}_{80}$. <i>Chemical Communications</i> , 2016, 52, 64-67.	2.2	51
67	Synthesis and Structure of $\text{LaSc}_2\text{N}@C_s$ (hept) C_{80} with One Heptagon and Thirteen Pentagons. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 495-499.	7.2	50
68	α -Aminoethanol Extraction as a Method for Purifying $\text{Sc}_3\text{N}@C_{80}$ and for Differentiating Classes of Endohedral Fullerenes on the Basis of Reactivity. <i>Chemistry - A European Journal</i> , 2015, 21, 17035-17043.	1.7	17
69	Preparation, Structural Determination, and Characterization of Electronic Properties of Bis-silylated and Bis-germylated $\text{Lu}_3\text{N}@IhC_{80}$. <i>Chemistry - A European Journal</i> , 2015, 21, 16411-16420.	1.7	13
70	The Instability of $\text{Ni}\{\text{N}(\text{SiMe}_3)_2\}_2$: A Fifty Year Old Transition Metal Silylamide Mystery. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12914-12917.	7.2	35
71	Isolation of $\text{CeLu}_2\text{N}@IhC_{80}$ through a Non-Chromatographic, Two-Step Chemical Process and Crystallographic Characterization of the Pyramidalized CeLu_2N within the Icosahedral Cage. <i>Chemistry - A European Journal</i> , 2015, 21, 10362-10368.	1.7	21
72	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, 7502-7508.	6.6	54

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73	A zwitterion produced by a strong intramolecular Nâ†B interaction in 1-hydroxy-2-(pyridin-2-ylcarbonyl)benzo[<i>d</i>][1,2,3]diazaborinine. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 1085-1088.	0.2	6
74	Computational Studies of a Paramagnetic Planar Dibenzotetraaza[14]annulene Ni(II) Complex. Journal of Physical Chemistry A, 2015, 119, 5189-5196.	1.1	4
75	Beyond the Butterfly: Sc ₂ C ₂ @C ₈₆ , an Endohedral Fullerene Containing a Planar, Twisted Sc ₂ C ₂ Unit with Remarkable Crystalline Order in an Unprecedented Carbon Cage. Journal of the American Chemical Society, 2015, 137, 10116-10119.	6.6	58
76	Structures of Colland ZnII complexes of the proton-transfer compound derived from pyrazine-2,3-dicarboxylic acid and piperazine. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 539-544.	0.2	3
77	Waves of Halogenâ€“Halogen Bond Formation in the Cocrystallization of Hexabromobenzene and 1,2,4,5-Tetrabromobenzene with C ₇₀ . Crystal Growth and Design, 2015, 15, 2480-2485.	1.4	10
78	Formation of a Stable Complex, RuCl ₂ (S ₂ CPh ₃)(PPh ₃) ₂ , Containing an Unstable Zwitterion from the Reaction of RuCl ₂ (PPh ₃) ₃ with Carbon Disulfide. Inorganic Chemistry, 2015, 54, 4565-4573.	1.9	12
79	Synthesis and characterization of a trans-1 hexakis-fullerene linker that forms crystalline polymers with silver salts. Dalton Transactions, 2015, 44, 18487-18491.	1.6	8
80	Reactivity comparison of five- and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. RSC Advances, 2015, 5, 85111-85121.	1.7	24
81	Copper coordinated ligand thioether-S and NO ₂ oxidation: relevance to the Cu _M site of hydroxylases. Dalton Transactions, 2015, 44, 17587-17599.	1.6	5
82	Regioselective Cage Opening of La ₂ @D ₂ (10611)â€“C ₇₂ with 5,6â€“Diphenylâ€“(2â€“pyridyl)â€“1,2,4â€“triazine. Angewandte Chemie - International Edition, 2015, 54, 2232-2235.	7.2	9
83	New Insights into the Structural Complexity of C ₆₀ â€“2S ₈ : Two Crystal Morphologies, Two Phase Changes, Four Polymorphs. Crystal Growth and Design, 2015, 15, 404-410.	1.4	14
84	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. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 104-111.	0.6	3
85	New Positive Ca ²⁺ -Activated K ⁺ Channel Gating Modulators with Selectivity for K _{Ca} 3.1. Molecular Pharmacology, 2014, 86, 342-357.	1.0	50
86	Gadolinium-containing endohedral fullerenes: structures and function as magnetic resonance imaging (MRI) agents. Dalton Transactions, 2014, 43, 7346-7358.	1.6	81
87	Sc ₂ @C ₆₆ Revisited: An Endohedral Fullerene with Scandium Ions Nestled within Two Unsaturated Linear Triquinanes. Journal of the American Chemical Society, 2014, 136, 7611-7614.	6.6	74
88	Isolation and Crystallographic Characterization of Tm ₃ N@D ₂ (35)-C ₈₈ . Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 280-288.	1.0	4
89	Synthesis, Characterization, and Antibacterial Activity of Structurally Complex 2â€“Acylated 2,3,1â€“Benzodiazaborines and Related Compounds. Chemistry and Biodiversity, 2014, 11, 1381-1397.	1.0	38
90	Zippering up fullerenes into polymers using rhodium(II) acetate dimer and N(CH ₂ CH ₂) ₂ NC ₆₀ as building blocks. Chemical Communications, 2014, 50, 15152-15155.	2.2	12

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91	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.	1.4	8
92	Isolation and characterization of [5,6]-pyrrolidino-Sc ₃ N@I _h -C ₈₀ diastereomers. <i>Chemical Communications</i> , 2014, 50, 12552-12555.	2.2	15
93	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.	1.4	9
94	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*Rh-DNA Base Complexes in Host-Guest Chemistry. <i>Organometallics</i> , 2014, 33, 2389-2404.	1.1	26
95	Hexacoordinate Nickel(II)/(III) Complexes that Mimic the Catalytic Cycle of Nickel Superoxide Dismutase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10184-10189.	7.2	26
96	High-yield, regiospecific bis-functionalization of C ₇₀ using a Diels-Alder reaction in molten anthracene. <i>Chemical Communications</i> , 2014, 50, 10584-10587.	2.2	45
97	A Tetradentate Diiminato Ligand Containing Phenolate Substituents: Flexivalent Coordination to Mn ^{III} , Co ^{III} , Ni ^{II} , and Cu ^{II} . <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5752-5759.	1.0	13
98	Regioselective Benzyl Radical Addition to an Open-Shell Cluster Metallofullerene. Crystallographic Studies of Cocrystallized Sc ₃ C ₂ @I _h -C ₈₀ and Its Singly Bonded Derivative. <i>Journal of the American Chemical Society</i> , 2014, 136, 10534-10540.	6.6	41
99	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, 880-885.	6.6	138
100	[5,6]-Open Methanofullerene Derivatives of I _h -C ₈₀ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11826-11830.	7.2	29
101	Inorganic topochemistry. Vapor-induced solid state transformations of luminescent, three-coordinate gold(scp) complexes. <i>Chemical Science</i> , 2013, 4, 311-318.	3.7	83
102	Crystallographic and Computational Studies of Luminescent, Binuclear Gold(I) Complexes, Au ^I ₂ (Ph) ₂ P(CH ₂) ₂ ₂ and Au ^I ₂ (Ph) ₂ P(CH ₂) ₂ ₂ ($\langle i \rangle n = 3$). <i>Inorganic Chemistry</i> , 2013, 52, 823-831.		
103	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.	2.2	38
104	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.	1.0	7
105	Reshaping molecules through cocrystallization. Comparison of the structures of Hg{Co(CO) ₄ } ₂ and Hg{Co(CO) ₄ } ₂ ·C ₆₀ ·toluene. <i>Chemical Communications</i> , 2013, 49, 5921.	2.2	5
106	Copper Complexes Relevant to the Catalytic Cycle of Copper Nitrite Reductase: Electrochemical Detection of NO Evolution and Flipping of NO ₂ Binding Mode upon Cu ^{II} Reduction. <i>Inorganic Chemistry</i> , 2013, 52, 11084-11095.	1.9	35
107	Ordered Structures from Crystalline Carbon Disulfide Solvates of the Nano-Tubular Fullerenes D _{5h} (1)-C ₉₀ and D _{5h} -C ₇₀ . <i>Crystal Growth and Design</i> , 2013, 13, 4591-4598.	1.4	22
108	Orientational 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.	2.2	13

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109	Isolation and Crystallographic Characterization of Sm@C _{2v} (3)-C ₈₀ Through Cocrystal Formation with Ni ^{II} (octaethylporphyrin) or Bis(ethylenedithio)tetrathiafulvalene. <i>Inorganic Chemistry</i> , 2013, 52, 1275-1284.	1.9	23
110	Selective Synthesis, Isolation, and Crystallographic Characterization of LaSc ₂ N@Ih-C ₈₀ . <i>Inorganic Chemistry</i> , 2012, 51, 13096-13102.	1.9	45
111	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.	2.2	23
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