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	Fullereneâ€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
2	A computational characterization of H₂O₂@C₆₀. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 258-262.	2.1	2
3	Endohedral Metallofullerenes: An Ideal Platform of <scp>Subâ€Nano</scp> Chemistry. Chinese Journal of Chemistry, 2022, 40, 275-284.	4.9	25
4	Construction of 1D and 3D rare crystalline infinite silver alkynyl assemblies using dicarboxylic acid as co-ligand and their luminescence properties. Polyhedron, 2022, 212, 115580.	2.2	1
5	Ultraviolet Photodetectors Based on Dimetallofullerene Lu₂@C_s(6)-C₈₂ Nanorods. ACS Applied Nano Materials, 2022, 5, 1683-1689.	5.0	8
6	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
7	An unprecedented C₈₀ cage that violates the isolated pentagon rule. Inorganic Chemistry Frontiers, 2022, 9, 2264-2270.	6.0	10
8	Compositing Fullerene-Derived Porous Carbon Fibers with Reduced Graphene Oxide for Enhanced ORR Catalytic Performance. Journal of Carbon Research, 2022, 8, 13.	2.7	1
9	Rubrene-Directed Structural Transformation of Fullerene (C60) Microsheets to Nanorod Arrays with Enhanced Photoelectrochemical Properties. Nanomaterials, 2022, 12, 954.	4.1	4
10	Supramolecular Engineering of Crystalline Fullerene Microâ€/Nanoâ€Architectures. Advanced Materials, 2022, 34, e2200189.	21.0	20
11	High-rate sodium metal batteries enabled by trifluormethylfullerene additive. Nano Research, 2022, 15, 7172-7179.	10.4	13
12	Cluster-Geometry-Associated Metalâ€“Metal Bonding in Trimetallic Carbide Clusterfullerenes. Inorganic Chemistry, 2022, 61, 11277-11283.	4.0	5
13	Fullerenes for rechargeable battery applications: Recent developments and future perspectives. Journal of Energy Chemistry, 2021, 55, 70-79.	12.9	54
14	Nestlike Silver(I) Thiolate Clusters with Tunable Emission Color Templated by Heteroanions. Chemistry - A European Journal, 2021, 27, 1122-1126.	3.3	10
15	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
16	Calculated relative populations for the Eu@C84 isomers. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 144-148.	2.1	5
17	Threeâ€Dimensional Cubic and Diceâ€Like Microstructures of Higher Fullerene C₇₈with Enhanced Photoelectrochemical and Photoluminescence Properties. Chemistry - A European Journal, 2021, 27, 348-353.	3.3	7
18	Connecting Fullerenes with Carbon Nanotubes and Graphene. , 2021, , 1-6.		0

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19	Controllable synthesis of porous tubular carbon by a Ag⁺-ligand-assisted StÃ¶ber-silica/carbon assembly process. Nanoscale, 2021, 13, 2534-2541.	5.6	2
20	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
21	Construction of Silver Clusters Capped by Zwitterionic Ethynide Ligands. Inorganic Chemistry, 2021, 60, 6276-6282.	4.0	8
22	A Supramolecular Complex of C₆₀â€“S with Highâ€Density Active Sites as a Cathode for Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2021, 133, 14434-14439.	2.0	5
23	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
24	Morphology Engineering of Fullerene[C 70] Microcrystals: From Perfect Cubes, Defective Hoppers to Novel Cruciformâ€Pillars. Chemistry - A European Journal, 2021, 27, 10387-10393.	3.3	3
25	Copper(I) Alkynyl Clusters with Crystallization-Induced Emission Enhancement. Inorganic Chemistry, 2021, 60, 13493-13499.	4.0	11
26	Stable Resistance Switching in Lu₃N@C₈₀ Nanowires Promoted by the Endohedral Effect: Implications for Single-Fullerene Motion Resistance Switching. ACS Applied Nano Materials, 2021, 4, 7935-7942.	5.0	7
27	Imparting Î±-Borophene with High Work Function by Fluorine Adsorption: A First-Principles Investigation. Langmuir, 2021, 37, 11027-11040.	3.5	10
28	Morphology Engineering of Fullerene (C60) Microstructures Featuring Surface Cracks with Enhanced Photoluminescence and Microscopic Recognition Properties. Chemistry - A European Journal, 2021, 27, 16212-16218.	3.3	1
29	Unexpected formation of 1,2- and 1,4-bismethoxyl Sc₃N@I_h-C₈₀ derivatives via regioselective anion addition: an unambiguous structural identification and mechanism study. Chemical Science, 2021, 12, 8123-8130.	7.4	5
30	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
31	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
32	Endohedral Metallofullerenes: New Structures and Unseen Phenomena. Chemistry - A European Journal, 2020, 26, 5748-5757.	3.3	46
33	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
34	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
35	Regioselective Synthesis, Crystallographic Characterization, and Electrochemical Properties of Pyrazoleâ€and Pyrroleâ€Ringâ€Fused Derivatives of Y 2 @ C 3 v (8)â€C 82. Chemistry - A European Journal, 2020, 26, 2464-2469.	3.3	5
36	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

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37	Metal-encapsulation induces a highly regioselective Bingelâ€“Hirsch reaction of the labile Y@C_s(6)-C₈₂. Chemical Communications, 2020, 56, 14357-14360.	4.1	6
38	Frontispiece: Endohedral Metallofullerenes: New Structures and Unseen Phenomena. Chemistry - A European Journal, 2020, 26, .	3.3	0
39	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
40	tert-Butyl thiol and pyridine ligand co-protected 50-nuclei clusters: the effect of pyridines on Agâ€“SR bonds. Dalton Transactions, 2020, 49, 12574-12580.	3.3	7
41	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
42	Silver nanoclusters: synthesis, structures and photoluminescence. Materials Chemistry Frontiers, 2020, 4, 2205-2222.	5.9	80
43	Twoâ€Dimensional Mesoporous Carbon Materials Derived from Fullerene Microsheets for Energy Applications. Chemistry - A European Journal, 2020, 26, 10811-10816.	3.3	17
44	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
45	Preferential Formation of Monoâ€Metallofullerenes Governed by the Encapsulation Energy of the Metal Elements: A Case Study on Eu@C 2 n (2 n =74â€“84) Revealing a General Rule. Angewandte Chemie, 2020, 132, 5297-5300.	2.0	2
46	Quantitative Monoâ€Formation and Crystallographic Characterization of Pyrazoleâ€•and Pyrroleâ€Ring Fused Derivatives of C₆₀. European Journal of Organic Chemistry, 2020, 2020, 1866-1870.	2.4	0
47	Eu@C86 isomers: Calculated relative populations. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 565-570.	2.1	7
48	Crystallographic Characterization of Er₂C₂@C_{80â€“88}: Cluster Stretching with Cage Elongation. Inorganic Chemistry, 2020, 59, 1940-1946.	4.0	26
49	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
50	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
51	Assembly of Cu(I) Alkynyl Complexes: From Cluster to Infinite Cluster-Based Framework. Crystal Growth and Design, 2019, 19, 5791-5797.	3.0	8
52	Calculations of the relative populations of Lu@C₈₂ isomers. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 710-714.	2.1	10
53	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
54	Dielsâ€“Alder Cycloaddition on Nonisolated-Pentagon-Rule C_{2v}(19â€“138)â€“C₇₆ and YNC@C_{2v}(19â€“138)â€“C₇₆: The Difference in Regioselectivity Caused by the Inner Metallic Cluster. Journal of Organic Chemistry, 2019, 84, 14571-14578.	3.2	6

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55	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
56	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
57	Crystallographic characterization of Lu₂C_{2n} (2nÂ= 76â€“90): cluster selection by cage size. Chemical Science, 2019, 10, 829-836.	7.4	41
58	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
59	Tuning electron transfer in supramolecular nano-architectures made of fullerenes and porphyrins. Nanoscale, 2019, 11, 10782-10790.	5.6	16
60	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
61	Calculated relative populations for the Eu@C82 isomers. Chemical Physics Letters, 2019, 726, 29-33.	2.6	13
62	Intermolecular packing and charge transfer in metallofullerene/porphyrin cocrystals. Chemical Communications, 2019, 55, 6018-6021.	4.1	9
63	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
64	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
65	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
66	Controllable Synthesis of Sc₃N@C₇₈ Microspindles with Excellent Electrophotonic Properties. ACS Applied Energy Materials, 2019, 2, 1489-1493.	5.1	7
67	Trapping an unprecedented Ti₃C₃ unit inside the icosahedral C₈₀ fullerene: a crystallographic survey. Chemical Science, 2019, 10, 10925-10930.	7.4	33
68	Hybrid Rare-Earth(III)/Bismuth(III) Clusters Assembled with Phosphonates. Inorganic Chemistry, 2019, 58, 648-654.	4.0	7
69	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
70	Isolation and Structural Characterization of Er@C₂v</sub>(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
71	Calculations of the Lu₃N@C₈₀ two-isomer equilibrium. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 382-386.	2.1	6
72	Highâ€Nuclearity Heterometallic tertâ€Butylethynide Clusters Assembled with tertâ€Butylphosphonate. Chemistry - A European Journal, 2018, 24, 6762-6768.	3.3	21

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73	Bonding inside and outside Fullerene Cages. Accounts of Chemical Research, 2018, 51, 810-815.	15.6	95
74	Silver ethynide clusters constructed with fluorinated Î²-diketonate ligands. CrystEngComm, 2018, 20, 2036-2042.	2.6	14
75	Facile Access to Y₂C_{2n} (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
76	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
77	Solution-grown large-area C60 single-crystal arrays as organic photodetectors. Carbon, 2018, 126, 299-304.	10.3	40
78	Fullerene/cobalt porphyrin charge-transfer cocrystals: Excellent thermal stability and high mobility. Nano Research, 2018, 11, 1917-1927.	10.4	27
79	C₆₀-Decorated nickelâ€“cobalt phosphide as an efficient and robust electrocatalyst for hydrogen evolution reaction. Nanoscale, 2018, 10, 23070-23079.	5.6	47
80	An atomically precise all-tert-butylethynide-protected Ag₅₁ superatom nanocluster with color tunability. Nanoscale, 2018, 10, 18915-18919.	5.6	41
81	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
82	Solvent-Mediated Shape Engineering of Fullerene (C₆₀) Polyhedral Microcrystals. Chemistry of Materials, 2018, 30, 7146-7153.	6.7	37
83	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
84	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
85	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
86	One Second Formation of Large Area Graphene on a Conical Tip Surface via Direct Transformation of Surface Carbide. Small, 2018, 14, e1801288.	10.0	3
87	Anion Templated Synthesis of Silver(I)-Ethynide Dithiophosphate Clusters. Crystal Growth and Design, 2018, 18, 4372-4377.	3.0	14
88	Computed stabilization for a giant fullerene endohedral: Y2C2@C1(1660)-C108. Chemical Physics Letters, 2018, 710, 147-149.	2.6	25
89	High-nuclearity silver ethynide clusters containing polynucleating oxygen donor ligands. Dalton Transactions, 2018, 47, 12972-12978.	3.3	7
90	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

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91	Adamantylidene Addition to M 3 N@ I h â€Ć 80 (M=Sc, Lu) and Sc 3 N@ D 5 h â€Ć 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
92	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
93	A computational characterization of CO@C₆₀. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 624-629.	2.1	14
94	Lu₂@C₈₂ Nanorods with Enhanced Photoluminescence and Photoelectrochemical Properties. ACS Applied Materials & Interfaces, 2017, 9, 28838-28843.	8.0	19
95	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
96	Investigation of the crystallization behaviors in a sub-micron space using carbon nanocones. RSC Advances, 2017, 7, 50688-50692.	3.6	0
97	Stability issues in computational screening of carbon nanostructures: illustrations on La endohedrals. Molecular Simulation, 2017, 43, 1472-1479.	2.0	8
98	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
99	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
100	High-nuclearity silver(I) chalcogenide clusters: A novel class of supramolecular assembly. Coordination Chemistry Reviews, 2017, 331, 54-72.	18.8	129
101	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
102	Eu@C72: Computed Comparable Populations of Two Non-IPR Isomers. Molecules, 2017, 22, 1053.	3.8	25
103	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
104	Computed Relative Populations of D₂(22)â€Ć₈₄ Endohedrals with Encapsulated Monomeric and Dimeric Water. ChemPhysChem, 2016, 17, 1109-1111.	2.1	12
105	Isolation and Crystallographic Characterization of the Labile Isomer of Y@C₈₂ Cocrystallized with Ni(OEP): Unprecedented Dimerization of Pristine Metallofullerenes. Angewandte Chemie, 2016, 128, 9380-9384.	2.0	6
106	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
107	Rigid Tether Directed Regioselective Synthesis and Crystallographic Characterization of Labile 1,2,3,4-Bis(triazolino)[60]fullerene and Its Thermolized Derivatives. Angewandte Chemie, 2016, 128, 12066-12070.	2.0	1
108	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

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109	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
110	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
111	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
112	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
113	Crystallographic Evidence for Direct Metalâ€“Metal Bonding in a Stable Openâ€Shell La₂@I_hâ€C₈₀ Derivative. Angewandte Chemie, 2016, 128, 4314-4318.	2.0	6
114	Crystallographic Evidence for Direct Metalâ€“Metal Bonding in a Stable Openâ€Shell La₂@I_hâ€C₈₀ Derivative. Angewandte Chemie - International Edition, 2016, 55, 4242-4246.	13.8	56
115	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
116	Tapered carbon nanocone tips obtained by dynamic oxidation in air. RSC Advances, 2016, 6, 25541-25548.	3.6	7
117	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
118	Effective derivatization and extraction of insoluble missing lanthanum metallofullerenes La@C2n (nÂ=Â36â€“38) with iodobenzene. Carbon, 2016, 98, 67-73.	10.3	27
119	Calculations of the water-dimer encapsulations into C84. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 1-7.	2.1	15
120	A Highâ€Performance Supercapacitor Based on KOH Activated 1D C₇₀ Microstructures. Advanced Energy Materials, 2015, 5, 1500871.	19.5	65
121	Highâ€Nuclearity Silver Thiolate Clusters Constructed with Phosphonates. Angewandte Chemie - International Edition, 2015, 54, 15176-15180.	13.8	78
122	Regioselective Thermal Reaction between Triethylamine and C₆₀ Revisited: Xâ€ray Confirmation of the Pentaneâ€Fused Adduct and in Situ Mechanism Study. European Journal of Organic Chemistry, 2015, 2015, 5742-5746.	2.4	7
123	Supercapacitors: A High-Performance Supercapacitor Based on KOH Activated 1D C70Microstructures (Adv. Energy Mater. 22/2015). Advanced Energy Materials, 2015, 5, n/a-n/a.	19.5	0
124	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
125	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
126	Formation kinetics and photoelectrochemical properties of crystalline C₇₀ one-dimensional microstructures. RSC Advances, 2015, 5, 38202-38208.	3.6	21

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127	Facile Method toward Hierarchical Fullerene Architectures with Enhanced Hydrophobicity and Photoluminescence. ACS Applied Materials & Interfaces, 2015, 7, 20285-20291.	8.0	42
128	Regioselective Cage Opening of La₂@D₂(10611)â€“C₇₂ with 5,6â€Diphenylâ€3â€(2â€pyridyl)â€1,2,4â€triazine. Angewandte Chemie - International Edition, 2015, 54, 2232-2235.	13.8	9
129	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
130	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
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