Xing Lu

List of Publications by Year
in descending order

163	5,417	66343	106344
papers	citations	42 h-index	65 g-index

174	174	174	2533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current status and future developments of endohedral metallofullerenes. Chemical Society Reviews, 2012, 41, 7723.	38.1	448
2	Chemistry of endohedral metallofullerenes: the role of metals. Chemical Communications, 2011, 47, 5942.	4.1	199
3	Chemical Understanding of a Non-IPR Metallofullerene: Stabilization of Encaged Metals on Fused-Pentagon Bonds in La₂@C₇₂. Journal of the American Chemical Society, 2008, 130, 9129-9136.	13.7	149
4	High-nuclearity silver(I) chalcogenide clusters: A novel class of supramolecular assembly. Coordination Chemistry Reviews, 2017, 331, 54-72.	18.8	129
5	Sc₂C₂@C₈₀ Rather than Sc₂@C₈₂: Templated Formation of Unexpected C_{2v}(5)-C₈₀ and Temperature-Dependent Dynamic Motion of Internal Sc₂C₂ Cluster. Journal of the American Chemical Society, 2011, 133, 2382-2385.	13.7	126
6	Carbide Cluster Metallofullerenes: Structure, Properties, and Possible Origin. Accounts of Chemical Research, 2013, 46, 1627-1635.	15.6	111
7	Yb@C_{2n} (n = 40, 41, 42): New Fullerene Allotropes with Unexplored Electrochemical Properties. Journal of the American Chemical Society, 2010, 132, 5896-5905.	13.7	108
8	Bonding inside and outside Fullerene Cages. Accounts of Chemical Research, 2018, 51, 810-815.	15.6	95
9	X-ray Structures of Sc₂C₂@C_{2n} (n = 40â€“42): In-Depth Understanding of the Coreâ€“Shell Interplay in Carbide Cluster Metallofullerenes. Inorganic Chemistry, 2012, 51, 746-750.	4.0	93
10	Structural Elucidation and Regioselective Functionalization of An Unexplored Carbide Cluster Metallofullerene Sc₂C₂@C_s(6)-C₈₂. Journal of the American Chemical Society, 2011, 133, 19553-19558.	13.7	88
11	Bisâ€Carbene Adducts of Nonâ€IPR La₂@C₇₂: Localization of High Reactivity around Fused Pentagons and Electrochemical Properties. Angewandte Chemie - International Edition, 2008, 47, 8642-8645.	13.8	85
12	Location of the Yttrium Atom in Y@C₈₂ and Its Influence on the Reactivity of Cage Carbons. Journal of the American Chemical Society, 2009, 131, 12066-12067.	13.7	84
13	An Improbable Monometallic Cluster Entrapped in a Popular Fullerene Cage: YCN@Cs(6)-C82. Scientific Reports, 2013, 3, 1487.	3.3	81
14	Silver nanoclusters: synthesis, structures and photoluminescence. Materials Chemistry Frontiers, 2020, 4, 2205-2222.	5.9	80
15	Highâ€Nuclearity Silver Thiolate Clusters Constructed with Phosphonates. Angewandte Chemie - International Edition, 2015, 54, 15176-15180.	13.8	78
16	Sc₂@C₆₆ Revisited: An Endohedral Fullerene with Scandium Ions Nestled within Two Unsaturated Linear Triquinanes. Journal of the American Chemical Society, 2014, 136, 7611-7614.	13.7	74
17	Recent progress in the chemistry of endohedral metallofullerenes. Chemical Communications, 2014, 50, 14701-14715.	4.1	72
18	Single-Crystal X-ray Diffraction Study of Three Yb@C₈₂ Isomers Cocrystallized with Ni^{II}(octaethylporphyrin). Journal of the American Chemical Society, 2012, 134, 18772-18778.	13.7	71

#	Article	IF	Citations
19	Lu₂@C_{2n} (2n = 82, 84, 86): Crystallographic Evidence of Direct Luâ€“Lu Bonding between Two Divalent Lutetium Ions Inside Fullerene Cages. Journal of the American Chemical Society, 2017, 139, 9979-9984.	13.7	68
20	Regioselective Electrosynthesis of Rare 1,2,3,16â€Functionalized [60]Fullerene Derivatives. Angewandte Chemie - International Edition, 2014, 53, 3006-3010.	13.8	65
21	A Highâ€Performance Supercapacitor Based on KOH Activated 1D C₇₀ Microstructures. Advanced Energy Materials, 2015, 5, 1500871.	19.5	65
22	Understanding Charge-Transfer Characteristics in Crystalline Nanosheets of Fullerene/(Metallo)porphyrin Cocrystals. Journal of the American Chemical Society, 2017, 139, 10578-10584.	13.7	64
23	Isolation and Crystallographic Characterization of La₂C₂@C_s(574)-C₁₀₂ and La₂C₂@C₂(816)-C₁₀₄: Evidence for the Top-Down Formation Mechanism of Fullerenes. Journal of the American Chemical Society, 2016, 138, 6670-6675.	13.7	62
24	Entrapping a Group-VB Transition Metal, Vanadium, within an Endohedral Metallofullerene: V_xSc_{3â€“x}N@I_h-C₈₀ (x = 1, 2). Journal of the American Chemical Society, 2016, 138, 207-214.	13.7	60
25	Crystallographic X-ray Analyses of Yb@C_{2v}(3)-C₈₀ Reveal a Feasible Rule That Governs the Location of a Rare Earth Metal inside a Medium-Sized Fullerene. Journal of the American Chemical Society, 2011, 133, 10772-10775.	13.7	58
26	Dichlorophenyl Derivatives of La@C_{3v}(7)â€“C₈₂: Endohedral Metal Induced Localization of Pyramidalization and Spin on a Tripleâ€Hexagon Junction. Angewandte Chemie - International Edition, 2010, 49, 9715-9719.	13.8	57
27	Crystallographic Evidence for Direct Metalâ€“Metal Bonding in a Stable Openâ€Shell La₂@I_h-C₈₀ Derivative. Angewandte Chemie - International Edition, 2016, 55, 4242-4246.	13.8	56
28	Exceptional Chemical Properties of Sc@C_{2v}(9)â€“C₈₂ Probed with Adamantylidene Carbene. Journal of the American Chemical Society, 2012, 134, 15550-15555.	13.7	55
29	The Longâ€Believed Sc₂@C_{2v}(17)â€“C₈₄ is Actually Sc₂C₂@C_{2v}(9)â€“C₈₂: Unambiguous Structure Assignment and Chemical Functionalization. Angewandte Chemie - International Edition, 2012, 51, 5889-5892.	13.8	55
30	Endohedral metallofullerenes: An unconventional coreâ€“shell coordination union. Coordination Chemistry Reviews, 2013, 257, 2880-2898.	18.8	55
31	Synthesis and Photophysical Properties of a Sc₃N@C₈₀â€“Corrole Electron Donorâ€“Acceptor Conjugate. Chemistry - A European Journal, 2015, 21, 746-752.	3.3	55
32	A Liâ€“Alâ€“O Solidâ€State Electrolyte with High Ionic Conductivity and Good Capability to Protect Li Anode. Advanced Functional Materials, 2020, 30, 1905949.	14.9	55
33	Fullerenes for rechargeable battery applications: Recent developments and future perspectives. Journal of Energy Chemistry, 2021, 55, 70-79.	12.9	54
34	Sc₂@C_{3v}(8)-C₈₂vs.Sc₂C₂@C_{3v}(8)-C₈₂: drastic effect of C₂capture on the redox properties of scandium metallofullerenes. Chemical Communications, 2012, 48, 1290-1292.	4.1	53
35	Where Does the Metal Cation Stay in Gd@C_{2v}(9)-C₈₂? A Single-Crystal X-ray Diffraction Study. Inorganic Chemistry, 2012, 51, 5270-5273.	4.0	52
36	Crystallographic characterization of Y₂C_{2n} (2n = 82, 88â€“94): direct Yâ€“Y bonding and cage-dependent cluster evolution. Chemical Science, 2019, 10, 4707-4713.	7.4	50

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37	Hiding and Recovering Electrons in a Dimetallic Endohedral Fullerene: Air-Stable Products from Radical Additions. Journal of the American Chemical Society, 2015, 137, 232-238.	13.7	49
38	Radical Derivatives of Insoluble La@C₇₄: Xâ€ray Structures, Metal Positions, and Isomerization. Angewandte Chemie - International Edition, 2011, 50, 6356-6359.	13.8	48
39	C₆₀-Decorated nickelâ€“cobalt phosphide as an efficient and robust electrocatalyst for hydrogen evolution reaction. Nanoscale, 2018, 10, 23070-23079.	5.6	47
40	Anomalous Compression of D₅(450)-C₁₀₀ by Encapsulating La₂C₂ Cluster instead of La₂. Journal of the American Chemical Society, 2015, 137, 10292-10296.	13.7	46
41	Oxygenâ€Delivery Materials: Synthesis of an Openâ€Cage Fullerene Derivative Suitable for Encapsulation of H₂O₂ and O₂. Angewandte Chemie - International Edition, 2018, 57, 14144-14148.	13.8	46
42	Endohedral Metallofullerenes: New Structures and Unseen Phenomena. Chemistry - A European Journal, 2020, 26, 5748-5757.	3.3	46
43	Stabilization of Giant Fullerenes C₂(41)-C₉₀, D₃(85)-C₉₂, C₁(132)-C₉₄, C₂(157)-C₉₆, and C₁(175)-C₉₈ by Encapsulation of a Large La₂C₂ Cluster: The Importance of Clusterâ€“Cage Matching. Journal of the American Chemical Society, 2017, 139, 4724-4728.	13.7	43
44	Facile Method toward Hierarchical Fullerene Architectures with Enhanced Hydrophobicity and Photoluminescence. ACS Applied Materials & Interfaces, 2015, 7, 20285-20291.	8.0	42
45	Regioselective Benzyl Radical Addition to an Open-Shell Cluster Metallofullerene. Crystallographic Studies of Cocrystallized Sc₃C₂@I_h-C₈₀ and Its Singly Bonded Derivative. Journal of the American Chemical Society, 2014, 136, 10534-10540.	13.7	41
46	An atomically precise all-tert-butylethynide-protected Ag₅₁ superatom nanocluster with color tunability. Nanoscale, 2018, 10, 18915-18919.	5.6	41
47	Crystallographic characterization of Lu₂C_{2n} (2nÂ= 76â€“90): cluster selection by cage size. Chemical Science, 2019, 10, 829-836.	7.4	41
48	Solution-grown large-area C60 single-crystal arrays as organic photodetectors. Carbon, 2018, 126, 299-304.	10.3	40
49	Isolation and Crystallographic Characterization of the Labile Isomer of Y@C₈₂ Cocrystallized with Ni(OEP): Unprecedented Dimerization of Pristine Metallofullerenes. Angewandte Chemie - International Edition, 2016, 55, 9234-9238.	13.8	38
50	Solvent-Mediated Shape Engineering of Fullerene (C₆₀) Polyhedral Microcrystals. Chemistry of Materials, 2018, 30, 7146-7153.	6.7	37
51	Crystallographic identification of Eu@C_{2n} (2n = 88, 86 and 84): completing a transformation map for existing metallofullerenes. Chemical Science, 2019, 10, 2153-2158.	7.4	37
52	La₂@C_s(17â€‰490)â€C₇₆: A New Nonâ€IPR Dimetallic Metallofullerene Featuring Unexpectedly Weak Metalâ€“Pentalene Interactions. Chemistry - A European Journal, 2013, 19, 17125-17130.	3.3	35
53	Facile Access to Y₂C₂n</sub> (2n = 92â€“130) and Crystallographic Characterization of Y₂C₂@C₁(1660)-C₁₀₈: A Giant Nanocapsule with a Linear Carbide Cluster. ACS Nano, 2018, 12, 2065-2069.	14.6	34
54	Trapping an unprecedented Ti₃C₃ unit inside the icosahedral C₈₀ fullerene: a crystallographic survey. Chemical Science, 2019, 10, 10925-10930.	7.4	33

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55	Isolation and Structural Characterization of Er@C_{2v}(9)-C₈₂ and Er@C_s(6)-C₈₂: Regioselective Dimerization of a Pristine Endohedral Metallofullerene Induced by Cage Symmetry. Inorganic Chemistry, 2019, 58, 2177-2182.	4.0	33
56	Sc₃N@I_h-C₈₀ as a novel Lewis acid to trap abnormal N-heterocyclic carbenes: the unprecedented formation of a singly bonded [6,6,6]-adduct. Chemical Science, 2016, 7, 2331-2334.	7.4	31
57	A Supramolecular Complex of C₆₀â€“S with Highâ€Density Active Sites as a Cathode for Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2021, 60, 14313-14318.	13.8	31
58	Structure-Directing Role of Phosphonate in the Synthesis of High-Nuclearity Silver(I) Sulfide-Ethynide-Thiolate Clusters. Inorganic Chemistry, 2017, 56, 10412-10417.	4.0	30
59	Molecular Structure and Chemical Property of a Divalent Metallofullerene Yb@C₂(13)-C₈₄. Journal of the American Chemical Society, 2013, 135, 12730-12735.	13.7	29
60	Crystallographic and Theoretical Investigations of Er₂@C_{2â€‰n} (2â€‰n=82, 84, 86): Indication of Distanceâ€Dependent Metalâ€“Metal Bonding Nature. Chemistry - A European Journal, 2019, 25, 11538-11544.	3.3	29
61	Isolation and Crystallographic Characterization of Lu₃N@C_{2n} (2n=80â€“88): Cage Selection by Cluster Size. Chemistry - A European Journal, 2018, 24, 16692-16698.	3.3	28
62	Oxometalate and phosphine ligand co-protected silver nanoclusters: Ag₂₈(dppb)₆(MO₄)₄ and Ag₃₂(dppb)₁₂(MO₄)₄(NO₃)₄. Nanoscale, 2020, 12, 1617-1622.	5.6	28
63	Fulleneâ€Intercalated Graphitic Carbon Nitride as a Highâ€Performance Anode Material for Sodiumâ€Ion Batteries. Energy and Environmental Materials, 2022, 5, 608-616.	12.8	28
64	Effective derivatization and extraction of insoluble missing lanthanum metallofullerenes La@C2n (nÂ=Â36â€“38) with iodobenzene. Carbon, 2016, 98, 67-73.	10.3	27
65	Fullerene/cobalt porphyrin charge-transfer cocrystals: Excellent thermal stability and high mobility. Nano Research, 2018, 11, 1917-1927.	10.4	27
66	Preferential Formation of Monoâ€Metallofullerenes Governed by the Encapsulation Energy of the Metal Elements: A Case Study on Eu@C_{2n} (2n=74â€“84) Revealing a General Rule. Angewandte Chemie - International Edition, 2020, 59, 5259-5262.	13.8	27
67	Tuning intramolecular electron and energy transfer processes in novel conjugates of La₂@C₈₀ and electron accepting subphthalocyanines. Chemical Communications, 2015, 51, 330-333.	4.1	26
68	Crystallographic Characterization of Er₂C₂@C_{80â€“88}: Cluster Stretching with Cage Elongation. Inorganic Chemistry, 2020, 59, 1940-1946.	4.0	26
69	Eu@C72: Computed Comparable Populations of Two Non-IPR Isomers. Molecules, 2017, 22, 1053.	3.8	25
70	Computed stabilization for a giant fullerene endohedral: Y2C2@C1(1660)-C108. Chemical Physics Letters, 2018, 710, 147-149.	2.6	25
71	Endohedral Metallofullerenes: An Ideal Platform of <scp>Subâ€Nano</scp> Chemistry. Chinese Journal of Chemistry, 2022, 40, 275-284.	4.9	25
72	The Unanticipated Dimerization of Ce@C_{2v}(9)â€“C₈₂ upon Coâ€crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric M@C_{2v}(9)â€“C₈₂ (M = La, Sc, and Y). Chemistry - A European Journal, 2016, 22, 18115-18122.	3.3	23

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73	Crystallographic characterization of Er₂C₂@C₂(43)-C₉₀, Er₂C₂@C₂(40)-C₉₀, Er₂C₂@C₂(44)-C₉₀, and Er₂C₂@C₁(21)-C₉₀: the role of cage-shape on cluster configuration. Nanoscale, 2019, 11, 17319-17326.	5.6	23
74	A Bent Tb₂C₂ Cluster Encaged in a C_S(6)-C₈₂ Cage: Synthesis, Isolation and X-ray Crystallographic Study. Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 215-226.	2.1	22
75	N,Sâ€Coâ€Doped Porous Carbon Nanofiber Films Derived from Fullerenes (C₆₀) as Efficient Electrocatalysts for Oxygen Reduction and a Znâ€“Air Battery. Chemistry - A European Journal, 2021, 27, 1423-1429.	3.3	22
76	Formation kinetics and photoelectrochemical properties of crystalline C₇₀ one-dimensional microstructures. RSC Advances, 2015, 5, 38202-38208.	3.6	21
77	Highâ€Nuclearity Heterometallic tertâ€Butylethynide Clusters Assembled with tertâ€Butylphosphonate. Chemistry - A European Journal, 2018, 24, 6762-6768.	3.3	21
78	Th-Based Endohedral Metallofullerenes: Anomalous Metal Position and Significant Metal-Cage Covalent Interactions with the Involvement of Th 5f Orbitals. Inorganic Chemistry, 2018, 57, 7142-7150.	4.0	21
79	Supramolecular Engineering of Crystalline Fullerene Microâ€/Nanoâ€Architectures. Advanced Materials, 2022, 34, e2200189.	21.0	20
80	Lu₂@C₈₂ Nanorods with Enhanced Photoluminescence and Photoelectrochemical Properties. ACS Applied Materials & Interfaces, 2017, 9, 28838-28843.	8.0	19
81	Highly regioselective complexation of tungsten with Eu@C₈₂/Eu@C₈₄: interplay between endohedral and exohedral metallic units induced by electron transfer. Chemical Science, 2019, 10, 4945-4950.	7.4	19
82	Adamantylidene Addition to M 3 N@ I h â€C 80 (M=Sc, Lu) and Sc 3 N@ D 5 h â€C 80 : Synthesis and Crystallographic Characterization of the [5,6]â€Open and [6,6]â€Open Adducts. Chemistry - A European Journal, 2017, 23, 6552-6561.	3.3	18
83	Evidence of Oxygen Activation in the Reaction between an N-Heterocyclic Carbene and M₃N@I_h(7)â€“C₈₀: An Unexpected Method of Steric Hindrance Release. Journal of Organic Chemistry, 2017, 82, 3500-3505.	3.2	18
84	Synthesis of an open-cage fullerene-based unidirectional H-bonding network and its coordination with titanium. Organic Chemistry Frontiers, 2019, 6, 1397-1402.	4.5	18
85	Regioselective Coordination of Re₂(CO)₁₀ to Y@C_{2v}(9)-C₈₂: An Unprecedented Î·¹ Complex Stabilized by Intramolecular Electron Transfer. Organometallics, 2019, 38, 2259-2263.	2.3	17
86	Twoâ€Dimensional Mesoporous Carbon Materials Derived from Fullerene Microsheets for Energy Applications. Chemistry - A European Journal, 2020, 26, 10811-10816.	3.3	17
87	Crystallographic characterization of Er₃N@C_{2n} (2n = 80, 82, 84, 88): the importance of a planar Er₃N cluster. Nanoscale, 2019, 11, 13415-13422.	5.6	16
88	Tuning electron transfer in supramolecular nano-architectures made of fullerenes and porphyrins. Nanoscale, 2019, 11, 10782-10790.	5.6	16
89	Calculations of the water-dimer encapsulations into C84. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 1-7.	2.1	15
90	Oxygenâ€Delivery Materials: Synthesis of an Openâ€Cage Fullerene Derivative Suitable for Encapsulation of H₂O₂ and O₂. Angewandte Chemie, 2018, 130, 14340-14344.	2.0	15

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91	W(CO)3(Ph2PC2H4PPh2)(Î·2-Sc3N@Ih-C80/Sc3N@D5h-C80): regioselective synthesis and crystallographic characterization of air-stable mononuclear complexes of endohedral fullerenes. Dalton Transactions, 2016, 45, 11606-11610.	3.3	14
92	Rigid Tether Directed Regioselective Synthesis and Crystallographic Characterization of Labile 1,2,3,4â€Bis(triazolino)[60]fullerene and Its Thermolized Derivatives. Angewandte Chemie - International Edition, 2016, 55, 11887-11891.	13.8	14
93	A computational characterization of CO@C₆₀. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 624-629.	2.1	14
94	Silver ethynide clusters constructed with fluorinated Î²-diketonate ligands. CrystEngComm, 2018, 20, 2036-2042.	2.6	14
95	Anion Templated Synthesis of Silver(I)-Ethynide Dithiophosphate Clusters. Crystal Growth and Design, 2018, 18, 4372-4377.	3.0	14
96	An experimental and theoretical study of LuNC@C_{76,82} revealing a cage-cluster selection rule. Inorganic Chemistry Frontiers, 2020, 7, 4563-4571.	6.0	14
97	Isolation and crystallographic characterization of Lu2C2@C2 (2nÂ= 88â€“92): Internal cluster stretching upon outer cage expansion. Carbon, 2020, 164, 157-163.	10.3	14
98	Highly Regioselective Addition of Adamantylidene Carbene to Yb@C_{2v}(3)â€C₈₀ to Afford the First Derivative of Divalent Metallofullerenes. Angewandte Chemie - International Edition, 2013, 52, 5142-5145.	13.8	13
99	Lewis Acidâ€“Base Adducts of Sc₂C₂@C_{3v}(8)-C₈₂/N-Heterocyclic Carbene: Toward Isomerically Pure Metallofullerene Derivatives. Inorganic Chemistry, 2017, 56, 14747-14750.	4.0	13
100	Calculated relative populations for the Eu@C82 isomers. Chemical Physics Letters, 2019, 726, 29-33.	2.6	13
101	Crystallographic Characterization of Ti₂C₂@D_{3h}(5)-C₇₈, Ti₂C₂@C_{3v}(8)-C₈₂, and Ti₂C₂@C_s(6)-C₈₂: Identification of Unsupported Ti₂C₂ Cluster with Cage-Dependent Configurations. Inorganic Chemistry, 2020, 59, 9416-9423.	4.0	13
102	High-rate sodium metal batteries enabled by trifluormethylfullerene additive. Nano Research, 2022, 15, 7172-7179.	10.4	13
103	Computed Relative Populations of D₂(22)â€C₈₄ Endohedrals with Encapsulated Monomeric and Dimeric Water. ChemPhysChem, 2016, 17, 1109-1111.	2.1	12
104	Sulfur rich electron donors â€“ formation of singlet versus triplet radical ion pair states featuring different lifetimes in the same conjugate. Chemical Science, 2017, 8, 1360-1368.	7.4	12
105	Reactions between N-Heterocyclic Carbene and Lutetiumâ€“Metallofullerenes: High Regioselectivity Directed by Electronic Effect in Addition to Steric Hindrance. Journal of Organic Chemistry, 2019, 84, 606-612.	3.2	12
106	Defect-rich N/S-co-doped porous hollow carbon nanospheres derived from fullerenes as efficient electrocatalysts for the oxygen-reduction reaction and Znâ€“air batteries. Materials Chemistry Frontiers, 2021, 5, 7873-7882.	5.9	12
107	Copper(I) Alkynyl Clusters with Crystallization-Induced Emission Enhancement. Inorganic Chemistry, 2021, 60, 13493-13499.	4.0	11
108	Noncovalently grafting sulfonic acid onto graphene oxide for improved hole transport in polymer solar cells. RSC Advances, 2014, 4, 53999-54006.	3.6	10

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109	Regioselective Synthesis and Crystallographic Characterization of Isoxazoline-Ring-Fused Derivatives of Sc₃N@I_h-C₈₀ and C₆₀. Inorganic Chemistry, 2016, 55, 4075-4077.	4.0	10
110	Calculations of the relative populations of Lu@C₈₂ isomers. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 710-714.	2.1	10
111	Nestlike Silver(I) Thiolate Clusters with Tunable Emission Color Templated by Heteroanions. Chemistry - A European Journal, 2021, 27, 1122-1126.	3.3	10
112	Imparting Î±-Borophene with High Work Function by Fluorine Adsorption: A First-Principles Investigation. Langmuir, 2021, 37, 11027-11040.	3.5	10
113	Endohedral Metallofullerenes. , 2014, , 1-15.		10
114	An unprecedented C₈₀ cage that violates the isolated pentagon rule. Inorganic Chemistry Frontiers, 2022, 9, 2264-2270.	6.0	10
115	Inâ€Depth Understanding of the Chemical Properties of Rarely Explored Carbide Cluster Metallofullerenes: A Case Study of Sc 2 C 2 @ C 3 v (8)â€C 82 that Reveals a General Rule. Chemistry - A European Journal, 2015, 21, 3449-3454.	3.3	9
116	Regioselective Cage Opening of La₂@D₂(10611)â€₇₂ with 5,6â€Diphenylâ€3â€(2â€pyridyl)â€1,2,4â€triazine. Angewandte Chemie - International Edition, 2015, 54, 2232-2235.	13.8	9
117	Intermolecular packing and charge transfer in metallofullerene/porphyrin cocrystals. Chemical Communications, 2019, 55, 6018-6021.	4.1	9
118	Three-Dimensional â€œStar of Davidâ€•Shaped Fullerene (C₆₀) Microstructures: Controlled Synthesis, Photoluminescence, and Photoelectrochemical Properties. ACS Applied Electronic Materials, 2020, 2, 2010-2016.	4.3	9
119	Er@C₈₂ as a Bifunctional Additive to the Spiroâ€OMeTAD Hole Transport Layer for Improving Performance and Stability of Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100463.	5.8	9
120	Stability issues in computational screening of carbon nanostructures: illustrations on La endohedrals. Molecular Simulation, 2017, 43, 1472-1479.	2.0	8
121	In Situ Observation of the Growth of ZnO Nanostructures Using Liquid Cell Electron Microscopy. Journal of Physical Chemistry C, 2018, 122, 875-879.	3.1	8
122	Assembly of Cu(I) Alkynyl Complexes: From Cluster to Infinite Cluster-Based Framework. Crystal Growth and Design, 2019, 19, 5791-5797.	3.0	8
123	Heterometallic Cluster Coordination Polymers Assembled from Cuprous-Halide Clusters and Organotinâ€“Oxygen Pyridinecarboxylate Clusters. Crystal Growth and Design, 2020, 20, 3795-3800.	3.0	8
124	A comparative study of [Ag₁₁(ⁱPrS)₉(dppb)₃]²⁺ and [Ag₁₅S(^sBuS)₁₂(dppb)₃]⁺: templating effect on structure and photoluminescence. Dalton Transactions, 2021, 50, 10561-10566.	3.3	8
125	Construction of Silver Clusters Capped by Zwitterionic Ethynide Ligands. Inorganic Chemistry, 2021, 60, 6276-6282.	4.0	8
126	Ultraviolet Photodetectors Based on Dimetallofullerene Lu₂@C_s(6)-C₈₂ Nanorods. ACS Applied Nano Materials, 2022, 5, 1683-1689.	5.0	8

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127	Defective porous carbon microrods derived from fullerenes (C₇₀) as high-performance electrocatalysts for the oxygen reduction reaction. Nanoscale, 2022, 14, 473-481.	5.6	8
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