

# Ilya Ioffe

## List of Publications by Year in descending order

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118  
papers

3,160  
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126858

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132  
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132  
docs citations

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times ranked

2152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoisomerization Dynamics and Pathways of <i>trans</i> - and <i>cis</i> -Azobenzene in Solution from Broadband Femtosecond Spectroscopies and Calculations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8756-8771.	1.2	147
2	Synthesis and Structure of the Highly Chlorinated [60]Fullerene C <sub>60</sub> Cl <sub>30</sub> with a Drum-Shaped Carbon Cage. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 234-237.	7.2	132
3	Ionization Energy of Fullerenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 9745-9749.	6.6	101
4	Isolation of C <sub>60</sub> (CF <sub>3</sub> ) <sub>n</sub> (n = 2, 4, 6, 8, 10) with high compositional purity. <i>Journal of Fluorine Chemistry</i> , 2003, 124, 61-64.	0.9	92
5	Two Isomers of C <sub>60</sub> F <sub>48</sub> : An Indented Fullerene. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2285-2287.	7.2	90
6	Evidence for the phantom state in photoinduced <i>cis</i> → <i>trans</i> isomerization of stilbene. <i>Chemical Physics Letters</i> , 2010, 493, 255-258.	1.2	85
7	Photoisomerization of Stilbene: The Detailed XMCQDPT2 Treatment. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 4973-4990.	2.3	85
8	Fusing Pentagons in a Fullerene Cage by Chlorination: IPR C <sub>2</sub> 76C <sub>24</sub> Rearranges into non-IPR C <sub>76</sub> Cl <sub>24</sub> . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5904-5907.	7.2	78
9	Synthesis, Characterization, and Theoretical Study of Stable Isomers of C <sub>70</sub> (CF <sub>3</sub> ) <sub>n</sub> (n = 2, 4, 6, 8, 10). <i>Chemistry - A European Journal</i> , 2006, 12, 3876-3889.	1.7	77
10	Chlorination of C <sub>86</sub> to C <sub>84</sub> Cl <sub>32</sub> with Nonclassical Heptagon-Containing Fullerene Cage Formed by Cage Shrinkage. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4784-4787.	7.2	75
11	Organometallic Complexes of Graphene: Toward Atomic Spintronics Using a Graphene Web. <i>ACS Nano</i> , 2011, 5, 9939-9949.	7.3	70
12	Trifluoromethylated Endohedral Metallofullerenes: Synthesis and Characterization of Y@C <sub>82</sub> (CF <sub>3</sub> ) <sub>5</sub> . <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1846-1849.	7.2	68
13	Photoisomerization Dynamics of Stiff-Stilbene in Solution. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1389-1402.	1.2	64
14	Synthesis, Structure, and Theoretical Study of Lower Trifluoromethyl Derivatives of [60]Fullerene. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5082-5094.	1.2	59
15	Electron Affinity of Some Endohedral Lanthanide Fullerenes. <i>Journal of Physical Chemistry A</i> , 1997, 101, 9561-9563.	1.1	55
16	Variable-Temperature <sup>19</sup> F NMR and Theoretical Study of 1,9- and 1,7-C <sub>60</sub> F(CF <sub>3</sub> ) and Cs- and C <sub>1</sub> -C <sub>60</sub> F <sub>17</sub> (CF <sub>3</sub> ): Hindered CF <sub>3</sub> Rotation and Through-Space JFC Coupling. <i>Journal of the American Chemical Society</i> , 2005, 127, 11497-11504.	6.6	53
17	C <sub>74</sub> F <sub>38</sub> : An Exohedral Derivative of a Small-Bandgap Fullerene with D <sub>3</sub> Symmetry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 997-1000.	7.2	51
18	C <sub>76</sub> fullerene chlorides and cage transformations. Structural and theoretical study. <i>Dalton Transactions</i> , 2011, 40, 11005.	1.6	50

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19	Synthesis and structural characterization of highly chlorinated C70, C70Cl28. Chemical Communications, 2005, , 72.	2.2	48
20	Photoelectron Spectroscopy of Isolated Multiply Negatively Charged Oligonucleotides. Journal of the American Chemical Society, 2004, 126, 8585-8589.	6.6	47
21	Preparation, crystallographic characterization and theoretical study of C70(CF3)16 and C70(CF3)18. Chemical Communications, 2006, , 2463.	2.2	45
22	Preparation, crystallographic characterization and theoretical study of two isomers of C70(CF3)12. Chemical Communications, 2006, , 1778.	2.2	44
23	Femtosecond Raman spectra of <i>cis</i> -stilbene and <i>trans</i> -stilbene with isotopomers in solution. Journal of Chemical Physics, 2012, 137, 244505.	1.2	44
24	Chlorination-Promoted Skeletal Transformations of Fullerenes. Accounts of Chemical Research, 2019, 52, 1783-1792.	7.6	44
25	Higher trifluoromethylated derivatives of C60, C60(CF3)16 and C60(CF3)18. Journal of Fluorine Chemistry, 2007, 128, 545-551.	0.9	43
26	Cage Shrinkage of Fullerene via a C <sub>2</sub> Loss: from IPR C <sub>90</sub> (28)Cl <sub>24</sub> to Nonclassical, Heptagon-Containing C <sub>88</sub> Cl <sub>22/24</sub> . Inorganic Chemistry, 2013, 52, 13821-13823.	1.9	43
27	Terahertz Absorption Spectroscopy of a Liquid Using a Polarity Probe: A Case Study of Trehalose/Water Mixtures. Angewandte Chemie - International Edition, 2010, 49, 454-457.	7.2	37
28	New trifluoromethylated derivatives of [60]fullerene, C60(CF3) <sub>n</sub> with n = 12 and 14. Chemical Communications, 2007, , 4794.	2.2	36
29	C <sub>100</sub> is Converted into C <sub>94</sub> Cl <sub>22</sub> by Three Chlorination-Promoted C <sub>2</sub> Losses under Formation and Elimination of Cage Heptagons. Chemistry - A European Journal, 2015, 21, 4904-4907.	1.7	36
30	In-Plume Thermodynamics of the MALDI Generation of Fluorofullerene Anions. Journal of Physical Chemistry A, 2005, 109, 714-719.	1.1	35
31	In situ synthesis and characterization of fullerene derivatives by Knudsen-cell mass spectrometry. International Journal of Mass Spectrometry, 2003, 228, 807-824.	0.7	34
32	Preparation, Crystallographic Characterization, and Theoretical Study of C70(CF3)14. European Journal of Organic Chemistry, 2006, 2006, 2508-2512.	1.2	34
33	Electron affinity of some trimetallic nitride and conventional metallofullerenes. International Journal of Mass Spectrometry, 2002, 213, 183-189.	0.7	32
34	Structures of Chlorinated Fullerenes, IPR C <sub>96</sub> Cl <sub>20</sub> and Nonclassical C <sub>94</sub> Cl <sub>28</sub> and C <sub>92</sub> Cl <sub>32</sub> : Evidence of the Existence of Three New Isomers of C <sub>96</sub> . Chemistry - an Asian Journal, 2014, 9, 3102-3105.	1.7	32
35	Skeletal Transformation of Isolated Pentagon Rule (IPR) Fullerene C <sub>82</sub> into Non-IPR C <sub>82</sub> Cl <sub>28</sub> with Notably Low Activation Barriers. Inorganic Chemistry, 2012, 51, 11226-11228.	1.9	31
36	Broadband transient absorption spectroscopy with 1- and 2-photon excitations: Relaxation paths and cross sections of a triphenylamine dye in solution. Journal of Chemical Physics, 2015, 143, 024311.	1.2	29

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37	Structure of 1,4,10,19,25,41-C <sub>70</sub> (CF <sub>3</sub> ) <sub>6</sub> , isomer with unique arrangement of addends. Journal of Fluorine Chemistry, 2006, 127, 1344-1348.	0.9	28
38	Synthesis and characterization of difluoromethylene-homo[60]fullerene, C <sub>60</sub> (CF <sub>2</sub> ). Chemical Communications, 2007, , 374-376.	2.2	28
39	Rebuilding C <sub>60</sub> : Chlorination-Promoted Transformations of the Buckminsterfullerene into Pentagon-Fused C <sub>60</sub> Derivatives. Inorganic Chemistry, 2018, 57, 8325-8331.	1.9	28
40	Trifluoromethylated [60]Fullerenes: Synthesis and Characterization. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 181-185.	1.0	25
41	Preparation and structures of [6,6]-open difluoromethylene[60]fullerenes: C <sub>60</sub> (CF <sub>2</sub> ) and C <sub>60</sub> (CF <sub>2</sub> ) <sub>2</sub> . Dalton Transactions, 2007, , 5322.	1.6	24
42	Two-Photon-Induced versus One-Photon-Induced Isomerization Dynamics of a Bistable Azobenzene Derivative in Solution. Journal of Physical Chemistry B, 2015, 119, 12281-12288.	1.2	23
43	Tuning Stilbene Photochemistry by Fluorination: State Reordering Leads to Sudden Polarization near the Franck-Condon Region. Journal of the American Chemical Society, 2017, 139, 15265-15274.	6.6	23
44	Experimental and Theoretical Approach to Variable Chlorination-Promoted Skeletal Transformations in Fullerenes: The Case of C <sub>102</sub> . Inorganic Chemistry, 2018, 57, 4222-4225.	1.9	23
45	Regioselective synthesis and crystal structure of C <sub>70</sub> (CF <sub>3</sub> ) <sub>10</sub> [C(CO <sub>2</sub> Et) <sub>2</sub> ]. New Journal of Chemistry, 2008, 32, 89-93.	1.4	22
46	Trifluoromethylation of Fullerenes: Kinetic and Thermodynamic Control. Journal of Physical Chemistry A, 2013, 117, 13009-13017.	1.1	22
47	Excited-state Raman spectroscopy with and without actinic excitation: <i>S</i> <sub>1</sub> Raman spectra of trans-azobenzene. Journal of Chemical Physics, 2014, 140, 184310.	1.2	21
48	Reaction of C <sub>60</sub> with KMnF <sub>4</sub> . Journal of Fluorine Chemistry, 2006, 127, 1423-1435.	0.9	20
49	Crystal and molecular structures of C <sub>2</sub> -C <sub>70</sub> (CF <sub>3</sub> ) <sub>8</sub> ·1.5PhMe. Mendeleev Communications, 2008, 18, 73-75.	0.6	20
50	Electrochemical, ESR and theoretical studies of [6,6]-opened C <sub>60</sub> (CF <sub>2</sub> ), cis-2-C <sub>60</sub> (CF <sub>2</sub> ) <sub>2</sub> and their anions. Dalton Transactions, 2008, , 6886.	1.6	20
51	Mass spectrometric studies of trifluoromethylated fullerenes. International Journal of Mass Spectrometry, 2006, 251, 16-22.	0.7	19
52	[6,6]-Open and [6,6]-Closed Isomers of C <sub>70</sub> (CF <sub>2</sub> ) <sub>2</sub> : Synthesis, Electrochemical and Quantum Chemical Investigation. Chemistry - A European Journal, 2013, 19, 17969-17979.	1.7	19
53	Transalkylation of Higher Trifluoromethylated Fullerenes with C <sub>70</sub> : A Pathway to New Addition Patterns of C <sub>70</sub> (CF <sub>3</sub> ) <sub>3</sub> . Chemistry - A European Journal, 2014, 20, 1126-1133.	1.7	18
54	Application of 9-nitroanthracene as a matrix for laser desorption/ionization analysis of fluorinated fullerenes. Rapid Communications in Mass Spectrometry, 2004, 18, 360-362.	0.7	17

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55	The former $C_{60}F_{16}$ is actually a double-caged adduct: $(C_{60}F_{16})(C_{60})$ . <i>Chemical Communications</i> , 2007, 704-706.	2.2	17
56	Perpendicular State of an Electronically Excited Stilbene: Observation by Femtosecond-Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4047-4052.	2.1	17
57	Mass spectrometry, photoelectron spectroscopy, and quantum chemical studies of fluorofullerene dianions. <i>International Journal of Mass Spectrometry</i> , 2005, 243, 223-230.	0.7	16
58	Unexpected fullerene dimerization via [5,6]-bond upon functionalization of $C_{70}(CF_3)_8$ by the Bingel reaction. <i>Dalton Transactions</i> , 2011, 40, 959-965.	1.6	16
59	Mass spectrometric studies of $1\text{-ethyl-3-methylimidazolium}$ and $1\text{-propyl-3-dimethylimidazolium bis(trifluoromethyl)sulfonylimides}$ . <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1227-1232.	0.7	16
60	High resolution and low-temperature photoelectron spectroscopy of an oxygen-linked fullerene dimer dianion: $C_{120}O_2^{2-}$ . <i>Journal of Chemical Physics</i> , 2008, 128, 114307.	1.2	15
61	Anion Radicals of Isomeric [5,6] and [6,6] Benzoadducts of $Sc_3N@C_{80}$ : Remarkable Differences in Endohedral Cluster Spin Density and Dynamics. <i>Journal of the American Chemical Society</i> , 2014, 136, 13436-13441.	6.6	15
62	Electron affinities of [5,6]-open and [5,6]-closed adducts of trifluoromethylfullerene $Cs-C_{70}(CF_3)_8$ : even one bond matters!. <i>Electrochimica Acta</i> , 2016, 191, 980-986.	2.6	15
63	Rotamer-Specific Photoisomerization of Difluorostilbenes from Transient Absorption and Transient Raman Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1049-1059.	1.2	15
64	Alkylated [6,6]-open difluoromethanofullerenes $C_{60}(CF_2)R_2$ : Facile synthesis, electrochemical behavior and photovoltaic applications. <i>Electrochimica Acta</i> , 2016, 219, 130-142.	2.6	14
65	Reductive Hydrogenation of $C_{70}(CF_3)_8$ and $C_{70}(CF_3)_{10}$ . <i>Chemistry - an Asian Journal</i> , 2016, 11, 1945-1954.	1.7	14
66	Versatility of chlorination-promoted skeletal transformation pathways in $C_{76}$ fullerene. <i>Dalton Transactions</i> , 2018, 47, 4554-4559.	1.6	14
67	Formation of long-lived fluorofullerene trianions in collisions with Na. <i>Journal of Chemical Physics</i> , 2005, 122, 021102.	1.2	13
68	Solvation Oscillations and Excited-State Dynamics of 2-Amino- and 2-Hydroxy-7-nitrofluorene and Its $2\text{-deoxyribose}$ . <i>Journal of Physical Chemistry A</i> , 2008, 112, 4294-4307.	1.1	13
69	Exohedral and skeletal rearrangements in the molecules of fullerene derivatives. <i>Russian Chemical Reviews</i> , 2011, 80, 631-645.	2.5	13
70	Isolation and structural characterization of the most highly trifluoromethylated $C_{70}$ fullerenes: $C_{70}(CF_3)_{18}$ and $C_{70}(CF_3)_{20}$ . <i>New Journal of Chemistry</i> , 2013, 37, 299-302.	1.4	13
71	Effect of a Tertiary Butyl Group on Polar Solvation Dynamics in Aqueous Solution: Femtosecond Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9631-9638.	1.2	13
72	Lower trifluoromethyl[70]fullerene derivatives: novel structural data and an survey of electronic properties. <i>Electrochimica Acta</i> , 2017, 255, 472-481.	2.6	13

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73	Multistate Multiconfiguration Quantum Chemical Computation of the Two-Photon Absorption Spectra of Bovine Rhodopsin. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6293-6300.	2.1	13
74	Electron interaction with S6-C60(CF3)12: Energy pool of fullerene cage. <i>International Journal of Mass Spectrometry</i> , 2008, 272, 119-126.	0.7	12
75	Alkali-Metal Trichloroacetates for Dichloromethylation of Fullerenes: Nucleophilic Addition-Substitution Route. <i>Chemistry - an Asian Journal</i> , 2014, 9, 915-923.	1.7	12
76	The first representative of a new family of the bridgehead-modified difluoromethylenated homofullerenes: electrochemical properties and synthetic availability. <i>Electrochimica Acta</i> , 2015, 174, 143-154.	2.6	12
77	Theoretical Study of Isomerization Mechanisms in Fluorinated Fullerene Derivatives. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10833-10838.	1.1	11
78	Synthesis and molecular structure of pentafluoroethyl derivatives of C70: C70(C2F5)8 and C70(C2F5)10. <i>Dalton Transactions</i> , 2009, , 2740.	1.6	11
79	Trifluoromethyl Derivatives of a Monometallic Cyanide Cluster Fullerene, YCN@C <sub>82</sub> (6)(CF <sub>3</sub> ) <sub>16/18</sub> . <i>Inorganic Chemistry</i> , 2016, 55, 12523-12526.	1.9	11
80	Synthesis, structure and theoretical study of mixed fluoro-trifluoromethyl derivatives of C60. Molecular structures of C60F18(CF3)6 and C60F16(CF3)6. <i>Dalton Transactions</i> , 2008, , 2627.	1.6	10
81	Isosteric and fluorescent DNA base pair formed by 4-amino-phthalimide and 2,4-diaminopyrimidine: melting, structure, and THz polar solvation dynamics. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6813-6820.	1.3	10
82	Photoisomerization pathways and Raman activity of 1,1-difluorostilbene. <i>Journal of Chemical Physics</i> , 2017, 146, 044501.	1.2	10
83	Highly Fluorescent Pyrido[2,3-b]indolizine-10-Carbonitriles through Pseudo Three-Component Reactions of N-(Cyanomethyl)pyridinium Salts. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6770-6775.	1.2	10
84	Time-Resolved Photochemistry of Stiffened Stilbenes. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4291-4300.	1.2	10
85	The enthalpy of formation of fullerene fluoride C60F18 and the C-F bond energy. <i>Russian Journal of Physical Chemistry A</i> , 2007, 81, 1560-1564.	0.1	9
86	New isomers of trifluoromethylated fullerene: C60(CF3)12 and C60(CF3)14. <i>Russian Chemical Bulletin</i> , 2008, 57, 2526-2534.	0.4	9
87	Stepwise Regioselective Hydrogenation of cis-C <sub>60</sub> (CF <sub>2</sub> ) <sub>2</sub> Homofullerene with [6,6]-Open/Closed Valence Tautomerism. <i>Chemistry - A European Journal</i> , 2016, 22, 15485-15490.	1.7	9
88	Novel possibilities in the study of isolated carbon nanotubes. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1372-1376.	0.7	8
89	Photoisomerization around a Fulvene Double Bond: Coherent Population Transfer to the Electronic Ground State?. <i>ChemPhysChem</i> , 2011, 12, 1860-1871.	1.0	8
90	Negatively charged singly-bonded dimers of C <sub>70</sub> I-C <sub>70</sub> (CF <sub>3</sub> ) <sub>10</sub> and bare C <sub>70</sub> fullerene. <i>New Journal of Chemistry</i> , 2019, 43, 2726-2733.	1.4	8

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91	Addition of CF <sub>2</sub> group to endohedral fullerene Sc <sub>3</sub> N@I <sub>h</sub> -C <sub>80</sub> . Dalton Transactions, 2020, 49, 9137-9147.	1.6	8
92	Investigation of temperature dependence of photoluminescence for fluorinated fullerene thin films. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 221-224.	0.7	7
93	Tightly Bound Double-Caged [60]Fullerene Derivatives with Enhanced Solubility: Structural Features and Application in Solar Cells. Chemistry - an Asian Journal, 2017, 12, 1075-1086.	1.7	7
94	Photoisomerization dynamics of <i>trans-trans</i> , <i>cis-trans</i> , and <i>cis-cis</i> diphenylbutadiene from broadband transient absorption spectroscopy and calculations. Journal of Chemical Physics, 2020, 152, 224305.	1.2	7
95	Transient Rotamerism and Photoisomerization Dynamics of <i>trans</i> - and <i>cis</i> -Naphthylstilbene. Journal of Physical Chemistry B, 2020, 124, 1049-1064.	1.2	7
96	Computational Study of Structure and Thermochemistry of Some Endo- and Exohedral Fullerene Derivatives. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 169-173.	1.0	6
97	Orienting Effect of the Cage Addends: The Case of Nucleophilic Cyclopropanation of C <sub>2</sub> -C <sub>70</sub> (CF <sub>3</sub> ) <sub>8</sub> . Chemistry - an Asian Journal, 2015, 10, 1370-1378.	1.7	6
98	Facile Separation, Spectroscopic Identification, and Electrochemical Properties of Higher Trifluoromethylated Derivatives of [70]Fullerene. Chemistry - an Asian Journal, 2018, 13, 1920-1931.	1.7	6
99	Electronic Communication between S = 1/2 Spins in Negatively Charged Double-Caged Fullerene C <sub>60</sub> Derivative Bonded by Two Single Bonds and Pyrrolizidine Bridge. Chemistry - an Asian Journal, 2019, 14, 1958-1964.	1.7	6
100	Dissociative Electron Attachment to 2,3,6,7,10,11-Hexabromotriphenylene. Journal of Physical Chemistry A, 2020, 124, 690-694.	1.1	6
101	Electron affinity and suppression effect in analysis of chlorofullerenes by MALDI mass spectrometry. Russian Chemical Bulletin, 2005, 54, 1121-1124.	0.4	5
102	7-Amino-dibenzofuran-3-carboxylate: A new probe for femtosecond dynamic microsolvation studies of biomolecules. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 234, 164-170.	2.0	5
103	Crippling the C <sub>70</sub> fullerene: non-classical C <sub>68</sub> Cl <sub>26</sub> (OH) <sub>2</sub> and C <sub>68</sub> Cl <sub>25</sub> (OH) <sub>3</sub> with three heptagons and only fused pentagons <i>via</i> chlorination-promoted skeletal transformations. Chemical Communications, 2022, 58, 6910-6921.	2.2	5
104	Regioselective Synthesis of [6,6]-Open and [5,6]-Closed C <sub>70</sub> (CF <sub>3</sub> ) <sub>8</sub> [CH <sub>2</sub> ] <sub>2</sub> Methanofullerenes with Rapid [6,6]-to-[5,6] Phototransformation. European Journal of Organic Chemistry, 2018, 2018, 750-758.	1.2	4
105	Evaluating the Solvent Stark Effect from Temperature-Dependent Solvatochromic Shifts of Anthracene. ChemPhysChem, 2020, 21, 610-615.	1.0	4
106	Electrochemically Induced Dimerization of <i>p</i> <sup>9</sup> <i>mp</i> -C <sub>70</sub> (CF <sub>3</sub> ) <sub>12</sub> Trifluoromethylated Fullerene. Journal of Physical Chemistry A, 2021, 125, 7876-7883.	1.1	4
107	Regioselective CF <sub>2</sub> functionalization of Sc <sub>3</sub> N@D <sub>3h</sub> (5)-C <sub>78</sub> . Dalton Transactions, 2022, 51, 1182-1190.	1.6	4
108	In Situ Very-High-Energy Diffraction Studies of Thermal Decomposition of Transition Metal Trifluorides. Bulletin of the Chemical Society of Japan, 2003, 76, 1165-1169.	2.0	3



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109	Smooth and Jump-like Metal-Dielectric Transitions in Single-Walled Carbon Nanotubes under Functionalization. ACS Nano, 2010, 4, 6260-6266.	7.3	3
110	Substitution pattern dependent behavior of the singlet excited states in symmetrically fluorinated biphenyls. Physical Chemistry Chemical Physics, 2021, 23, 22067-22077.	1.3	3
111	A model of perealkylation reactions of trifluoromethyl derivatives of fullerenes C60 and C70. Moscow University Chemistry Bulletin, 2010, 65, 358-361.	0.2	1
112	Positive and negative signal and line shape in stimulated Raman spectroscopy: Resonance femtosecond Raman spectra of diphenylbutadiene. Journal of Chemical Physics, 2022, 156, 084304.	1.2	1
113	Dissociative Electron Attachment to Hexachlorobenzene. ChemPhysChem, 2022, 23, .	1.0	1
114	In situ Very-High-Energy Diffraction Studies of Thermal Decomposition of Transition Metal Trifluorides.. ChemInform, 2003, 34, no.	0.1	0
115	C74F38: An Exohedral Derivative of a Small-Bandgap Fullerene with D3 Symmetry.. ChemInform, 2004, 35, no.	0.1	0
116	In situ Synthesis and Characterization of Fullerene Derivatives by Knudsen-Cell Mass Spectrometry. ChemInform, 2004, 35, no.	0.1	0
117	Synthesis and Structure of the Highly Chlorinated [60]Fullerene C60Cl30 with a Drum-Shaped Carbon Cage.. ChemInform, 2005, 36, no.	0.1	0
118	Trifluoromethylated Endohedral Metallofullerenes: Synthesis and Characterization of Y@C82(CF3)5.. ChemInform, 2005, 36, no.	0.1	0