Sergey I Troyanov

List of Publications by Year
in descending order

236	5,024	81900	175258
papers	citations	39 h-index	52 g-index

258	258	258	2075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Structure, and Theoretical Study of Trifluoromethyl Derivatives of the IPR Isomer of C ₈₄ Fullerene, C ₈₄ (11)(CF ₃) _{10,12,14}. ChemistrySelect, 2022, 7, .	1.5	3
2	Crippling the C₇₀ fullerene: non-classical C₆₈Cl₂₆(OH)₂ and C₆₈Cl₂₅(OH)₃ with three heptagons and only fused pentagons via chlorination-promoted skeletal transformations. Chemical Communications, 2022, 58, 6918-6921.	4.1	5
3	Carbon Origami via an Aluminaâ€Assisted Cyclodehydrofluorination Strategy. Chemistry - A European Journal, 2021, 27, 6223-6229.	3.3	4
4	Trifluoromethyl derivatives of pentagon-fused C₆₀: ¹⁸⁰⁹C₆₀(CF₃)_n (n = 10, 12, 14, 16). Dalton Transactions, 2021, 50, 5765-5769.	3.3	6
5	Chloro- and Trifluoromethyl Derivatives of a Pentagon-Fused C₆₀: ¹⁸¹⁰C₆₀Cl₂₄, ¹⁸¹⁰C₆₀Cl₂₀, and ¹⁸¹⁰C₆₀(CF₃)₁₄. Inorganic Chemistry, 2021, 60, 6991-6993.	4.0	5
6	Paraâ€C₆₀(CF₂)(CF₃)R: a family of chiral electron accepting compounds accessible through a facile oneâ€pot synthesis. European Journal of Organic Chemistry, 2021, 2021, 5147-5150.	2.4	5
7	Two Isolated-Pentagon-Rule Isomers C₉₈(110) and C₉₈(111) Isolated as Trifluoromethylfullerenes C₉₈(CF₃)₂₂. Inorganic Chemistry, 2021, 60, 18625-18628.	4.0	3
8	Trifluoromethyl Derivatives of Elusive Fullerene C 98. Chemistry - A European Journal, 2020, 26, 616-619.	3.3	6
9	Fusedâ€Pentagon Isomers of C₆₀ Fullerene Isolated as Chloro and Trifluoromethyl Derivatives. Chemistry - A European Journal, 2020, 26, 2338-2341.	3.3	12
10	Fused-Pentagon C₇₀Cl₆ and C₇₀Cl₈ Obtained via Chlorination-Promoted Skeletal Transformation of IPR C₇₀. Inorganic Chemistry, 2020, 59, 10400-10403.	4.0	9
11	New Isolatedâ€Pentagonâ€Rule Isomers of Fullerene C₉₆ Captured as Chloro Derivatives. European Journal of Inorganic Chemistry, 2020, 2020, 2092-2095.	2.0	12
12	Structural Studies of Giant Empty and Endohedral Fullerenes. Frontiers in Chemistry, 2020, 8, 607712.	3.6	17
13	Isolation and crystal structure of the trifluoromethyl derivative C84(24)(CF3)18 of a minor C84 fullerene isomer. Mendeleev Communications, 2020, 30, 474-475.	1.6	5
14	Three Isolated-Pentagon-Rule Isomers of C₉₆ Fullerene Isolated as Trifluoromethyl Derivatives. Inorganic Chemistry, 2020, 59, 17866-17869.	4.0	4
15	Bismuth Polycations Revisited: Alternative Synthesis and Electronic Structure of Bi6Br7, and Bonding in Main-Group Polyatomic Ions from a Direct Space Perspective. Crystals, 2020, 10, 940.	2.2	4
16	Optical limiting properties, structure and simplified TD-DFT calculations of scandium tetra-15-crown-5 phthalocyaninates. Journal of Porphyrins and Phthalocyanines, 2020, 24, 589-601.	0.8	12
17	Chloroâ€and Trifluoromethyl Derivatives of Fullerene C 82 , C 82 Cl 14 and C 82 (CF 3) 14. Asian Journal of Organic Chemistry, 2020, 9, 922-924.	2.7	2
18	Regioselective Monoâ€and Dialkylation of [6,6]â€open C 60 (CF 2): Synthetic and Kinetic Aspects. Chemistry - an Asian Journal, 2020, 15, 1701-1708.	3.3	3

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19	Folding of fluorinated oligoarylenes into non-alternant PAHs with various topological shapes. Organic Chemistry Frontiers, 2020, 7, 1271-1275.	4.5	16
20	Intermediate Products of C 60 Highâ€Temperature Chlorination â€“ C 60 Cl n (n = 8, 10, 14, 20, 24). European Journal of Organic Chemistry, 2020, 2020, 6801-6804.	2.4	4
21	Towards Nonalternant Nanographenes through Selfâ€Promoted Intramolecular Indenoannulation Cascade by Câ^'F Bond Activation. Chemistry - A European Journal, 2019, 25, 11609-11613.	3.3	16
22	Structures of Gd₃N@C₈₀ Prato Bis-Adducts: Crystal Structure, Thermal Isomerization, and Computational Study. Journal of the American Chemical Society, 2019, 141, 10988-10993.	13.7	16
23	CF 2 â€Functionalized Trifluoromethylated Fullerene C 70 (CF 3) 8 (CF 2): Structure, Electronic Properties, and Spontaneous Oxidation at the Bridgehead Carbon Atoms. Asian Journal of Organic Chemistry, 2019, 8, 1924-1932.	2.7	9
24	Towards Nonalternant Nanographenes through Selfâ€Promoted Intramolecular Indenoannulation Cascade by Câ^'F Bond Activation. Chemistry - A European Journal, 2019, 25, 11585-11585.	3.3	3
25	Negatively charged singly-bonded dimers of C₁-[C₇₀(CF₃)₁₀] and bare C₇₀ fullerene. New Journal of Chemistry, 2019, 43, 2726-2733.	2.8	8
26	Chlorination-Promoted Skeletal Transformations of Fullerenes. Accounts of Chemical Research, 2019, 52, 1783-1792.	15.6	44
27	Chlorinationâ€Promoted Cage Transformation of IPR C 92 Discovered via Trifluoromethylation under Formation of Nonâ€classical C 92 (NC)(CF 3) 22. Chemistry - an Asian Journal, 2019, 14, 2108-2111.	3.3	6
28	Diversion of the Arbuzov reaction: alkylation of Câ€“Cl instead of phosphonic ester formation on the fullerene cage. Organic and Biomolecular Chemistry, 2019, 17, 7155-7160.	2.8	12
29	Tailoring Diindenochrysene through Intramolecular Multiâ€Assemblies by Câ^'F Bond Activation on Aluminum Oxide. Chemistry - A European Journal, 2019, 25, 7607-7612.	3.3	16
30	Stable C₉₂(26) and C₉₂(38) as Well as Unstable C₉₂(50) and C₉₂(23) Isolated-Pentagon-Rule Isomers As Revealed by Chlorination of C₉₂ Fullerene. Inorganic Chemistry, 2019, 58, 5393-5396.	4.0	12
31	Fused-pentagon C₇₀Cl₂₆ obtained via chlorination-promoted Stoneâ€“Wales cage transformations of C₇₀. Chemical Communications, 2019, 55, 13378-13381.	4.1	8
32	Chlorination-promoted skeletal transformation of IPR C₇₆ discovered via trifluoromethylation under the formation of non-IPR C₇₆(CF₃)_nF_m. Dalton Transactions, 2018, 47, 6898-6902.	3.3	22
33	Steering the Geometry of Butterfly-Shaped Dimetal Carbide Cluster within a Carbon Cage via Trifluoromethylation of Y₂C₂@C₈₂(6). Journal of the American Chemical Society, 2018, 140, 3496-3499.	13.7	14
34	Reaction of tin(<scp>iv</scp>) phthalocyanine dichloride with decamethylmetallocenes (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 (Cp*₂Co⁺){Sn^{IV}Cl₂(PcË™^{3â^'})}Ë™^{â^'}·2C₆ Dalton Transactions, 2018, 47, 1243-1250.	3.3	5
35	Photocatalytic Generation of Hydrogen Using Dinuclear Ï€â€Extended Porphyrinâ€“Platinum Compounds. Chemistry - A European Journal, 2018, 24, 3225-3233.	3.3	31
36	Versatility of chlorination-promoted skeletal transformation pathways in C₇₆ fullerene. Dalton Transactions, 2018, 47, 4554-4559.	3.3	14

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37	Cation-Induced Dimerization of Crown-Substituted Phthalocyanines by Complexation with Rubidium Nicotinate As Revealed by X-ray Structural Data. Inorganic Chemistry, 2018, 57, 82-85.	4.0	25
38	Regioselective Synthesis of [6,6]â€Open and [5,6]â€Closed C₇₀(CF₃)₈[CH₂] Methanofullerenes with Rapid [6,6]â€toâ€[5,6] Phototransformation. European Journal of Organic Chemistry, 2018, 2018, 750-758.	2.4	4
39	Experimental and Theoretical Approach to Variable Chlorination-Promoted Skeletal Transformations in Fullerenes: The Case of C₁₀₂. Inorganic Chemistry, 2018, 57, 4222-4225.	4.0	23
40	Dehydrative Ï€-extension to nanographenes with zig-zag edges. Nature Communications, 2018, 9, 4756.	12.8	62
41	Facile Separation, Spectroscopic Identification, and Electrochemical Properties of Higher Trifluoromethylated Derivatives of [70]Fullerene. Chemistry - an Asian Journal, 2018, 13, 1920-1931.	3.3	6
42	Rebuilding C₆₀: Chlorination-Promoted Transformations of the Buckminsterfullerene into Pentagon-Fused C₆₀ Derivatives. Inorganic Chemistry, 2018, 57, 8325-8331.	4.0	28
43	Synthesis, Isolation and Structures of Trifluoromethylated Fullerenes D₂â€C₇₆, C₇₆(1)(CF₃)_{10â€“18}. Chemistry - an Asian Journal, 2018, 13, 2027-2030.	3.3	4
44	Chloro Derivatives of Azafullerenes C₅₉NCl₅ and Nonâ€Classical C₉₇NCl₂₁. Chemistry - an Asian Journal, 2017, 12, 298-301.	3.3	3
45	Tightly Bound Doubleâ€Caged [60]Fullerene Derivatives with Enhanced Solubility: Structural Features and Application in Solar Cells. Chemistry - an Asian Journal, 2017, 12, 1075-1086.	3.3	7
46	Interaction of copper with dinitrogen tetroxide in 1-butyl-3-methylimidazolium-based ionic liquids. Dalton Transactions, 2017, 46, 4430-4434.	3.3	0
47	Chloro Derivatives of Isomers of a Giant Fullerene C₁₀₄: C₁₀₄(234)Cl_{16/18}, C₁₀₄(812)Cl_{12/24}, and C₁₀₄(811)Cl₂₈. Chemistry - A European Journal, 2017, 23, 4761-4764.	3.3	4
48	The Salts of Copper Octafluoro- and Hexadecafluorophthalocyanines Containing [Cu^{II}(F₈Pc)^{4â€“}]^{2â€“} Dianions and [CuF₁₆Pc]^{â^’} Monoanions. Inorganic Chemistry, 2017, 56, 1804-1813.	4.0	12
49	New Isolated-Pentagon-Rule Isomers of Fullerene C₉₈ Captured as Chloro Derivatives. Inorganic Chemistry, 2017, 56, 4780-4783.	4.0	12
50	Fullerene C₆₀dianion salt, (Me₄N⁺)₂(C₆₀^{2â^’})Â·(TPC)₂Â·2C₆H₄ where TPC is triptycene, obtained by a multicomponent approach. New Journal of Chemistry, 2017, 41, 4779-4782.	2.8	3
51	Skeletal Transformation of a Classical Fullerene C₈₈ into a Nonclassical Fullerene Chloride C₈₄Cl₃₀ Bearing Quaternary Sequentially Fused Pentagons. Journal of the American Chemical Society, 2017, 139, 4651-4654.	13.7	25
52	Unprecedented thermal condensation of tetracyanocyclopropanes to triazaphenalenes: a facile route for the design of novel materials for electronic applications. Chemical Communications, 2017, 53, 4830-4833.	4.1	1
53	Coordination Complexes of Fullerene C₆₀ with Rhodium {Cp*Rh^{II}(Î¼-Cl)}₂(Î·²,Î·²-C₆₀) and (Bu₄N⁺){Cp*Rh^ICl(Î·²-C₆₀)}^{â^’}. Temperature-Induced Charge Transfer from Rh^I to Î·²-C₆₀. Organometallics, 2017, 36, 4032-4037.	2.3	5
54	Lower trifluoromethyl[70]fullerene derivatives: novel structural data and an survey of electronic properties. Electrochimica Acta, 2017, 255, 472-481.	5.2	13

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55	Chlorinationâ€promoted Transformation of Isolated Pentagon Rule C₇₈ into Fusedâ€pentagonsâ€and Heptagonsâ€contain ing Fullerenes. Chemistry - an Asian Journal, 2017, 12, 2379-2382.	3.3	26
56	Synthesis, Isolation, and Trifluoromethylation of Two Isomers of C₈₄â€Based Monometallic Cyanide Clusterfullerenes: Interplay between the Endohedral Cluster and the Exohedral Addends. Angewandte Chemie - International Edition, 2017, 56, 11990-11994.	13.8	16
57	Synthesis, Isolation, and Trifluoromethylation of Two Isomers of C₈₄â€Based Monometallic Cyanide Clusterfullerenes: Interplay between the Endohedral Cluster and the Exohedral Addends. Angewandte Chemie, 2017, 129, 12152-12156.	2.0	2
58	The Concentration Control of Magnetic Fullerene C₆₀^{â€¢â€} Radical Anions in a Crystal Lattice of the (Bu₄N⁺)₂{(C₆₀^{â€¢â€})â‹…C₆H₄Cl₂ (x=1, 0.74) Complexes. ChemistrySelect, 2017, 2, 6640-6644.	1.5	2
59	Synthesis of different types of alkoxy fullerene derivatives from chlorofullerene C₆₀Cl₆. Organic and Biomolecular Chemistry, 2017, 15, 773-777.	2.8	28
60	Unstable Isomer of C₉₀ Fullerene Isolated as Chloro Derivatives, C₉₀(1)Cl_{10/12}. Chemistry - an Asian Journal, 2016, 11, 1896-1899.	3.3	7
61	Synthesis, Isolation and Structure of Trifluoromethylated Fullerene D₃â€C₇₈, C₇₈(1)(CF₃)₁₀â€˜18</sub>. Chemistry - an Asian Journal, 2016, 11, 1000-1003.	3.3	9
62	The First Experimentally Confirmed Isolated Pentagon Rule (IPR) Isomers of Higher Fullerene C₉₈ Captured as Chlorides, C₉₈(248)Cl₂₂ and C₉₈(116)Cl₂₀. Chemistry - A European Journal, 2016, 22, 5138-5141.	3.3	6
63	New Isolatedâ€Pentagonâ€Rule and Skeletally Transformed Isomers of C₁₀₀ Fullerene Identified by Structure Elucidation of their Chloro Derivatives. Angewandte Chemie - International Edition, 2016, 55, 3451-3454.	13.8	26
64	New Isolatedâ€Pentagonâ€Rule and Skeletally Transformed Isomers of C₁₀₀ Fullerene Identified by Structure Elucidation of their Chloro Derivatives. Angewandte Chemie, 2016, 128, 3512-3515.	2.0	9
65	Trifluoromethyl Derivatives of a Monometallic Cyanide Cluster Fullerene, YCN@C₈₂(6)(CF₃)_{16/18}. Inorganic Chemistry, 2016, 55, 12523-12526.	4.0	11
66	Synthesis and X-ray structure of C88(7)(CF3)12/16. Mendeleev Communications, 2016, 26, 141-142.	1.6	3
67	Unusual Chlorination Patterns of Three IPR Isomers of C₈₈ Fullerene in C₈₈(7)Cl_{12/24}, C₈₈(17)Cl₂₂, and C₈₈(33)Cl_{12/14}. Chemistry - an Asian Journal, 2016, 11, 77-80.	3.3	16
68	Stepwise Regioselective Hydrogenation of cisâ€2â€C₆₀(CF₂)₂ Homofullerene with [6,6]â€Open/Closed Valence Tautomerism. Chemistry - A European Journal, 2016, 22, 15485-15490.	3.3	9
69	A minor isomer of C84 fullerene, D6h-C84(24), captured as a trifluoromethylated derivative, C84(CF3)12. Mendeleev Communications, 2016, 26, 312-313.	1.6	10
70	New Giant Fullerenes Identified as Chloro Derivatives: Isolated-Pentagon-Rule C₁₀₈(1771)Cl₁₂ and C₁₀₆(1155)Cl₂₄ as well as Nonclassical C₁₀₄Cl₂₄. Inorganic Chemistry, 2016, 55, 5741-5743.	4.0	41
71	Reductive Hydrogenation of C_sâ€C₇₀(CF₃)₈ and C₁â€C₇₀(CF₃)₁₀. Chemistry - an Asian Journal, 2016, 11, 1945-1954.	3.3	14
72	Electron affinities of [5,6]-open and [5,6]-closed adducts of trifluoromethylfullerene Cs-C70(CF3)8: even one bond matters!. Electrochimica Acta, 2016, 191, 980-986.	5.2	15

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73	Charge transfer complexes of fullerenes containing C₆₀Ë™^{â˙’} and C₇₀Ë™^{â˙’} radical anions with paramagnetic Co^{II}(dppe)₂Cl⁺ cations (dppe: 1,2-bis(diphenylphosphino)ethane). Dalton Transactions, 2016, 45, 6548-6554.	3.3	10
74	Capturing C₉₀ Isomers as CF₃ Derivatives: C₉₀(30)(CF₃)₁₄, C₉₀(35)(CF₃)_{16/18}, and C₉₀(45)(CF₃)_{16/18}. Chemistry - an Asian Journal, 2015, 10, 1622-1625.	3.3	14
75	Chlorinationâ€Promoted Skeletalâ€Cage Transformations of C₈₈ Fullerene by C₂ Losses and a Cï£¿C Bond Rotation. Chemistry - A European Journal, 2015, 21, 15138-15141.	3.3	36
76	Lanthanum alkoxides. Crystal structure of [La6(Î¼6-Cl)(Î¼3-OPr i)2(Î¼-OPr i)9(OPr i)6]. Russian Journal of Inorganic Chemistry, 2015, 60, 1384-1389.	1.3	2
77	C₁₀₀ is Converted into C₉₄Cl₂₂ by Three Chlorinationâ€Promoted C₂ Losses under Formation and Elimination of Cage Heptagons. Chemistry - A European Journal, 2015, 21, 4904-4907.	3.3	36
78	Two Successive C₂ Losses from C₈₆ Fullerene upon Chlorination with the Formation of Nonâ€classical C₈₄Cl₃₀ and C₈₂Cl₃₀. Chemistry - an Asian Journal, 2015, 10, 559-562.	3.3	22
79	Coordination Complexes of Pentamethylcyclopentadienyl Iridium(III) Diiodide with Tin(II) Phthalocyanine and Pentamethylcyclopentadienyl Iridium(II) Halide with Fullerene C₆₀^{â€“} Anions. Organometallics, 2015, 34, 879-889.	2.3	21
80	Orienting Effect of the Cage Addends: The Case of Nucleophilic Cyclopropanation of C₂â€C₇₀(CF₃)₈. Chemistry - an Asian Journal, 2015, 10, 1370-1378.	3.3	6
81	Synthesis and X-ray structure of C2-C96(176)(CF3)18. Mendeleev Communications, 2015, 25, 275-276.	1.6	9
82	Formation of {Co(dppe)}2{Î¼2-Î·2:Î·2-Î·2:Î·2-[(C60)2]} Dimers Bonded by Single Câ€“C Bonds and Bridging Î·2-Coordinated Cobalt Atoms. Inorganic Chemistry, 2015, 54, 4597-4599.	4.0	22
83	Anionic coordination complexes of C₆₀ and C₇₀ with cyclopentadienyl and pentamethylcyclopentadienyl molybdenum dicarbonyl. Dalton Transactions, 2015, 44, 9672-9681.	3.3	11
84	Five Isolated Pentagon Rule Isomers of Higher Fullerene C₉₄ Captured as Chlorides and CF₃ Derivatives: C₉₄(34)Cl₁₄, C₉₄(61)Cl₂₀, C₉₄(133)Cl₂₂, C₉₄(42)(CF₃)₁₆, and C₉₄(43)(CF₃)₁₈. Inorganic Chemistry, 2015, 54, 2494-2496.	4.0	20
85	Coordination complex of boron subphthalocyanine (BSubPc) with fluorenone pinacolate: effective Ï€â€“Ï€ interaction of concave BSubPc macrocycle with fullerene C₆₀. CrystEngComm, 2015, 17, 3923-3926.	2.6	22
86	Crystal structure of the ionic complex [(VCl4)+(SbCl6)â€“]2(VCl4). Russian Journal of Inorganic Chemistry, 2015, 60, 1041-1043.	1.3	0
87	Structural Chemistry of Basic Magnesium Acetates, Mg5(Î¼3-OH)2(OAc)8Â·nL and Mg3(Î¼4-O)(OAc)4. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1106-1109.	1.2	7
88	New Isolated-Pentagon-Rule Isomer of C₉₂ Isolated as Trifluoromethyl and Chlorido Derivatives: C₉₂(38)(CF₃)_{14/16} and C₉₂(38)Cl_{20/22}. Inorganic Chemistry, 2015, 54, 10527-10529.	4.0	16
89	Molecular structure, optical and magnetic properties of the {Sn^{IV}Pc(3-)Cl₂}^{â€¢-} radical anions containing negatively charged Pc ligands. Journal of Porphyrins and Phthalocyanines, 2014, 18, 1157-1163.	0.8	21
90	Synthesis and structures of trifluoromethyl derivatives of fullerenes C84(16) and C84(18). Russian Chemical Bulletin, 2014, 63, 2657-2667.	1.5	11

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91	First Isomers of Pristine C₁₀₄ Fullerene Structurally Confirmed as Chlorides, C₁₀₄(258)Cl₁₆ and C₁₀₄(812)Cl₂₄. Chemistry - an Asian Journal, 2014, 9, 79-82.	3.3	31
92	Chlorination of Two Isomers of C₈₆ Fullerene: Molecular Structures of C₈₆(16)Cl₁₆, C₈₆(17)Cl₁₈, C₈₆(17)Cl₂₀, and C₈₆(17)Cl₂₂. Chemistry - A European Journal, 2014, 20, 14198-14200.	3.3	17
93	Magnetic Coupling and Optical Properties of the S₆â€Dodecakis(trifluoromethyl)fullerene Radical Anions in the Layered Salt (PPN⁺)[C₆₀(CF₃)₁₂^{â”}]. Chemistry - A European Journal, 2014, 20, 5380-5387.	3.3	8
94	Synthesis and Structure of Copper(II) Nitrate Complexes with 2, 6â€Bis(pyrazolyl)pyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 347-352.	1.2	3
95	Transalkylation of Higher Trifluoromethylated Fullerenes with C₇₀: A Pathway to New Addition Patterns of C₇₀(CF₃)₈. Chemistry - A European Journal, 2014, 20, 1126-1133.	3.3	18
96	Chlorination of IPR C₁₀₀ Fullerene Affords Unconventional C₉₆Cl₂₀ with a Nonclassical Cage Containing Three Heptagons. Angewandte Chemie - International Edition, 2014, 53, 2460-2463.	13.8	49
97	The Most Stable Isomers of Giant Fullerenes C₁₀₂ and C₁₀₄ Captured as Chlorides, C₁₀₂(603)Cl_{18/20} and C₁₀₄(234)Cl_{16/18/20/22}. Chemistry - A European Journal, 2014, 20, 6875-6878.	3.3	27
98	Synthesis and X-ray structure of C2-C84(22)(CF3)6. Mendeleev Communications, 2014, 24, 78-79.	1.6	6
99	Capturing an unstable C100fullerene as chloride, C100(1)Cl12, with a nanotubular carbon cage. Chemical Communications, 2014, 50, 14577-14580.	4.1	40
100	Molecular structure and spectroscopic properties of a nickel-bridged {Ni(Ph₃P)}₂(Î¼₂â€“Î·²,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.337 Td (Î·²/s	3.3	17
101	Structures of Chlorinated Fullerenes, IPR C₉₆Cl₂₀ and Nonâ€classical C₉₄Cl₂₈ and C₉₂Cl₃₂: Evidence of the Existence of Three New Isomers of C₉₆. Chemistry - an Asian Journal, 2014, 9, 3102-3105.	3.3	32
102	Design of indigo derivatives as environment-friendly organic semiconductors for sustainable organic electronics. Journal of Materials Chemistry C, 2014, 2, 7621-7631.	5.5	76
103	New Trifluoromethylated Derivatives of Metal Nitride Clusterfullerenes: Sc3N@Ih-C80(CF3)14and Sc3N@D5h-C80(CF3)16. Chemistry - an Asian Journal, 2014, 9, 2449-2452.	3.3	14
104	The first structural confirmation of a C102 fullerene as C102Cl20 containing a non-IPR carbon cage. Chemical Communications, 2013, 49, 7944.	4.1	32
105	Synthesis, Structure, and Theoretical Study of Trifluoromethyl Derivatives of C₈₄(23) Fullerene. Chemistry - A European Journal, 2013, 19, 11707-11716.	3.3	24
106	Standard enthalpy of formation of fullerene bromide C60Br24. Moscow University Chemistry Bulletin, 2013, 68, 12-16.	0.6	8
107	Cage Shrinkage of Fullerene via a C₂ Loss: from IPR C₉₀(28)Cl₂₄ to Nonclassical, Heptagon-Containing C₈₈Cl_{22/24}. Inorganic Chemistry, 2013, 52, 13821-13823.	4.0	43
108	Isolation and structural characterization of the most highly trifluoromethylated C₇₀fullerenes: C₇₀(CF₃)₁₈and C₇₀(CF₃)₂₀. New Journal of Chemistry, 2013, 37, 299-302.	2.8	13

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109	Synthesis, Structure, and Theoretical Study of Trifluoromethyl Derivatives of C₈₄(22) Fullerene. Chemistry - A European Journal, 2013, 19, 578-587.	3.3	28
110	Alkali metal and ammonium fluoro(trifluoroacetato)metallates Mâ€²[Mâ€²â€²3(Î¼3-F)(CF3COO)6(CF3COOH)3], where Mâ€² = Li, Na, K, NH4, Rb, or Cs and Mâ€²â€² = Ni or Co. Synthesis and crystal structures. Crystallography Reports, 2013, 58, 68-77.	0.6	12
111	Magnetic Coupling in the Fullerene Dimer {Co(Ph₃P)(C₆H₅CN)}₂(Î¼₂-Î·²:Î·²C₆₀) with Two Zerovalent Cobalt Atoms as Bridges. Organometallics, 2013, 32, 4038-4041.	4.2	28
112	Mononuclear Coordination Complexes of Fullerene C₆₀ with Zerovalent Cobalt Having S = 1/2 Spin State: Co(Î·²-C₆₀)(L)(C₆H₅CN)Â·(o-C₆H₄Cl₂ (L = 1,2-bis(diphenylphosphino)ethane and 1,1â€²-bis(diphenylphosphino)ferrocene). Inorganic Chemistry, 2013, 52, 13934-13940.	4.0	32
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