

Takatsugu Wakahara

List of Publications by Year in descending order

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papers

6,429
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44069

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all docs

162
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162
times ranked

2913
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Separation of Metallic and Semiconducting Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2005, 127, 10287-10290.	13.7	304
2	Structural Determination of Metallofullerene Sc ₃ C ₈₂ Revisited: A Surprising Finding. Journal of the American Chemical Society, 2005, 127, 12500-12501.	13.7	245
3	La@C ₈₂ Anion. An Unusually Stable Metallofullerene. Journal of the American Chemical Society, 2000, 122, 9316-9317.	13.7	208
4	La@C ₇₂ Having a Non-IPR Carbon Cage. Journal of the American Chemical Society, 2006, 128, 14228-14229.	13.7	193
5	Selective Interaction of Large or Charge-Transfer Aromatic Molecules with Metallic Single-Wall Carbon Nanotubes: A Critical Role of the Molecular Size and Orientation. Journal of the American Chemical Society, 2006, 128, 5114-5118.	13.7	168
6	Isolation and Characterization of a Carbene Derivative of La@C ₈₂ . Journal of the American Chemical Society, 2004, 126, 6858-6859.	13.7	163
7	Missing Metallofullerene La@C ₇₄ . Journal of the American Chemical Society, 2005, 127, 9684-9685.	13.7	145
8	Structural Determination of the La@C ₈₂ Isomer. Journal of Physical Chemistry B, 2001, 105, 2971-2974.	2.6	134
9	Chemical Reactivity of Sc ₃ N@C ₈₀ and La ₂ @C ₈₀ . Journal of the American Chemical Society, 2005, 127, 9956-9957.	13.7	134
10	Positional Control of Encapsulated Atoms Inside a Fullerene Cage by Exohedral Addition. Journal of the American Chemical Society, 2005, 127, 14570-14571.	13.7	124
11	Experimental and Theoretical Studies of the Scandium Carbide Endohedral Metallofullerene Sc ₂ C ₂ @C ₈₂ and Its Carbene Derivative. Angewandte Chemie - International Edition, 2007, 46, 5562-5564.	13.8	122
12	Fullerene/Cobalt Porphyrin Hybrid Nanosheets with Ambipolar Charge Transporting Characteristics. Journal of the American Chemical Society, 2012, 134, 7204-7206.	13.7	119
13	Dispersion and Separation of Small-Diameter Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2006, 128, 12239-12242.	13.7	118
14	Synthesis and Structural Characterization of Endohedral Pyrrolidinodimetallofullerene: La ₂ @C ₈₀ (CH ₂) ₂ N. Journal of the American Chemical Society, 2006, 128, 1402-1403.	13.7	109
15	Preparation and Optical Properties of Fullerene/Ferrocene Hybrid Hexagonal Nanosheets and Large-Scale Production of Fullerene Hexagonal Nanosheets. Journal of the American Chemical Society, 2009, 131, 9940-9944.	13.7	107
16	Isolation and characterization of two Pr@C ₈₂ isomers. Chemical Physics Letters, 2000, 319, 153-156.	2.6	102
17	Dispersion of Single-Walled Carbon Nanotube Bundles in Nonaqueous Solution. Journal of Physical Chemistry B, 2004, 108, 18395-18397.	2.6	102
18	Metal Atoms Collinear with the Spiro Carbon of 6,6-Open Adducts, M ₂ @C ₈₀ (Ad) (M = La and Ce, Ad = Adamantylidene). Journal of the American Chemical Society, 2008, 130, 1171-1176.	13.7	100

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19	¹³ C NMR spectroscopic study of scandium dimetallofullerene, Sc ₂ @C ₈₄ vs. Sc ₂ C ₂ @C ₈₂ . Chemical Communications, 2006, , 2057.	4.1	97
20	Isolation, Characterization, and Theoretical Study of La ₂ @C ₇₈ . Journal of the American Chemical Society, 2004, 126, 9164-9165.	13.7	96
21	Does Gd@C ₈₂ Have an Anomalous Endohedral Structure? Synthesis and Single Crystal X-ray Structure of the Carbene Adduct. Journal of the American Chemical Society, 2008, 130, 12840-12841.	13.7	95
22	Characterization of Ce@C ₈₂ and Its Anion. Journal of the American Chemical Society, 2004, 126, 4883-4887.	13.7	93
23	A Singly Bonded Derivative of Endohedral Metallofullerene: La@C ₈₂ Br(COOC ₂ H ₅) ₂ . Journal of the American Chemical Society, 2005, 127, 17136-17137.	13.7	92
24	Synthesis and Characterization of a Bisadduct of La@C ₈₂ . Journal of the American Chemical Society, 2006, 128, 5990-5991.	13.7	87
25	Characterization of the Bis-Silylated Endofullerene Sc ₃ N@C ₈₀ . Journal of the American Chemical Society, 2006, 128, 9919-9925.	13.7	84
26	Nanorods of Endohedral Metallofullerene Derivative. Journal of the American Chemical Society, 2008, 130, 450-451.	13.7	75
27	Spectroscopic and Theoretical Study of Endohedral Dimetallofullerene Having a Non-IPR Fullerene Cage: Ce ₂ @C ₇₂ . Journal of Physical Chemistry A, 2008, 112, 7627-7631.	2.5	74
28	Observation of ¹³ Câ€¦NMR Chemical Shifts of Metal Carbides Encapsulated in Fullerenes: Sc ₂ C ₂ @C ₈₂ , Sc ₂ C ₂ @C ₈₄ , and Sc ₃ C ₂ @C ₈₀ . Angewandte Chemie - International Edition, 2008, 47, 7905-7908.	13.8	71
29	La ₂ @C ₈₀ : is the circular motion of two La atoms controllable by exohedral addition?. Chemical Physics Letters, 2003, 374, 562-566.	2.6	69
30	Location of the metal atoms in Ce ₂ @C ₇₈ and its bis-silylated derivative. Chemical Communications, 2008, , 558-560.	4.1	69
31	Ionization and structural determination of the major isomer of Pr@C ₈₂ . Chemical Physics Letters, 2002, 360, 235-239.	2.6	65
32	Supramolecular Dynamics of Cyclic[6]Paraphenyleneacetylene Complexes with [60]- and [70]Fullerene Derivatives: Electronic and Structural Effects on Complexation. Angewandte Chemie - International Edition, 2004, 43, 5060-5062.	13.8	64
33	Analysis of Lanthanide-Induced NMR Shifts of the Ce@C ₈₂ Anion. Journal of the American Chemical Society, 2006, 128, 1400-1401.	13.7	63
34	Radical Coupling Reaction of Paramagnetic Endohedral Metallofullerene La@C ₈₂ . Journal of the American Chemical Society, 2008, 130, 16224-16230.	13.7	63
35	Reversible and Regioselective Reaction of La@C ₈₂ with Cyclopentadiene. Journal of the American Chemical Society, 2005, 127, 12190-12191.	13.7	61
36	Reversible Binding of C ₆₀ to an Anthracene Bearing a Dendritic Poly(amidoamine) Substituent to give a Water-Soluble Fullerodendrimer This work was partly supported by The Nissan Science Foundation, The Japan Space Forum Foundation, Grant-in-Aid for COE Research (No. 10CE2003), and Priority-Area-Research (B) (No. 12129205) by the Ministry of Education, Science, Sports, and Culture of Japan.. Angewandte Chemie - International Edition, 2002, 41, 817.	13.8	59

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37	Photochemical Bissilylation of C60 with Disilane. <i>Journal of Organic Chemistry</i> , 1999, 64, 566-569.	3.2	57
38	Assignment of the Fine Structure in the Optical Absorption Spectra of Soluble Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12082-12087.	2.6	56
39	Supramolecular complexes of La@C82 with unsaturated thiocrown ethers. <i>Chemical Communications</i> , 2006, , 3585.	4.1	56
40	The Bingel Monoadducts of La@C82: Synthesis, Characterization, and Electrochemistry. <i>Chemistry - A European Journal</i> , 2006, 12, 5578-5586.	3.3	55
41	Lanthanum Endohedral Metallofulleropyrrolidines: Synthesis, Isolation, and EPR Characterization. <i>Chemistry - A European Journal</i> , 2004, 10, 716-720.	3.3	54
42	Chemical Reactivities of the Cation and Anion of M@C82 (M = Y, La, and Ce). <i>Journal of the American Chemical Society</i> , 2005, 127, 2143-2146.	13.7	54
43	Host-Guest Complexation of Endohedral Metallofullerene with Azacrown Ether and Its Application. <i>Journal of the American Chemical Society</i> , 2006, 128, 6699-6703.	13.7	54
44	Synthesis and Characterization of Exohedrally Silylated M@C82 (M = Y and La). <i>Journal of Physical Chemistry B</i> , 2005, 109, 6049-6051.	2.6	53
45	Two-dimensional hopping motion of encapsulated La atoms in silylated La2@C80. <i>Chemical Communications</i> , 2007, , 2680.	4.1	53
46	Reduction of Endohedral Metallofullerenes: A Convenient Method for Isolation. <i>Chemistry of Materials</i> , 2004, 16, 4343-4346.	6.7	52
47	Fullerodendron-assisted Dispersion of Single-walled Carbon Nanotubes via Noncovalent Functionalization. <i>Chemistry Letters</i> , 2005, 34, 1608-1609.	1.3	52
48	Facile and reversible synthesis of an acidic water-soluble poly(amidoamine) fullerodendrimer. <i>Tetrahedron Letters</i> , 2003, 44, 5777-5780.	1.4	49
49	Nondestructive and High-Recovery-Yield Purification of Single-Walled Carbon Nanotubes by Chemical Functionalization. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8848-8854.	2.6	49
50	Photolysis of Diazirines in the Presence of C60: A Chemical Probe for Carbene/Diazomethane Partitioning. <i>Journal of the American Chemical Society</i> , 2000, 122, 7134-7135.	13.7	48
51	C60 field effect transistor with electrodes modified by La@C82. <i>Chemical Physics Letters</i> , 2004, 400, 235-238.	2.6	44
52	Preparation of Phthalocyanines with Eight Benzylchalcogeno Substituents from 5,6-Dibromo-4,7-diethylbenzo[1,2,3]trichalcogenoles. <i>Journal of Organic Chemistry</i> , 2004, 69, 4716-4723.	3.2	44
53	Structural characterization of Y@C82. <i>Chemical Physics Letters</i> , 2005, 405, 274-277.	2.6	43
54	Selective Extraction and Purification of Endohedral Metallofullerene from Carbon Soot. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22517-22520.	2.6	43

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55	Structure determination of a missing-caged metallofullerene: Yb@C74 (II) and the dynamic motion of the engaged ytterbium ion. <i>Chemical Physics Letters</i> , 2006, 419, 44-47.	2.6	42
56	Isolation and Characterization of Carbene Derivatives of La@C ₈₂ (<i>C₂s</i>). <i>Journal of Physical Chemistry A</i> , 2008, 112, 1294-1297.	2.5	42
57	Adsorption configuration of NH ₃ on single-wall carbon nanotubes. <i>Chemical Physics Letters</i> , 2005, 405, 90-92.	2.6	41
58	2D NMR Characterization of the La@C ₈₂ Anion. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3282-3285.	13.8	41
59	Centrifugal purification of chemically modified single-walled carbon nanotubes. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 571-581.	6.1	39
60	Superconducting Fullerene Nanowhiskers. <i>Molecules</i> , 2012, 17, 4851-4859.	3.8	38
61	Novel Metal-Free Bis-silylation: C ₆₀ -Sensitized Reaction of Disilirane with Benzonitrile. <i>Organic Letters</i> , 1999, 1, 1509-1512.	4.6	37
62	Preparation and Electrochemical and Optical Properties of Unsymmetrically Substituted Phthalocyanines with One or Two Trithiole Rings and Related Symmetric Derivatives. <i>Inorganic Chemistry</i> , 2008, 47, 3577-3583.	4.0	37
63	Spin-Site Exchange System Constructed from Endohedral Metallofullerenes and Organic Donors. <i>Journal of the American Chemical Society</i> , 2006, 128, 14418-14419.	13.7	35
64	Photoinduced Dithiolation of Fullerene[60] with Dendrimer Disulfide. <i>Chemistry Letters</i> , 2003, 32, 1124-1125.	1.3	33
65	Chemical reactivity and redox property of Sc ₃ @C ₈₂ . <i>Chemical Physics Letters</i> , 2004, 398, 553-556.	2.6	33
66	A Nonspectroscopic Method To Determine the Photolytic Decomposition Pathways of 3-Chloro-3-alkyldiazirine: Carbene, Diazo and Rearrangement in Excited State. <i>Journal of the American Chemical Society</i> , 2002, 124, 9465-9468.	13.7	32
67	Effect of Substituents on the Thermal Decomposition of Diazirines: Experimental and Computational Studies. <i>Journal of Organic Chemistry</i> , 2003, 68, 7471-7478.	3.2	32
68	A comparison of the photochemical reactivity of N@C ₆₀ and C ₆₀ : photolysis with disilirane Electronic supplementary information (ESI) available: experimental results. See http://www.rsc.org/suppdata/cc/b3/b309470g/ . <i>Chemical Communications</i> , 2003, , 2940.	4.1	30
69	Simple purification and selective enrichment of metallic SWCNTs produced using the arc-discharge method. <i>Carbon</i> , 2008, 46, 1563-1569.	10.3	30
70	Preparation of endohedral metallofullerene nanowhiskers and nanosheets. <i>Carbon</i> , 2010, 48, 3359-3363.	10.3	30
71	Diameter controlled growth of fullerene nanowhiskers and their optical properties. <i>Carbon</i> , 2011, 49, 4644-4649.	10.3	29
72	A First Photochemical Bis-germylation of C ₆₀ with Digermirane. <i>Organic Letters</i> , 2000, 2, 2671-2674.	4.6	27

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73	Preparation and superconductivity of potassium-doped fullerene nanowhiskers. <i>Materials Research Bulletin</i> , 2013, 48, 343-345.	5.2	27
74	Structure of La ₂ @C ₈₀ studied by La K-edge XAFS. <i>Chemical Physics Letters</i> , 2001, 335, 163-169.	2.6	26
75	Synthesis and Characterization of Tetrakis-Silylated C ₆₀ Isomers. <i>Journal of Organic Chemistry</i> , 2003, 68, 6791-6794.	3.2	25
76	Silylation of fullerenes with active species in photolysis of polysilane. <i>Journal of Organometallic Chemistry</i> , 2003, 685, 177-188.	1.8	24
77	S-Heterocyclic Carbene with a Disilane Backbone. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7567-7570.	13.8	24
78	Preparation and Electrochemical Properties of 1,4,8,11,15,18,22,25-Octalkylphthalocyanines Containing Four Trithiole Rings. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1262-1270.	2.4	24
79	Construction of a Metallofullerene La@C ₈₂ /Artificial Lipid Film-Modified Electrode Device and Its Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3523-3525.	2.6	23
80	Silylation of higher fullerenes Electronic supplementary information (ESI) available: Experimental Section. See http://www.rsc.org/suppdata/jm/b2/b201118b/ . <i>Journal of Materials Chemistry</i> , 2002, 12, 2061-2064.	6.7	23
81	Synthesis and Characterization of Dilithium 1,2-Disilaacenaphthenediide. <i>Organometallics</i> , 1994, 13, 4683-4685.	2.3	22
82	Evolution of the Electronic Properties of Metallic Single-Walled Carbon Nanotubes with the Degree of CCl ₂ Covalent Functionalization. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5655-5658.	2.6	21
83	One-Dimensional Fullerene/Porphyrin Cocrystals: Near-Infrared Light Sensing through Component Interactions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2878-2883.	8.0	21
84	Endohedrally Metal-Doped Heterofullerenes: La@C ₈₁ N and La ₂ @C ₇₉ N. <i>Chemistry Letters</i> , 1999, 28, 945-946.	1.3	20
85	Structural evolution of [2+1] cycloaddition derivatives of single-wall carbon nanotubes: From open structure to closed three-membered ring structure with increasing tube diameter. <i>Computational and Theoretical Chemistry</i> , 2005, 725, 255-257.	1.5	20
86	Spectroscopic study on the centrifugal fractionation of soluble single-walled carbon nanotubes. <i>Carbon</i> , 2005, 43, 2750-2759.	10.3	19
87	Preparation of Single-Walled Carbon Nanotube-Organosilicon Hybrids and Their Enhanced Field Emission Properties. <i>Chemistry of Materials</i> , 2006, 18, 4205-4208.	6.7	18
88	Formation and photoinduced properties of zinc porphyrin-SWCNT and zinc phthalocyanine-SWCNT nanohybrids using diameter sorted nanotubes assembled via metal-ligand coordination and π-π stacking. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1033-1043.	0.8	18
89	Photoinduced charge separation in three-layer supramolecular nanohybrids: fullerene-porphyrin-SWCNT. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2940.	2.8	18
90	Large elastic deformation of C ₆₀ nanowhiskers. <i>Carbon</i> , 2020, 169, 65-72.	10.3	16

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91	Photochemical bis-silylation of C ₆₀ : synthesis of a novel C ₆₀ main chain polysilane. Journal of Organometallic Chemistry, 2000, 611, 78-84.	1.8	15
92	Photochemical Cycloaddition of C ₇₈ with Disilirane. Chemistry Letters, 2001, 30, 974-975.	1.3	15
93	Synthesis and Characterization of Cyclic Silicon Compounds of Fullerenes. Current Organic Chemistry, 2003, 7, 927-943.	1.6	15
94	Influence of the solution volume on the growth of C ₆₀ nanowhiskers. Journal of Crystal Growth, 2014, 405, 68-72.	1.5	15
95	Reaction of Hydrosilanes with Lithium. Formation of Silole Anions from 1-Methylsilole via Carbodianion. Chemistry Letters, 1997, 26, 1179-1180.	1.3	14
96	Transient Spectroscopic Properties of Endohedral Metallofullerenes, La@C ₈₂ and La ₂ @C ₈₀ . Chemistry Letters, 2000, 29, 902-903.	1.3	14
97	Photo-labeling of C ₆₀ with 3-trifluoromethyl-3-phenyldiazirine. Tetrahedron Letters, 2007, 48, 6290-6293.	1.4	14
98	Photophysical and photochemical properties of bis-silylated C ₆₀ derivatives. Physical Chemistry Chemical Physics, 1999, 1, 3527-3531.	2.8	13
99	UV-Visible and NMR Spectroscopic Studies of Disilanylene 1,2-Dianions. Questions of Charge Delocalization of Silyl Anions. Bulletin of the Chemical Society of Japan, 1997, 70, 665-670.	3.2	12
100	N@C ₆₀ as a structural probe for fullerene nanomaterials. Carbon, 2012, 50, 1709-1712.	10.3	12
101	C ₆₀ -Nanowire Two-State Resistance Switching Based on Fullerene Polymerization/Depolymerization. ACS Applied Nano Materials, 2021, 4, 820-825.	5.0	12
102	A verification of the photolytic decomposition pathways of 3-tert-butyl-3-chlorodiazirine based on the application of the C ₆₀ probe technique. Tetrahedron Letters, 2004, 45, 6321-6322.	1.4	11
103	Vibrational Spectroscopy of Endohedral Dimetallofullerene, La ₂ @C ₈₀ . Chemistry Letters, 2000, 29, 524-525.	1.3	10
104	A new method for separating the D _{3h} and C _{2v} isomers of C ₇₈ . New Journal of Chemistry, 2009, 33, 497-500.	2.8	10
105	Improved fullerene nanofiber electrodes used in direct methanol fuel cells. Journal of Physics: Conference Series, 2009, 159, 012023.	0.4	10
106	Electrochemical Characterization of Catalytic Activities of C ₆₀ Nanowhiskers to Oxygen Reduction in Aqueous Solution. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 509-512.	2.1	10
107	C ₆₀ -sensitized bis-silylation of nitrile and carbonyl compounds with disilirane. Journal of Organometallic Chemistry, 2000, 611, 414-419.	1.8	9
108	Preparation of Composite Films of a Conjugated Polymer and C ₆₀ NWs and Their Photovoltaic Application. Journal of Nanomaterials, 2016, 2016, 1-5.	2.7	9

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109	Silylfullerenes.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2000, 58, 1066-1076.	0.1	9
110	Photoinduced electron-transfer reaction between C60 and cyclic silicon compounds. Journal of Organometallic Chemistry, 2000, 599, 216-220.	1.8	8
111	Superconductivity in alkali-doped fullerene nanowhiskers. Journal of Physics Condensed Matter, 2016, 28, 354003.	1.8	8
112	XAFS study on metal endohedral fullerenes. Journal of Synchrotron Radiation, 2001, 8, 551-553.	2.4	7
113	Chemical Properties of Endohedral Metallo-Fullerene and Its Ions. Developments in Fullerece Science, 2002, , 231-251.	0.5	7
114	EXTRACTION OF METALLIC NANOTUBES OF ZEOLITE-SUPPORTED SINGLE-WALLED CARBON NANOTUBES SYNTHESIZED FROM ALCOHOL. Nano, 2007, 02, 221-226.	1.0	7
115	Determination of the photolytic decomposition pathways of benzylchlorodiazirine by C60 probe technique. Tetrahedron Letters, 2007, 48, 859-861.	1.4	7
116	Stable Resistance Switching in Lu ₃ N@C ₈₀ Nanowires Promoted by the Endohedral Effect: Implications for Single-Fullerene Motion Resistance Switching. ACS Applied Nano Materials, 2021, 4, 7935-7942.	5.0	7
117	Silylene-transfer reactions of cyclic organosilanes induced by phenanthraquinone triplet. Journal of Organometallic Chemistry, 2001, 636, 63-68.	1.8	6
118	Synthesis and characterization of Co(II), Ni(II), and Cu(II) complexes containing an eight-membered disulfanenitrile chelating ring. Inorganica Chimica Acta, 2008, 361, 2540-2546.	2.4	6
119	ORGANIC-METAL-DOPED FULLERENE NANOWHISKERS. Nano, 2008, 03, 351-354.	1.0	6
120	Nanoarchitectonics of C70 hexagonal nanosheets: Synthesis and charge transport properties. Diamond and Related Materials, 2022, 128, 109217.	3.9	6
121	Photophysical and Photochemical Properties of The La@C82Anion. Chemistry Letters, 2005, 34, 1600-1601.	1.3	5
122	Growth and FIB-SEM analyses of C60 microtubes vertically synthesized on porous alumina membranes. Journal of Crystal Growth, 2014, 388, 5-11.	1.5	5
123	Synthesis and Optical Properties of Layered Inorganic-Imidazoline Monoliths. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 745-757.	3.7	5
124	Ambipolar to Unipolar Irreversible Switching in Nanosheet Transistors: The Role of Ferrocene in Fullerene/Ferrocene Nanosheets. Journal of Materials Chemistry C, 0, , .	5.5	5
125	The stability of singly and multiply charged La@C80 and La@C82 ions determined from kinetic energy release measurements. International Journal of Mass Spectrometry, 2006, 249-250, 396-402.	1.5	4
126	Synthesis and structural analysis of C60@C70 two-component fullerene nanowhiskers. Journal of Crystal Growth, 2015, 416, 41-46.	1.5	4

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127	Precise Raman measurements of C ₆₀ fullerene nanowhiskers synthesized using the liquid-liquid interfacial precipitation method. Transactions of the Materials Research Society of Japan, 2016, 41, 289-295.	0.2	4
128	A dramatic improvement in the tensile strength of fullerene needle-like crystals. New Carbon Materials, 2018, 33, 310-315.	6.1	4
129	Optimization of the liquid-liquid interfacial precipitation method for the synthesis of C ₆₀ nanotubes. Bulletin of Materials Science, 2018, 41, 1.	1.7	4
130	Encapsulation of radioactive metals inside multilayered polyhedral shells of carbon as a barrier to radionuclide release. Progress in Nuclear Energy, 2005, 47, 616-623.	2.9	3
131	Tree-shaped C ₆₀ /C ₆₀ -ferrocene crystals by Kinetically Controlled LLIP Process. Journal of Physics: Conference Series, 2009, 159, 012011.	0.4	3
132	The Influence of Water and Temperature on the Solubility of C ₆₀ in Pyridine Solution. Journal of Solution Chemistry, 2016, 45, 1158-1170.	1.2	3
133	Fullerene Nanostructure-Coated Channels Activated by Electron Beam Lithography for Resistance Switching. ACS Applied Nano Materials, 2022, 5, 6430-6437.	5.0	3
134	Fullerene Hybrid Nanomaterials and Their Application in Photovoltaics. , 2019, , 247-265.		2
135	Fullerene C ₇₀ /porphyrin hybrid nanoarchitectures: single-cocrystal nanoribbons with ambipolar charge transport properties. RSC Advances, 2022, 12, 19548-19553.	3.6	2
136	Chemical Modification of SWNTs. AIP Conference Proceedings, 2003, , .	0.4	1
137	Transmission electron microscopy analysis of vertically grown C ₆₀ fullerene microtube-AAO membrane joint interfaces. Diamond and Related Materials, 2016, 65, 204-208.	3.9	1
138	Young's Modulus of Fullerene C ₆₀ -C ₇₀ Alloy Crystalline Nanowhiskers. Journal of Nanoscience and Nanotechnology, 2018, 18, 451-454.	0.9	1
139	Self-Assembled Aggregates of Fullerenes. , 2021, , 1-33.		1
140	Chemistry of endohedral metallofullerene ions. AIP Conference Proceedings, 2001, , .	0.4	0
141	Endohedral Fullerene Ions: Synthesis, Structure and Reaction. AIP Conference Proceedings, 2002, , .	0.4	0
142	Photoinduced Dithiolation of Fullerene[60] with Dendrimer Disulfide.. ChemInform, 2004, 35, no.	0.0	0
143	Synthesis and Characterization of Cyclic Silicon Compounds of Fullerenes. ChemInform, 2004, 35, no.	0.0	0
144	Preparation of Phthalocyanines with Eight Benzylchalcogeno Substituents from 5,6-Dibromo-4,7-diethylbenzo[1,2,3]trichalcogenoles.. ChemInform, 2004, 35, no.	0.0	0

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145	2D NMR Characterization of the La@C ₈₂ Anion.. ChemInform, 2005, 36, no.	0.0	0
146	Dispersion and Separation of Small-Diameter Single-Walled Carbon Nanotubes [J. Am. Chem.Soc.2006,128, 12239-12242].. Journal of the American Chemical Society, 2006, 128, 15547-15547.	13.7	0
147	Analysis of the Size of Two-Component C ₆₀ -C ₇₀ Fullerene Whiskers. Transactions of the Materials Research Society of Japan, 2018, 43, 229-232.	0.2	0
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