

Alan L Balch

List of Publications by Year in descending order

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187
papers

10,557
citations

28736

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#	ARTICLE	IF	CITATIONS
1	Direct Crystallization of Diamine Radical Cations: Carbon–Nitrogen Bond Formation from the Reaction of Triphenylamine with TiCl ₄ , TiBr ₄ , or SnCl ₄ vs Carbon–Carbon Bond Formation with SbCl ₅ . Chemistry - A European Journal, 2022, , .	1.7	4
2	Pyrazole-, isoxazole- and pyrrole-ring fused derivatives of C ₆₀ : synthesis and electrochemical properties as well as morphological characterization. New Journal of Chemistry, 2022, 46, 6663-6669.	1.4	1
3	Richard Hadley Holm: A Remembrance and A Tribute. Comments on Inorganic Chemistry, 2022, 42, 61-108.	3.0	2
4	A non-luminescent polymorph of [(cyclohexyl isocyanide) ₂ Au]PF ₆ that becomes luminescent upon grinding or exposure to dichloromethane vapor. Chemical Communications, 2021, 57, 793-796.	2.2	6
5	(Invited) Structural Studies of Open-Cage Fullerenes. ECS Meeting Abstracts, 2021, MA2021-01, 636-636.	0.0	0
6	Synthesis and Electrochemistry of Novel Dumbbell-Shaped Bis-pyrazolino[60]fullerene Derivatives Formed Using Microwave Radiation. ACS Omega, 2021, 6, 20321-20330.	1.6	5
7	Introduction of a (Ph) ₃ P) ₂ Pt group into the rim of an open-cage fullerene by breaking a carbon–carbon bond. Chemical Communications, 2021, 57, 10218-10221.	2.2	3
8	Solvent and Solvate Effects on the Cocrystallization of C ₆₀ with Coll(OEP) or ZnII(OEP) (OEP =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.4	4
9	Fullerene nanostructures: how the oblong shape of C ₇₀ forms a cocrystal with an enormous asymmetric unit and related cocrystals. Nanoscale, 2020, 12, 20356-20363.	2.8	7
10	Seeing luminescence appear as crystals crumble. Isolation and subsequent self-association of individual [(C ₆ H ₁₁ NC) ₂ Au] ⁺ ions in crystals. Chemical Science, 2020, 11, 11705-11713.	3.7	7
11	Unsymmetrical Coordination of Bipyridine in Three-Coordinate Gold(I) Complexes. Inorganic Chemistry, 2020, 59, 4109-4117.	1.9	10
12	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] ⁺ . Journal of the American Chemical Society, 2020, 142, 5689-5701.	6.6	32
13	What IS Inorganic Chemistry?. Inorganic Chemistry, 2019, 58, 9515-9516.	1.9	2
14	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 . Chemistry - A European Journal, 2019, 25, 12545-12551.	1.7	13
15	Predicting Stable Molecular Structures for (RNC) ₂ Au ⁺ X Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 1127-1134.	0.6	0
16	Metal Ion Effects on Fullerene/Porphyrin Cocrystallization. Crystal Growth and Design, 2019, 19, 6743-6751.	1.4	10
17	Frontispiece: Cleavage of Carbon Disulfide by <i>n</i> -Propyldiphenylphosphine and Nickel(II) Bromide. Chemistry - A European Journal, 2019, 25, .	1.7	0
18	The Preparation of Luminescent, Mechanochromic Molecular Containers from Non-Emissive Components: The Box Cations, [Au ₆ (Triphos) ₄ Br] ⁵⁺ and [Au ₆ (Triphos) ₄ Br ₂] ⁴⁺ . Chemistry - A European Journal, 2019, 25, 3849-3857.	1.7	8

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19	Cleavage of Carbon Disulfide by n-Propyldiphenylphosphine and Nickel(II) Bromide. Chemistry - A European Journal, 2019, 25, 2491-2496.	1.7	0
20	Vapoluminescent Behavior and the Single-Crystal-to-Single-Crystal Transformations of Chloroform Solvates of $[\text{Au}_2(\text{I}^{1/4}\text{-}1,2\text{-bis(diphenylarsino)ethane})_2](\text{AsF}_6)_2$. Chemistry - A European Journal, 2019, 25, 874-878.	1.7	18
21	The directional character of the piperazine double addition product, $e\{\text{N}(\text{CH}_2\text{CH}_2)_2\}_2\text{C}_{60}$, as a building block for forming crystalline fullerene polymers. CrystEngComm, 2018, 20, 924-929.	1.3	3
22	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
23	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
24	Identifying a Needle in a Haystack: Isolation and Structural Characterization of Er_2C_{94} as the Carbide $\text{Er}_2\text{C}_2 @ \text{D}_3(85)\text{-}\text{C}_{92}$. Chemistry - A European Journal, 2018, 24, 13479-13484.	1.7	11
25	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
26	Piperazine-functionalized C_{60} and diiodine or iodine monochloride as components in forming supramolecular assemblies. Dalton Transactions, 2017, 46, 3710-3715.	1.6	4
27	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. CrystEngComm, 2017, 19, 3244-3253.	1.3	2
28	Metal ion size and the pyramidalization of trimetallic nitride units inside a fullerene cage: Comparisons of the crystal structures of $\text{M}_3\text{N@I-C}_{80}$ ($\text{M} = \text{Gd}, \text{Tb}, \text{Dy}, \text{Ho}, \text{Er}, \text{Tm}, \text{Lu}, \text{and Sc}$) and some mixed metal counterparts. Inorganica Chimica Acta, 2017, 468, 321-326.	1.2	22
29	Steric effects and aurophilic interactions in crystals of $\text{Au}_2(\text{I}^{1/4}\text{-}1,2\text{-bis(diphenylphosphino)ethane})_2\text{X}_2$ and $\text{Au}_2(\text{I}^{1/4}\text{-}1,2\text{-bis(dicyclohexylphosphino)ethane})_2\text{X}_2$ ($\text{X} = \text{Cl}, \text{Br}, \text{I}$). Polyhedron, 2016, 117, 535-541.	1.0	11
30	Regioselective Synthesis and Crystallographic Characterization of Isoxazoline-Ring-Fused Derivatives of $\text{Sc}_3\text{N@I-C}_{80}$ and C_{60} . Inorganic Chemistry, 2016, 55, 4075-4077.	1.9	10
31	Zigzag Sc_2C_2 Carbide Cluster inside a [88] Fullerene Cage with One Heptagon, $\text{Sc}_2\text{C}_2 @ \text{C}_{88}$ (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
32	Synthesis and Isolation of the Titanium-Scandium Endohedral Fullerenes $\text{Sc}_2\text{Ti@I-C}_{80}$, $\text{Sc}_2\text{Ti@D-C}_{55}\text{h-C}_{80}$ and $\text{Sc}_2\text{Ti@I-C}_{80}$: Metal Size Tuning of the $\text{Ti}^{\text{IV}}/\text{Ti}^{\text{III}}$ Redox Potentials. Chemistry - A European Journal, 2016, 22, 13098-13107.	1.7	47
33	Silver(I)-Mediated Modification, Dimerization, and Polymerization of an Open-Cage Fullerene. Journal of the American Chemical Society, 2016, 138, 16459-16465.	6.6	22
34	The Unanticipated Dimerization of $\text{Ce}_2\text{V-C}_{82}$ upon Co-crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric $\text{M}_2\text{V-C}_{82}$ ($\text{M} = \text{La}, \text{Sc}, \text{and Y}$). Chemistry - A European Journal, 2016, 22, 18115-18122.	1.7	23
35	Piperazine Functionalization of C_{70} for Incorporation into Supramolecular Assemblies. Chemistry - A European Journal, 2016, 22, 18908-18915.	1.7	7
36	Crystallographic Evidence for Direct Metal-Metal Bonding in a Stable Open-Shell $\text{La}_2\text{I-C}_{80}$ Derivative. Angewandte Chemie, 2016, 128, 4314-4318.	1.6	6

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37	Crystallographic Evidence for Direct Metal–Metal Bonding in a Stable Open-Shell La ₂ @I _h -C ₈₀ Derivative. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4242-4246.	7.2	56
38	Two-Component Polymeric Materials of Fullerenes and the Transition Metal Complexes: A Bridge between Metal–Organic Frameworks and Conducting Polymers. <i>Chemical Reviews</i> , 2016, 116, 3812-3882.	23.0	116
39	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
40	Isolation and Crystallographic Characterization of Gd ₃ N@D ₃ (35)-C ₈₈ through Non-Chromatographic Methods. <i>Inorganic Chemistry</i> , 2016, 55, 62-67.	1.9	18
41	Reactivity differences of Sc ₃ N@C _{2n} (2n = 68 and 80). Synthesis of the first methanofullerene derivatives of Sc ₃ N@D _{5h} -C ₈₀ . <i>Chemical Communications</i> , 2016, 52, 64-67.	2.2	51
42	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, 495-499.	7.2	50
43	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, 17035-17043.	1.7	17
44	Preparation, Structural Determination, and Characterization of Electronic Properties of Bis-silylated and Bis-germylated Lu ₃ N@I _h -C ₈₀ . <i>Chemistry - A European Journal</i> , 2015, 21, 16411-16420.	1.7	13
45	Isolation of CeLu ₂ N@I _h -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, 10362-10368.	1.7	21
46	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
47	Beyond the Butterfly: Sc ₂ C ₂ @C _v (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, 10116-10119.	6.6	58
48	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.	1.4	10
49	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, 4565-4573.	1.9	12
50	Synthesis and characterization of a trans-1 hexakis-fullerene linker that forms crystalline polymers with silver salts. <i>Dalton Transactions</i> , 2015, 44, 18487-18491.	1.6	8
51	Reactivity comparison of five- and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. <i>RSC Advances</i> , 2015, 5, 85111-85121.	1.7	24
52	New Insights into the Structural Complexity of C ₆₀ -2S ₈ : Two Crystal Morphologies, Two Phase Changes, Four Polymorphs. <i>Crystal Growth and Design</i> , 2015, 15, 404-410.	1.4	14
53	Gadolinium-containing endohedral fullerenes: structures and function as magnetic resonance imaging (MRI) agents. <i>Dalton Transactions</i> , 2014, 43, 7346-7358.	1.6	81
54	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, 7611-7614.	6.6	74

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73	Polymorphs and Auophilic Interactions in Colorless Crystals of Au ₂ ($\frac{1}{4}$ -1,2) Tj ETQq1 1 0.784314 rgBJ /Overlock 10 Tf 50	1.9	14
74	Isolation of Four Isomers of C ₉₆ and Crystallographic Characterization of Nanotubular $\langle i \rangle D \langle i \rangle \langle sub \rangle 3 \langle i \rangle d \langle i \rangle \langle sub \rangle (3) \text{C}_{96}$ and the Somewhat Flat-Sided Sphere $\langle i \rangle C \langle sub \rangle 2 \langle i \rangle (181) \text{C}_{96}$. Chemistry - A European Journal, 2012, 18, 2792-2796.	1.7	50
75	The Shape of the Sc ₂ ($\frac{1}{4}$ -2-S) Unit Trapped in C ₈₂ : Crystallographic, Computational, and Electrochemical Studies of the Isomers, Sc ₂ ($\frac{1}{4}$ -2-S)@C ₈₂ and Sc ₂ ($\frac{1}{4}$ -2-S)@C ₈₂ v ₃ (8)-C ₈₂ . Journal of the American Chemical Society, 2011, 133, 15338-15341.	6.6	121
76	Sm ₂ @D ₂ (35)-C ₈₈ , Sm ₂ @C ₁ (21)-C ₉₀ , and Sm ₂ @D ₃ (85)-C ₉₂ , and Their Relationship to Endohedral Fullerenes Containing Two Gadolinium Ions. Journal of the American Chemical Society, 2011, 133, 15338-15341.	6.6	61
77	Very Large, Soluble Endohedral Fullerenes in the Series La ₂ C ₉₀ to La ₂ C ₁₃₈ : Isolation and Crystallographic Characterization of La ₂ @D ₅ (450)-C ₁₀₀ . Journal of the American Chemical Society, 2011, 133, 15338-15341.	6.6	78
78	Endohedral metallofullerenes: a unique host-guest association. Chemical Society Reviews, 2011, 40, 3551.	18.7	359
79	Molecular Accordion: Vapoluminescence and Molecular Flexibility in the Orange and Green Luminescent Crystals of the Dimer, Au ₂ ($\frac{1}{4}$ -bis-(diphenylphosphino)ethane) ₂ Br ₂ . Journal of the American Chemical Society, 2011, 133, 10229-10238.	6.6	123
80	H ₂ O in a Desert of Carbon Atoms. Science, 2011, 333, 531-532.	6.0	18
81	Fullerenes without symmetry: crystallographic characterization of C ₁ (30)@C ₉₀ and C ₁ (32)@C ₉₀ . Chemical Communications, 2011, 47, 2068-2070.	2.2	37
82	Isolation of a Small Carbon Nanotube: The Surprising Appearance of $\langle i \rangle D \langle i \rangle \langle sub \rangle 5 \langle i \rangle h \langle i \rangle (1) \text{C}_{90}$. Angewandte Chemie - International Edition, 2010, 49, 886-890.	7.2	85
83	Sc ₂ ($\frac{1}{4}$ -2-O) Trapped in a Fullerene Cage: The Isolation and Structural Characterization of Sc ₂ ($\frac{1}{4}$ -2-O)@C ₈₂ and the Relevance of the Thermal and Entropic Effects in Fullerene Isomer Selection. Journal of the American Chemical Society, 2010, 132, 12098-12105.	6.6	119
84	Effects of Counter Anions on Intense Photoluminescence of 1-D Chain Gold(I) Complexes. Inorganic Chemistry, 2010, 49, 7129-7134.	1.9	46
85	A seven atom cluster in a carbon cage, the crystallographically determined structure of Sc ₄ ($\frac{1}{4}$ -3-O) ₃ @Ih-C ₈₀ . Chemical Communications, 2010, 46, 279-281.	2.2	123
86	Crystallization of chloroindium(III) octaethylporphyrin into a clamshell motif to engulf guest molecules. CrystEngComm, 2010, 12, 866-871.	1.3	6
87	Structural similarities in Cs(16)-C ₈₆ and C ₂ (17)-C ₈₆ . Chemical Communications, 2010, 46, 5262.	2.2	30
88	Dynamic Crystals: Visually Detected Mechanochemical Changes in the Luminescence of Gold and Other Transition-Metal Complexes. Angewandte Chemie - International Edition, 2009, 48, 2641-2644.	7.2	258
89	Isolation and Structural Characterization of the Molecular Nanocapsule Sm ₂ @D ₃ (822)@C ₁₀₄ . Angewandte Chemie - International Edition, 2009, 48, 9114-9116.	7.2	85
90	Large Metal Ions in a Relatively Small Fullerene Cage: The Structure of Gd ₃ N@C ₂ (22010)-C ₇₈ Departs from the Isolated Pentagon Rule. Journal of the American Chemical Society, 2009, 131, 11519-11524.	6.6	124

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91	Electronic Structures of Scandium Oxide Endohedral Metallofullerenes, Sc ₄ (I ₄ -O) ₃ @I _h -C ₈₀ (i = 2, 3). Inorganic Chemistry, 2009, 48, 5957-5961.	1.9	57
92	Formation of Crystalline Polymers from the Reaction of Amine-Functionalized C ₆₀ with Silver Salts. Inorganic Chemistry, 2009, 48, 1339-1345.	1.9	25
93	Crystal Packing in Planar Platinum(II) and Palladium(II) Complexes. Hydrogen-Bond-Mediated Supramolecular Assembly of Ten Wedge-Shaped Molecules into a Cyclic Array. Crystal Growth and Design, 2009, 9, 1786-1792.	1.4	5
94	Splendid symmetry: crystallization of an unbridged isomer of Co ₂ (CO) ₈ in Co ₂ (CO) ₈ ·C ₆₀ . Chemical Communications, 2009, , 7143.	2.2	31
95	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. Journal of the American Chemical Society, 2008, 130, 17296-17300.	6.6	149
96	Blue or Green Glowing Crystals of the Cation [Au{C(NHMe) ₂ }] ₂ ⁺ . Structural Effects of Anions, Hydrogen Bonding, and Solvate Molecules on the Luminescence of a Two-Coordinate Gold(I) Carbene Complex. Inorganic Chemistry, 2008, 47, 3442-3451.	1.9	34
97	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. Dalton Transactions, 2008, , 4157.	1.6	11
98	A Distorted Tetrahedral Metal Oxide Cluster inside an Icosahedral Carbon Cage. Synthesis, Isolation, and Structural Characterization of Sc ₄ (I ₄ -O) ₂ @I _h -C ₈₀ . Journal of the American Chemical Society, 2008, 130, 11844-11845.	6.6	219
99	Bilayer Packing of Amphiphilic Cationic Fullerenes in Crystalline Salts: Models for Self-Assembled Nanostructures. Crystal Growth and Design, 2008, 8, 976-980.	1.4	6
100	Is the Isolated Pentagon Rule Merely a Suggestion for Endohedral Fullerenes? The Structure of a Second Egg-Shaped Endohedral Fullerene—Gd ₃ N@Cs(39663)-C ₈₂ . Journal of the American Chemical Society, 2008, 130, 7854-7855.	6.6	129
101	M ₂ @C ₇₉ N (M = Y, Tb): Isolation and Characterization of Stable Endohedral Metallofullerenes Exhibiting M-M Bonding Interactions inside Aza[80]fullerene Cages. Journal of the American Chemical Society, 2008, 130, 12992-12997.	6.6	155
102	Dichlorobis[1/4-Methylenebis (Diphenyl-Phosphine)]Dipalladium(I) (Pd-Pd). Inorganic Syntheses, 2007, , 340-342.	0.3	4
103	Remarkable Luminescence Behaviors and Structural Variations of Two-Coordinate Gold(I) Complexes. Structure and Bonding, 2007, , 1-40.	1.0	68
104	Charge transfer processes in bilayers and co-polymers composed of C ₆₀ Pd and 2-ferrocenylpyrrolidino-[3,4;1,2]C ₆₀ Pd two-component polymers. Journal of Materials Chemistry, 2007, 6.7, 17, 572-581.	6.7	7
105	Ordered Crystals of Fullerenes Produced by Cocrystallization with Halogenated Azatriquinacenes. Crystal Growth and Design, 2007, 7, 75-82.	1.4	20
106	11. Binuclear Transition Metal Complexes Bridged by Methylenebis(Diphenylphosphine). Inorganic Syntheses, 2007, , 47-51.	0.3	10
107	Tb ₃ N@C ₈₄ : An Improbable, Egg-Shaped Endohedral Fullerene that Violates the Isolated Pentagon Rule. Journal of the American Chemical Society, 2006, 128, 11352-11353.	6.6	194
108	Electrochemically formed fullerene-based polymeric films. Journal of Solid State Electrochemistry, 2006, 10, 761-784.	1.2	40

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109	Mechanistic studies of the electrochemical polymerization of C60 in the presence of dioxygen or C60O. <i>Journal of Materials Chemistry</i> , 2005, 15, 1468.	6.7	44
110	A Reversible Polymorphic Phase Change Which Affects the Luminescence and Auophilic Interactions in the Gold(I) Cluster Complex, $[\frac{1}{4}\text{-S}(\text{AuCNC7H13})_3](\text{SbF}_6)$. <i>Journal of the American Chemical Society</i> , 2005, 127, 10838-10839.	6.6	71
111	Polymorphism and luminescent behavior of linear, two-coordinate gold(i) complexes. <i>Gold Bulletin</i> , 2004, 37, 45-50.	3.2	70
112	Pyramidalization of Gd3N inside a C80 cage. The synthesis and structure of Gd3N@C80. <i>Chemical Communications</i> , 2004, , 2814.	2.2	126
113	Mass Spectrometric and Computational Studies of Heterofullerenes ($[\text{C58Pt}]^-$, $[\text{C59Pt}]^+$) Obtained by Laser Ablation of Electrochemically Deposited Films. <i>Journal of Physical Chemistry A</i> , 2004, 108, 2192-2198.	1.1	39
114	The electrochemical formation and properties of bilayers composed of polypyrrole and C60Pd films. <i>Journal of Materials Chemistry</i> , 2004, 14, 1036.	6.7	11
115	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 928-931.	1.6	34
116	Sc3N@C68: Folded Pentalene Coordination in an Endohedral Fullerene that Does Not Obey the Isolated Pentagon Rule. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 900-903.	7.2	173
117	Interactions of metalloporphyrins as donors with the electron acceptors C60, tetracyanoquinomethane (TCNQ) and trinitrofluorenylidene malonitrile. <i>Dalton Transactions</i> , 2003, , 3227.	1.6	34
118	Auophilic Interactions in Cationic Gold Complexes with Two Isocyanide Ligands. Polymorphic Yellow and Colorless Forms of $[(\text{Cyclohexyl Isocyanide})_2\text{Au}](\text{PF}_6)$ with Distinct Luminescence. <i>Journal of the American Chemical Society</i> , 2003, 125, 1033-1040.	6.6	182
119	Crystal Environments Probed by EPR Spectroscopy. Variations in the EPR Spectra of Coll(octaethylporphyrin) Doped in Crystalline Diamagnetic Hosts and a Reassessment of the Electronic Structure of Four-Coordinate Cobalt(II). <i>Journal of the American Chemical Society</i> , 2003, 125, 12606-12614.	6.6	66
120	Cation and hydrogen bonding effects on the self-association and luminescence of the dicyanoaurate ion, $[\text{Au}(\text{CN})_2]^+$. <i>Dalton Transactions</i> , 2003, , 4282.	1.6	38
121	Structure and properties of C60@Pd films formed by electroreduction of C60 and palladium(ii) acetate trimer: evidence for the presence of palladium nanoparticles. <i>Journal of Materials Chemistry</i> , 2003, 13, 518-525.	6.7	36
122	Cocrystallization of Binuclear Iron(III) Porphyrins with C60: Bending of $\frac{1}{4}\text{-O}\{\text{FeIII}(\text{Octaethylporphyrin})\}$ and the First Structure of the Iron(III) Octaethylporphyrin Dimer. <i>Crystal Growth and Design</i> , 2003, 3, 691-697.	1.4	50
123	Bonding within the Endohedral Fullerenes Sc3N@C78 and Sc3N@C80 as Determined by Density Functional Calculations and Reexamination of the Crystal Structure of $\{\text{Sc}_3\text{N@C78}\}\cdot\text{Co}(\text{OEP})\cdot 1.5(\text{C}_6\text{H}_6)\cdot 0.3(\text{CHCl}_3)$. <i>Journal of Physical Chemistry A</i> , 2002, 106, 12356-12364.	1.1	200
124	Crystallographic characterization of Kr@C60 in $(0.09\text{Kr@C60}/0.91\text{C60})\cdot\{\text{NiIII}(\text{OEP})\}\cdot 2\text{C}_6\text{H}_6$. <i>Chemical Communications</i> , 2002, , 1352-1353.	2.2	47
125	Remarkable Variations in the Luminescence of Frozen Solutions of $[\text{Au}\{\text{C}(\text{NHMe})_2\}_2](\text{PF}_6)\cdot 0.5(\text{Acetone})$. Structural and Spectroscopic Studies of the Effects of Anions and Solvents on Gold(I) Carbene Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 2327-2336.	6.6	160
126	Redox-active films formed by electrochemical reduction of solutions of C60 and platinum complexes. <i>Journal of Materials Chemistry</i> , 2002, 12, 2116-2122.	6.7	35

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