

Natalia B Shustova

List of Publications by Year in descending order

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115
papers

6,391
citations

66315

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66879

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126
all docs

126
docs citations

126
times ranked

5835
citing authors

#	ARTICLE	IF	CITATIONS
1	Turn-On Fluorescence in Tetraphenylethylene-Based Metal-Organic Frameworks: An Alternative to Aggregation-Induced Emission. <i>Journal of the American Chemical Society</i> , 2011, 133, 20126-20129.	6.6	623
2	Photochemistry and photophysics of MOFs: steps towards MOF-based sensing enhancements. <i>Chemical Society Reviews</i> , 2018, 47, 4710-4728.	18.7	478
3	Selective Turn-On Ammonia Sensing Enabled by High-Temperature Fluorescence in Metal-Organic Frameworks with Open Metal Sites. <i>Journal of the American Chemical Society</i> , 2013, 135, 13326-13329.	6.6	409
4	Phenyl Ring Dynamics in a Tetraphenylethylene-Bridged Metal-Organic Framework: Implications for the Mechanism of Aggregation-Induced Emission. <i>Journal of the American Chemical Society</i> , 2012, 134, 15061-15070.	6.6	368
5	Photophysics Modulation in Photoswitchable Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2020, 120, 8790-8813.	23.0	275
6	Energy Transfer on Demand: Photoswitch-Directed Behavior of Metal-Porphyrin Frameworks. <i>Journal of the American Chemical Society</i> , 2014, 136, 11886-11889.	6.6	188
7	Electronic Properties of Bimetallic Metal-Organic Frameworks (MOFs): Tailoring the Density of Electronic States through MOF Modularity. <i>Journal of the American Chemical Society</i> , 2017, 139, 5201-5209.	6.6	178
8	Conformational Locking by Design: Relating Strain Energy with Luminescence and Stability in Rigid Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2012, 134, 19596-19599.	6.6	176
9	Electrochemical, Spectroscopic, and DFT Study of $C_{60}(CF_3)_3$ Frontier Orbitals ($n = 2 \sim 18$): The Link between Double Bonds in Pentagons and Reduction Potentials. <i>Journal of the American Chemical Society</i> , 2007, 129, 11551-11568.	6.6	145
10	Synthesis and Structure of the Highly Chlorinated [60]Fullerene $C_{60}Cl_{30}$ with a Drum-Shaped Carbon Cage. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 234-237.	7.2	132
11	Trifluoromethyl Derivatives of Insoluble Small-HOMO-LUMO-Gap Hollow Higher Fullerenes. NMR and DFT Structure Elucidation of $C_2-(C_{74}-D_{3h})(CF_3)_{12}$, $Cs-(C_{76}-T_d)(CF_3)_{12}$, $C_2-(C_{78}-D_{3h}(5))(CF_3)_{12}$, $Cs-(C_{80}-C_{2v}(5))(CF_3)_{12}$, and $C_2-(C_{82}-C_2(5))(CF_3)_{12}$. <i>Journal of the American Chemical Society</i> , 2006, 128, 15793-15798.	6.6	118
12	Flipping the Switch: Fast Photoisomerization in a Confined Environment. <i>Journal of the American Chemical Society</i> , 2018, 140, 7611-7622.	6.6	110
13	Multifaceted Modularity: A Key for Stepwise Building of Hierarchical Complexity in Actinide Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 16852-16861.	6.6	107
14	Hierarchical Materials as Tailored Nuclear Waste Forms: A Perspective. <i>Chemistry of Materials</i> , 2018, 30, 4475-4488.	3.2	98
15	Synthesis and X-ray or NMR/DFT Structure Elucidation of Twenty-One New Trifluoromethyl Derivatives of Soluble Cage Isomers of C_{76} , C_{78} , C_{84} , and C_{90} . <i>Journal of the American Chemical Society</i> , 2008, 130, 13471-13489.	6.6	91
16	Actinide-based MOFs: a middle ground in solution and solid-state structural motifs. <i>Chemical Communications</i> , 2018, 54, 6472-6483.	2.2	91
17	Perfluoroalkylfullerenes. <i>Chemical Reviews</i> , 2015, 115, 1051-1105.	23.0	90
18	Connecting Wires: Photoinduced Electronic Structure Modulation in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 5350-5358.	6.6	90

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19	Active Sites in Copper-Based Metal-Organic Frameworks: Understanding Substrate Dynamics, Redox Processes, and Valence-Band Structure. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27457-27466.	1.5	87
20	Radical Trifluoromethylation of Sc ₃ N@C ₈₀ . <i>Journal of the American Chemical Society</i> , 2007, 129, 11676-11677.	6.6	85
21	Confinement-guided photophysics in MOFs, COFs, and cages. <i>Chemical Society Reviews</i> , 2021, 50, 4382-4410.	18.7	84
22	Mimic of the Green Fluorescent Protein β -Barrel: Photophysics and Dynamics of Confined Chromophores Defined by a Rigid Porous Scaffold. <i>Journal of the American Chemical Society</i> , 2015, 137, 2223-2226.	6.6	82
23	Heterometallic Metal-Organic Frameworks (MOFs): The Advent of Improving the Energy Landscape. <i>ACS Energy Letters</i> , 2019, 4, 1938-1946.	8.8	76
24	Synthesis, Spectroscopic and Electrochemical Characterization, and DFT Study of Seventeen C ₇₀ (CF ₃) _n Derivatives (n=2, 4, 6, 8, 10, 12). <i>Chemistry - A European Journal</i> , 2008, 14, 107-121.	1.7	73
25	Poly(perfluoroalkylation) of Metallic Nitride Fullerenes Reveals Addition-Pattern Guidelines: Synthesis and Characterization of a Family of Sc ₃ N@C ₈₀ (CF ₃) _n (n=2 ¹⁶) and Their Radical Anions. <i>Journal of the American Chemical Society</i> , 2011, 133, 2672-2690.	6.6	73
26	Thermodynamics and Electronic Properties of Heterometallic Multinuclear Actinide-Containing Metal-Organic Frameworks with α -Structural Memory. <i>Journal of the American Chemical Society</i> , 2019, 141, 11628-11640.	6.6	71
27	Metal-Organic Frameworks as a Versatile Tool To Study and Model Energy Transfer Processes. <i>Chemistry - A European Journal</i> , 2015, 21, 15474-15479.	1.7	69
28	Host-Guest Interactions in a Metal-Organic Framework Isorecticular Series for Molecular Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17854-17860.	7.2	69
29	Preparation and Structural Characterization of Two Kinetically Stable Chlorofullerenes, C ₆₀ Cl ₂₈ and C ₆₀ Cl ₃₀ . <i>Angewandte Chemie - International Edition</i> , 2005, 44, 432-435.	7.2	65
30	C ₁ @C ₈₄ (C ₂) ₁₂ (CF ₃) ₁₂ : Trifluoromethylation Yields Structural Proof of a Minor C ₈₄ Cage and Reveals a Principle of Higher Fullerene Reactivity. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6204-6207.	7.2	63
31	Fulleretic Materials: Buckyball- and Buckybowl-Based Crystalline Frameworks. <i>Chemistry of Materials</i> , 2017, 29, 7054-7061.	3.2	62
32	Discovering and Verifying Elusive Fullerene Cage Isomers: Structures of C ₂ -p11-(C ₇₄ -D _{3h})(CF ₃) ₁₂ and C ₂ -p11-(C ₇₈ -D _{3h} (5))(CF ₃) ₁₂ . <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4111-4114.	7.2	61
33	Sc ₃ N@C ₈₀ -I _h (7)(CF ₃) ₁₄ and Sc ₃ N@C ₈₀ -I _h (7)(CF ₃) ₁₆ . Endohedral Metallofullerene Derivatives with Exohedral Addends on Four and Eight Triple-Hexagon Junctions. Does the Sc ₃ N Cluster Control the Addition Pattern or Vice Versa?. <i>Journal of the American Chemical Society</i> , 2009, 131, 17600-17607.	6.6	59
34	Soluble Chlorofullerenes C ₆₀ Cl _{2,4,6,8,10} . Synthesis, Purification, Compositional Analysis, Stability, and Experimental/Theoretical Structure Elucidation, Including the X-ray Structure of C ₁ -C ₆₀ Cl ₁₀ . <i>Journal of the American Chemical Society</i> , 2010, 132, 6443-6462.	6.6	57
35	A Bio-Inspired Approach for Chromophore Communication: Ligand-Ligand and Host-Guest Energy Transfer in Hybrid Crystalline Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13639-13643.	7.2	57
36	Metal-organic framework photophysics: Optoelectronic devices, photoswitches, sensors, and photocatalysts. <i>MRS Bulletin</i> , 2016, 41, 890-896.	1.7	57

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37	Thermally Stable Perfluoroalkylfullerenes with the Skew-Pentagonal-Pyramid Pattern: C ₆₀ (C ₂ F ₅) ₄₀ , C ₆₀ (CF ₃) ₄₀ , and C ₆₀ (CF ₃) ₆ . <i>Journal of the American Chemical Society</i> , 2006, 128, 12268-12280.	6.6	53
38	Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8072-8080.	7.2	51
39	Synthesis and structural characterization of highly chlorinated C ₇₀ , C ₇₀ Cl ₂₈ . <i>Chemical Communications</i> , 2005, , 72.	2.2	48
40	Redox-Active Corannulene Buckybowls in a Crystalline Hybrid Scaffold. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2195-2199.	7.2	45
41	Preparation and crystallographic characterization of C ₆₀ Cl ₂₄ . <i>Chemical Communications</i> , 2005, , 1411.	2.2	43
42	Fulleretic Well-Defined Scaffolds: Donor-Fullerene Alignment Through Metal Coordination and Its Effect on Photophysics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9070-9074.	7.2	43
43	Beyond structural motifs: the frontier of actinide-containing metal-organic frameworks. <i>Chemical Science</i> , 2021, 12, 7214-7230.	3.7	43
44	Redox-Tuning Endohedral Fullerene Spin States: From the Dication to the Trianion Radical of Sc ₃ N@C ₈₀ (CF ₃) ₂ in Five Reversible Single-Electron Steps. <i>Chemistry - A European Journal</i> , 2010, 16, 4721-4724.	1.7	42
45	Photophysics, Dynamics, and Energy Transfer in Rigid Mimics of GFP-based Systems. <i>Inorganic Chemistry</i> , 2016, 55, 7257-7264.	1.9	40
46	Stack the Bowls: Tailoring the Electronic Structure of Corannulene-Integrated Crystalline Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11310-11315.	7.2	38
47	Stimuli-Modulated Metal Oxidation States in Photochromic MOFs. <i>Journal of the American Chemical Society</i> , 2022, 144, 4457-4468.	6.6	37
48	Let the light be a guide: Chromophore communication in metal-organic frameworks. <i>Nano Research</i> , 2021, 14, 338-354.	5.8	36
49	X-ray structure and DFT study of C ₁ -C ₆₀ (CF ₃) ₁₂ . A high-energy, kinetically-stable isomer prepared at 500 Å°C. <i>Chemical Communications</i> , 2007, , 1650-1652.	2.2	34
50	Hierarchical Corannulene-Based Materials: Energy Transfer and Solid-State Photophysics. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4525-4529.	7.2	34
51	Synthesis and structures of C ₆₀ fullerene chlorides. <i>Russian Chemical Bulletin</i> , 2005, 54, 1656-1666.	0.4	32
52	Dynamically Controlled Electronic Behavior of Stimuli-Responsive Materials: Exploring Dimensionality and Connectivity. <i>Advanced Energy Materials</i> , 2022, 12, 2100441.	10.2	32
53	Selective Catalytic Chemistry at Rhodium(II) Nodes in Bimetallic Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16533-16537.	7.2	29
54	Nitrogen Directs Multiple Radical Additions to the 9,9-diaza-C ₆₀ -h ₅ [5,6]fullerene: X-ray Structure of 6,9,12,15,18-C ₅₉ N(CF ₃) ₅ . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5537-5540.	7.2	28

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55	Substituent effects in a series of 1,7-C ₆₀ (RF) ₂ compounds (RF = CF ₃ , C ₂ F ₅ , n-C ₃ F ₇ , i-C ₃ F ₇ , n-C ₄ F ₉ , s-C ₄ F ₉ .) <i>Tetrahedron Letters</i> , 2012, 53, 1399-1402.	3.7	25
56	Electronic structures and magnetism of Zr-, Th-, and U-based metal-organic frameworks (MOFs) by density functional theory. <i>Computational Materials Science</i> , 2020, 184, 109903.	1.4	25
57	Inkjet-Printed Photoluminescent Patterns of Aggregation-Induced-Emission Chromophores on Surface-Anchored Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25754-25762.	4.0	23
58	Confinement-Driven Photophysics in Cages, Covalent Organic Frameworks, Metal-Organic Frameworks, and DNA. <i>Journal of the American Chemical Society</i> , 2020, 142, 4769-4783.	6.6	23
59	Boarding-Up Radiation Damage and Radionuclide Leaching Kinetics in Linker-Capped Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 179-183.	1.9	22
60	Anion-exchanged and quaternary ammonium functionalized MIL-101-Cr metal-organic framework (MOF) for ReO ₄ ⁻ /TcO ₄ ⁻ sequestration from groundwater. <i>Journal of Environmental Radioactivity</i> , 2020, 222, 106372.	0.9	22
61	Chemical tailoring of fullerene acceptors: synthesis, structures and electrochemical properties of perfluoroisopropylfullerenes. <i>Chemical Communications</i> , 2011, 47, 875-877.	2.2	20
62	In Search of Fullerene-Based Supercacids: Synthesis, X-ray Structure, and DFT Study of C ₆₀ (C ₂ F ₅) ₅ H. <i>Chemistry - A European Journal</i> , 2011, 17, 8799-8802.	1.7	20
63	A metal-organic framework as a flask: photophysics of confined chromophores with a benzylidene imidazolinone core. <i>Chemical Communications</i> , 2017, 53, 7361-7364.	2.2	20
64	A Multivariate Toolbox for Donor-Acceptor Alignment: MOFs and COFs. <i>Trends in Chemistry</i> , 2020, 2, 367-382.	4.4	20
65	A Dual Threat: Redox Activity and Electronic Structures of Well-Defined Donor-Acceptor Fullerene Covalent Organic Materials. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6000-6006.	7.2	20
66	High-temperature and photochemical syntheses of C ₆₀ and C ₇₀ fullerene derivatives with linear perfluoroalkyl chains. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1198-1212.	0.9	19
67	ESR/Vis/NIR Spectroelectrochemical Study of C ₇₀ (CF ₃) ₂ and C ₇₀ (C ₂ F ₅) ₂ Radical Anions. <i>ChemPhysChem</i> , 2008, 9, 431-438.	1.0	17
68	Regioselective Sequential Additions of Nucleophiles and Electrophiles to Perfluoroalkylfullerenes: Which Cage C Atoms Are the Most Reactive and Why?. <i>Chemistry - A European Journal</i> , 2013, 19, 5070-5080.	1.7	17
69	Redox-Active Corannulene Buckybowls in a Crystalline Hybrid Scaffold. <i>Angewandte Chemie</i> , 2016, 128, 2235-2239.	1.6	16
70	Direct Identification of Mixed-Metal Centers in Metal-Organic Frameworks: Cu ₃ (BTC) ₂ Transmetalated with Rh ²⁺ Ions. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8138-8144.	2.1	16
71	Fullerene Well-Defined Scaffolds: Donor-Fullerene Alignment Through Metal Coordination and Its Effect on Photophysics. <i>Angewandte Chemie</i> , 2016, 128, 9216-9220.	1.6	15
72	Unraveling the Electron Spin Resonance Pattern of Nonsymmetric Radicals with 30 Fluorine Atoms: Electron Spin Resonance and Vis-Near-Infrared Spectroelectrochemistry of the Anion Radicals and Dianions of C ₆₀ (CF ₃) _{2n} (2n = 2-10) Derivatives and Density Functional Theory-Assisted Assignment. <i>Journal of the American Chemical Society</i> , 2010, 132, 11709-11721.	6.6	14

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73	Heterometallic multinuclear nodes directing MOF electronic behavior. <i>Chemical Science</i> , 2020, 11, 7379-7389.	3.7	14
74	Crystal structure of C ₆₀ Cl ₆ prepared by a reaction of C ₆₀ with POCl ₃ . <i>Mendeleev Communications</i> , 2006, 16, 209-210.	0.6	13
75	Hierarchical Corannulene-Based Materials: Energy Transfer and Solid-State Photophysics. <i>Angewandte Chemie</i> , 2017, 129, 4596-4600.	1.6	13
76	Wirtel-Gastwechselwirkungen in einer Serie isoretikulärer Metallorganischer Gerüststrukturen für molekulare photokatalytische CO ₂ -Reduktion. <i>Angewandte Chemie</i> , 2021, 133, 17998-18004.	1.6	13
77	Saturnene Revealed: X-ray Crystal Structure of C ₅₅ D ₅ -C ₆₀ F ₂₀ Formed in Reactions of C ₆₀ with AX ₃ MF ₃ Fluorinating Agents (A=Alkali Metal; M=3d Metal). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 812-815.	7.2	12
78	Sequestration of Radionuclides in Metal-Organic Frameworks from Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26842-26855.	1.5	12
79	Graphitic supramolecular architectures based on corannulene, fullerene, and beyond. <i>Chemical Communications</i> , 2021, 57, 10125-10138.	2.2	12
80	Photoresponsive frameworks: energy transfer in the spotlight. <i>Faraday Discussions</i> , 2021, 231, 266-280.	1.6	11
81	Supramolecular Assembly of Metal-Organic Tubes Constructed from the Ditopic Heteroscorpionate Ligand (4-NH ₂ C ₆ H ₄)CHp ₂ (pz = Pyrazolyl) and Silver(I). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2615-2625.	1.0	10
82	A Metal-Organic Framework (MOF)-Based Multifunctional Cargo Vehicle for Reactive Gas Delivery and Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
83	An elusive fulvene 1,7,11,24-C ₆₀ (CF ₃) ₄ and its unusual reactivity. <i>Chemical Communications</i> , 2014, 50, 1205-1208.	2.2	9
84	Stack the Bowls: Tailoring the Electronic Structure of Corannulene-Integrated Crystalline Materials. <i>Angewandte Chemie</i> , 2018, 130, 11480-11485.	1.6	9
85	Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. <i>Angewandte Chemie</i> , 2021, 133, 8152-8160.	1.6	9
86	1,6,11,18,24,27,52,55-Octakis(trifluoromethyl)-1,6,11,18,24,27,52,55-octahydro(C ₆₀ -Ih)[5,6]fullerene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3154-o3156.	0.2	8
87	A Dual Threat: Redox Activity and Electronic Structures of Well-Defined Donor-Acceptor Fulleretic Covalent-Organic Materials. <i>Angewandte Chemie</i> , 2020, 132, 6056-6062.	1.6	8
88	Selective Catalytic Chemistry at Rhodium(II) Nodes in Bimetallic Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 16685-16689.	1.6	7
89	Growth of Crystalline Bimetallic Metal-Organic Framework Films via Transmetalation. <i>Langmuir</i> , 2020, 36, 9900-9908.	1.6	6
90	Electron affinity and suppression effect in analysis of chlorofullerenes by MALDI mass spectrometry. <i>Russian Chemical Bulletin</i> , 2005, 54, 1121-1124.	0.4	5

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91	1,6,11,18,24,27,33,51,54,60-Decakis(trifluoromethyl)-1,6,11,18,24,27,33,51,54,60-decahydro(C ₆₀)- <i>h</i> [5,6]fullerene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3129-o3129.	0.2	5
92	Broken-hearted carbon bowl via electron shuttle reaction: energetics and electron coupling. Chemical Science, 2021, 12, 6600-6606.	3.7	5
93	1,3,7,10,14,17,21,28,31,42,52,55-Dodecakis(trifluoromethyl)-1,3,7,10,14,17,21,28,31,42,52,55-dodecahydro(C ₆₀)- <i>h</i> [5,6]fullerene. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o159-o159.	0.2	5
94	1,6,11,16,18,24,27,36-Octakis(trifluoromethyl)-1,6,11,16,18,24,27,36-octahydro(C ₆₀)- <i>h</i> [5,6]fullerene deuteriochloroform solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3398-o3398.	0.2	4
95	1,7,16,30,36,47-Hexakis(perfluoroisopropyl)-1,7,16,30,36,47-hexahydro(C ₆₀)- <i>h</i> [5,6]fullerene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4575-o4575.	0.2	3
96	Mechanistic Investigations of Gas-Phase Catalytic Hydrogenation in Metal-Organic Frameworks: Cooperative Activity of the Metal and Linker Sites in Cu ₂ Rh ₃ (BTC) ₂ . Journal of Physical Chemistry C, 2022, 126, 11553-11565.	1.5	3
97	Fluorination of the cubic and hexagonal C ₆₀ modifications by crystalline manganese trifluoride. Physics of the Solid State, 2002, 44, 629-630.	0.2	2
98	Negative Ions of Trifluoromethyl Fullerene Derivatives: First Thermodynamic Data. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 201-207.	1.0	2
99	1,4,7,11,18,21,24,31,35,39,51,58,61,64-Tetradecakis(trifluoromethyl)-1,4,7,11,18,21,24,31,35,39,51,58,61,64-tetradecahydro(C ₆₀)- <i>h</i> [5,6]fullerene trisolvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3928-o3929.	0.2	2
100	Molecular and Crystal Structure of the C ₆₀ F ₁₈ Adducts with Bromine and Carbon Disulfide. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 597-602.	1.0	2
101	Leaching model of radionuclides in metal-organic framework particles. Computational Materials Science, 2022, 201, 110886.	1.4	2
102	Keeping COFs in the loop. Nature Chemistry, 2022, 14, 485-486.	6.6	2
103	1,4,10,19,25,41,55,60,67,69-Decakis(trifluoromethyl)-1,4,10,19,25,41,55,60,67,69-decahydro(C ₇₀)- <i>D</i> [5,6]fullerene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4073-o4073.	0.2	1
104	Perfluoroalkylation of Fullerenes. World Scientific Series on Carbon Nanoscience, 2011, , 101-143.	0.1	1
105	Playing Jenga with MOFs: De-interpenetration for pore opening. Chem, 2022, 8, 325-326.	5.8	1
106	Structure of 7,9,12,15,18,20,39,24,45,57-C ₆₀ (CF ₃) ₁₀ (1,2:3,4-O) ₂ . The first regiospecific diepoxidation of a fullerene derivative. Acta Chimica Slovenica, 2013, 60, 577-82.	0.2	1
107	Synthesis and Structure of the Highly Chlorinated [60]Fullerene C ₆₀ Cl ₃₀ with a Drum-Shaped Carbon Cage.. ChemInform, 2005, 36, no.	0.1	0
108	Preparation and Structural Characterization of Two Kinetically Stable Chlorofullerenes, C ₆₀ Cl ₂₈ and C ₆₀ Cl ₃₀ .. ChemInform, 2005, 36, no.	0.1	0

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109	Preparation and Crystallographic Characterization of C ₆₀ Cl ₂₄ .. ChemInform, 2005, 36, no.	0.1	0
110	Fine-Tuning Redox Properties of Perfluoroalkylated Fullerenes: Playing with Perfluoroalkyl Groups and Addition Motifs. ECS Meeting Abstracts, 2011, , .	0.0	0
111	Titelbild: Redox-Active Corannulene Buckybowls in a Crystalline Hybrid Scaffold (Angew. Chem. 6/2016). Angewandte Chemie, 2016, 128, 1963-1963.	1.6	0
112	Frontispiece: Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
113	Frontispiz: Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. Angewandte Chemie, 2021, 133, .	1.6	0
114	A MOF Multifunctional Cargo Vehicle for Reactive Gas Delivery and Catalysis. Angewandte Chemie, 0, , .	1.6	0
115	Editorial for the Special Issue: Dimensionality of Emerging Materials and Energy. Advanced Energy Materials, 2022, 12, .	10.2	0