

Giancarlo Terraneo

List of Publications by Year in descending order

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156
papers

11,548
citations

57758

44
h-index

28297

105
g-index

166
all docs

166
docs citations

166
times ranked

9259
citing authors

#	ARTICLE	IF	CITATIONS
1	The Halogen Bond. <i>Chemical Reviews</i> , 2016, 116, 2478-2601.	47.7	2,906
2	Halogen Bonding in Supramolecular Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6114-6127.	13.8	1,446
3	Halogen bonding: a general route in anion recognition and coordination. <i>Chemical Society Reviews</i> , 2010, 39, 3772.	38.1	443
4	¹⁹ F Magnetic Resonance Imaging (MRI): From Design of Materials to Clinical Applications. <i>Chemical Reviews</i> , 2015, 115, 1106-1129.	47.7	401
5	Halogen bonding in halocarbon-protein complexes: a structural survey. <i>Chemical Society Reviews</i> , 2011, 40, 2267.	38.1	399
6	The Chalcogen Bond in Crystalline Solids: A World Parallel to Halogen Bond. <i>Accounts of Chemical Research</i> , 2019, 52, 1313-1324.	15.6	333
7	Halogen bonding in metal-organic-supramolecular networks. <i>Coordination Chemistry Reviews</i> , 2010, 254, 677-695.	18.8	332
8	Definition of the chalcogen bond (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2019, 91, 1889-1892.	1.9	322
9	Fluorine-Centered Halogen Bonding: A Factor in Recognition Phenomena and Reactivity. <i>Crystal Growth and Design</i> , 2011, 11, 4238-4246.	3.0	225
10	The fluorine atom as a halogen bond donor, viz. a positive site. <i>CrystEngComm</i> , 2011, 13, 6593.	2.6	217
11	Naming Interactions from the Electrophilic Site. <i>Crystal Growth and Design</i> , 2014, 14, 2697-2702.	3.0	190
12	Halogen Bonding versus Hydrogen Bonding in Driving Self-Assembly and Performance of Light-Responsive Supramolecular Polymers. <i>Advanced Functional Materials</i> , 2012, 22, 2572-2579.	14.9	178
13	Anion coordination and anion-templated assembly under halogen bonding control. <i>CrystEngComm</i> , 2009, 11, 1187.	2.6	158
14	Structure-Function Relationships in Liquid-Crystalline Halogen-Bonded Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 9511-9524.	3.3	117
15	Mesogenic, trimeric, halogen-bonded complexes from alkoxystilbazoles and 1,4-diodotetrafluorobenzene. <i>New Journal of Chemistry</i> , 2008, 32, 477-482.	2.8	114
16	2-Iodo-imidazolium receptor binds oxoanions via charge-assisted halogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1329.	2.8	113
17	A Superfluorinated Molecular Probe for Highly Sensitive <i>in Vivo</i> ¹⁹ F-MRI. <i>Journal of the American Chemical Society</i> , 2014, 136, 8524-8527.	13.7	113
18	Mutual induced coordination in halogen-bonded anionic assemblies with (6,3) cation-templated topologies. <i>Chemical Communications</i> , 2008, , 1635.	4.1	100

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19	Halogen Bonding and Pharmaceutical Cocrystals: The Case of a Widely Used Preservative. <i>Molecular Pharmaceutics</i> , 2013, 10, 1760-1772.	4.6	99
20	A Simple Model System for the Study of Carbohydrate-Aromatic Interactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 2890-2900.	13.7	98
21	Dimensional encapsulation of I_2 in an organic salt crystal matrix. <i>Chemical Communications</i> , 2010, 46, 2724.	4.1	89
22	Dynamic Characterization of Crystalline Supramolecular Rotors Assembled through Halogen Bonding. <i>Journal of the American Chemical Society</i> , 2015, 137, 15386-15389.	13.7	88
23	Supramolecular amplification of amyloid self-assembly by iodination. <i>Nature Communications</i> , 2015, 6, 7574.	12.8	88
24	Supramolecular hierarchy among halogen and hydrogen bond donors in light-induced surface patterning. <i>Journal of Materials Chemistry C</i> , 2015, 3, 759-768.	5.5	87
25	An Adaptable and Dynamically Porous Organic Salt Traps Unique Tetrahalide Dianions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13444-13448.	13.8	73
26	Rotational Dynamics of Diazabicyclo[2.2.2]octane in Isomorphous Halogen-Bonded Co-crystals: Entropic and Enthalpic Effects. <i>Journal of the American Chemical Society</i> , 2017, 139, 843-848.	13.7	71
27	Fluorinated elements of Group 15 as pnictogen bond donor sites. <i>Journal of Fluorine Chemistry</i> , 2017, 203, 62-74.	1.7	71
28	C(sp ³) atoms as tetrel bond donors: A crystallographic survey. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213265.	18.8	69
29	Self-Complementary Nonlinear Optical-Phores Targeted to Halogen Bond-Driven Self-Assembly of Electro-Optic Materials. <i>Crystal Growth and Design</i> , 2011, 11, 5642-5648.	3.0	67
30	Hydrogen and halogen bonding drive the orthogonal self-assembly of an organic framework possessing 2D channels. <i>Chemical Communications</i> , 2012, 48, 8207.	4.1	63
31	Halide anions driven self-assembly of haloperfluoroarenes: Formation of one-dimensional non-covalent copolymers. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1171-1177.	1.7	60
32	Halogen bond directionality translates tecton geometry into self-assembled architecture geometry. <i>CrystEngComm</i> , 2013, 15, 3102.	2.6	60
33	Anion...Anion Interactions Involving H^+ Holes of Perrhenate, Pertechnetate and Permanganate Anions. <i>ChemPhysChem</i> , 2021, 22, 2281-2285.	2.1	60
34	Molecular Electrostatic Potential and Noncovalent Interactions in Derivatives of Group 8 Elements. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20723-20727.	13.8	58
35	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6300-6304.	13.8	56
36	Fluorination promotes chalcogen bonding in crystalline solids. <i>CrystEngComm</i> , 2017, 19, 4955-4959.	2.6	53

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37	Dimensional caging of polyiodides: cation-templated synthesis using bipyridinium salts. <i>CrystEngComm</i> , 2011, 13, 4411.	2.6	50
38	Integration of plasmonic Au nanoparticles in TiO ₂ hierarchical structures in a single-step pulsed laser co-deposition. <i>Materials and Design</i> , 2018, 156, 311-319.	7.0	49
39	Halide anion-templated assembly of di- and triiodoperfluorobenzenes into 2D and 3D supramolecular networks. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1165-1172.	1.7	48
40	Interplay between Structural and Dielectric Features of New Low k Hybrid Organic–Organometallic Supramolecular Ribbons. <i>Crystal Growth and Design</i> , 2012, 12, 297-305.	3.0	48
41	Polymorphs and co-crystals of haloprogin: an antifungal agent. <i>CrystEngComm</i> , 2014, 16, 5897-5904.	2.6	48
42	Orthogonal halogen and hydrogen bonds involving a peptide bond model. <i>CrystEngComm</i> , 2014, 16, 8102-8105.	2.6	47
43	Efficient Light-Induced Phase Transitions in Halogen-Bonded Liquid Crystals. <i>Chemistry of Materials</i> , 2016, 28, 8314-8321.	6.7	46
44	Halogen Bonding in Hypervalent Iodine Compounds. <i>Topics in Current Chemistry</i> , 2016, 373, 289-309.	4.0	46
45	Anion–Anion Coinage Bonds: The Case of Tetrachloridoaurate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14385-14389.	13.8	46
46	Halogen Bonding in Perovskite Solar Cells: A New Tool for Improving Solar Energy Conversion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	45
47	Site-selective supramolecular synthesis of halogen-bonded cocrystals incorporating the photoactive azo group. <i>CrystEngComm</i> , 2008, 10, 1132.	2.6	38
48	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , 2009, 11, 1204.	2.6	38
49	Solid-state synthesis of mixed trihalides via reversible absorption of dihalogens by non porous onium salts. <i>CrystEngComm</i> , 2011, 13, 4427.	2.6	38
50	Bonding Matters. <i>Crystal Growth and Design</i> , 2017, 17, 1439-1440.	3.0	35
51	Halogen bonded Borromean networks by design: topology invariance and metric tuning in a library of multi-component systems. <i>Chemical Science</i> , 2017, 8, 1801-1810.	7.4	35
52	Comparing the Halogen Bond to the Hydrogen Bond by Solid-State NMR Spectroscopy: Anion Coordinated Dimers from 2- and 3-Iodoethynylpyridine Salts. <i>Chemistry - A European Journal</i> , 2018, 24, 11364-11376.	3.3	35
53	Tetrahedral Oxyanions in Halogen-Bonded Coordination Networks. <i>Crystal Growth and Design</i> , 2011, 11, 4220-4226.	3.0	34
54	Halogenation dictates the architecture of amyloid peptide nanostructures. <i>Nanoscale</i> , 2017, 9, 9805-9810.	5.6	33

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55	Solution and Solid State Synthesis of the Discrete Polyiodide I ₇₃ ⁴⁻ under Modular Cation Templatation. <i>Crystal Growth and Design</i> , 2012, 12, 5757-5762.	3.0	32
56	Hydrogen-treated hierarchical titanium oxide nanostructures for photoelectrochemical water splitting. <i>Solar Energy Materials and Solar Cells</i> , 2017, 169, 19-27.	6.2	32
57	Halogen-bonded and interpenetrated networks through the self-assembly of diiodoperfluoroarene and tetrapyrindyl tectons. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1218-1224.	1.7	29
58	C ⁺ Br ⁻ O supramolecular synthon: in situ cryocrystallography of low melting halogen-bonded complexes. <i>CrystEngComm</i> , 2012, 14, 4259.	2.6	29
59	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. <i>Chemistry - A European Journal</i> , 2017, 23, 2051-2058.	3.3	28
60	Lipase-catalyzed selective benzylation of 1,2-diols with vinyl benzoate in organic solvents. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3197-3201.	1.8	27
61	Tetrel and Pnictogen Bonds Complement Hydrogen and Halogen Bonds in Framing the Interactional Landscape of Barbituric Acids. <i>Crystal Growth and Design</i> , 2021, 21, 642-652.	3.0	26
62	Fluorine-induced J-aggregation enhances emissive properties of a new NLO push-pull chromophore. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5275.	5.5	25
63	Effects of soiling and weathering on the albedo of building envelope materials: Lessons learned from natural exposure in two European cities and tuning of a laboratory simulation practice. <i>Solar Energy Materials and Solar Cells</i> , 2020, 205, 110264.	6.2	25
64	4,4'-Dipyridyl Dioxide·SbF ₃ Cocrystal: Pnictogen Bond Prevails over Halogen and Hydrogen Bonds in Driving Self-Assembly. <i>Crystal Growth and Design</i> , 2020, 20, 916-922.	3.0	25
65	In the Pursuit of Efficient Anion-Binding Organic Ligands Based on Halogen Bonding. <i>Crystal Growth and Design</i> , 2013, 13, 871-877.	3.0	24
66	Optimization of rapid acquisition with relaxation enhancement (RARE) pulse sequence parameters for ¹⁹ F-MRI studies. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 162-170.	3.4	24
67	Biocatalytic production of flavors and fragrances. <i>Pure and Applied Chemistry</i> , 2005, 77, 273-279.	1.9	23
68	Halogen bonding-based anion coordination in calixarene/inorganic halide/diodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , 2009, 21, 149-156.	1.2	23
69	Photoresponsive ionic liquid crystals assembled via halogen bond: en route towards light-controllable ion transporters. <i>Faraday Discussions</i> , 2017, 203, 407-422.	3.2	23
70	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , 2012, 14, 2621.	2.6	22
71	Hydrophobin-stabilized dispersions of PVDF nanoparticles in water. <i>Journal of Fluorine Chemistry</i> , 2015, 177, 62-69.	1.7	22
72	Halogen-bond driven self-assembly of triangular macrocycles. <i>New Journal of Chemistry</i> , 2018, 42, 10467-10471.	2.8	22

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73	Crystallographic insights into the self-assembly of KLVFF amyloid-beta peptides. <i>Peptide Science</i> , 2018, 110, e23088.	1.8	22
74	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. <i>New Journal of Chemistry</i> , 2019, 43, 18285-18293.	2.8	22
75	The disorder of perfluoroalkyl chains in crystals: Two case histories of interpretation and refinement. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 816-823.	1.7	21
76	Azobenzene-based difunctional halogen-bond donor: towards the engineering of photoresponsive co-crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 149-156.	1.1	21
77	Superfluorinated and NIR-luminescent gold nanoclusters. <i>Chemical Communications</i> , 2017, 53, 621-624.	4.1	20
78	Clemmensen reduction of diosgenin and kryptogenin: synthesis of [16,16,22,22,23,23-2H ₆]-26-hydroxycholesterol. <i>Steroids</i> , 2004, 69, 789-794.	1.8	18
79	Open versus Interpenetrated: Switchable Supramolecular Trajectories in Mechanosynthesis of a Halogen-Bonded Borromean Network. <i>CheM</i> , 2021, 7, 146-154.	11.7	17
80	Structural characterization of new fluorinated mesogens obtained through halogen-bond driven self-assembly. <i>Journal of Fluorine Chemistry</i> , 2017, 198, 54-60.	1.7	16
81	Halogen bonding at the wet interfaces of an amyloid peptide structure. <i>CrystEngComm</i> , 2018, 20, 5321-5326.	2.6	16
82	BODIPY Dyes Bearing Multibranched Fluorinated Chains: Synthesis, Structural, and Spectroscopic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 9078-9087.	3.3	16
83	Chalcogen Bonds in Crystals of Bis(<i>o</i> -anilinium)diselenide Salts. <i>Crystal Growth and Design</i> , 2019, 19, 1149-1154.	3.0	16
84	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie</i> , 2016, 128, 6408-6412.	2.0	15
85	Pyrone Synthesis from Renewable Sources: Easy Preparation of 3-Acetoxy-2-hydroxypyran-6-carboxylic Salts and their Derivatives as 2-Hydroxypyran-2-one from C6 Aldaric Acids. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 241-251.	2.6	15
86	4,4'-Bipyridine-2,4,5,6-tetrafluoro-1,3-diiodobenzene (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4243-o4243.	0.2	14
87	Halogen Bond: A Long Overlooked Interaction. <i>Topics in Current Chemistry</i> , 2014, 358, 1-17.	4.0	14
88	Triple bulk heterojunctions as means for recovering the microstructure of photoactive layers in organic solar cell devices. <i>Solar Energy Materials and Solar Cells</i> , 2014, 120, 37-47.	6.2	14
89	Soiling of building envelope surfaces and its effect on solar reflectance – Part III: Interlaboratory study of an accelerated aging method for roofing materials. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 581-590.	6.2	14
90	Hyperbranched Quasi-1D TiO ₂ Nanostructure for Hybrid Organic-Inorganic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7451-7455.	8.0	14

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91	Charge transport control via polymer polymorph modulation in ternary organic photovoltaic composites. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1195-1201.	10.3	14
92	Halogen bonding as a key interaction in the self-assembly of iodinated diphenylalanine peptides. <i>Peptide Science</i> , 2020, 112, e24127.	1.8	13
93	A Step toward the Quantification of Noncovalent Interactions in Large Biological Systems: The Independent Gradient Model-Extremely Localized Molecular Orbital Approach. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 795-809.	5.4	13
94	Tunable Linear and Nonlinear Optical Properties from Room Temperature Phosphorescent Cyclic Triimidazole-Pyrene Bio-Probe. <i>Chemistry - A European Journal</i> , 2021, 27, 16690-16700.	3.3	13
95	Synthesis of deuterated isotopomers of 7 β - and (25R,S)-26-hydroxycholesterol, internal standards for in vivo determination of the two biosynthetic pathways of bile acids. <i>Steroids</i> , 2003, 68, 733-738.	1.8	12
96	Multi-component synthesis of peptide-sugar conjugates. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2421.	2.8	12
97	The search for exceptions in the highly enantioselective titanium catalysed oxidation of aryl benzyl sulfides. <i>Tetrahedron</i> , 2015, 71, 4810-4816.	1.9	12
98	Tight Xenon Confinement in a Crystalline Sandwich-like Hydrogen-Bonded Dimeric Capsule of a Cyclic Peptide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14472-14476.	13.8	12
99	Waterproof-breathable films from multi-branched fluorinated cellulose esters. <i>Carbohydrate Polymers</i> , 2021, 271, 118031.	10.2	12
100	Molecular Bases for Anesthetic Agents: Halothane as a Halogen- and Hydrogen-Bond Donor. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12456-12459.	13.8	10
101	Structural insights into methyl- or methoxy-substituted 1-(β -aminobenzyl)-2-naphthol structures: the role of C-H... π interactions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 189-195.	0.5	10
102	Radical-radical chalcogen bonds: CSD analysis and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12757-12765.	2.8	10
103	High-resolution crystal structure of a 20 kDa superfluorinated gold nanocluster. <i>Nature Communications</i> , 2022, 13, 2607.	12.8	10
104	Halogen bonding stabilizes a <i>cis</i> -azobenzene derivative in the solid state: a crystallographic study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 227-233.	1.1	9
105	The diiodomethyl-sulfonyl moiety: an unexplored halogen bond-donor motif. <i>Chemical Communications</i> , 2019, 55, 4234-4237.	4.1	9
106	Molecular Electrostatic Potential and Noncovalent Interactions in Derivatives of Group 8 Elements. <i>Angewandte Chemie</i> , 2021, 133, 20891-20895.	2.0	9
107	C-Halogen...O supramolecular synthons: <i>in situ</i> cryocrystallisation of 1,2-dihalotetrafluoroethane/HMPA adducts. <i>Supramolecular Chemistry</i> , 2013, 25, 718-727.	1.2	8
108	Coordination networks incorporating halogen-bond donor sites and azobenzene groups. <i>CrystEngComm</i> , 2016, 18, 2251-2257.	2.6	8

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109	Cyanine dyes: synergistic action of hydrogen, halogen and chalcogen bonds allows discrete 2^4 anions in crystals. <i>New Journal of Chemistry</i> , 2018, 42, 10463-10466.	2.8	8
110	Tuning of Ionic Liquid Crystal Properties by Combining Halogen Bonding and Fluorous Effect. <i>ChemPlusChem</i> , 2021, 86, 469-474.	2.8	8
111	Adenylate Deaminase (5'-Adenylic Acid Deaminase, AMPDA)-Catalyzed Deamination of 5'-Deoxy-5'-Substituted and 5'-Protected Adenosines: A Comparison with the Catalytic Activity of Adenosine Deaminase (ADA). <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4748-4751.	2.4	7
112	Optical and electronic properties of transparent conducting Ta:TiO ₂ thin and ultra-thin films: the effect of doping and thickness. <i>Materials Advances</i> , 0, , .	5.4	7
113	Halogen and Hydrogen Bonding in Multicomponent Crystals of Tetrabromo-1H-Benzotriazole. <i>Crystals</i> , 2017, 7, 332.	2.2	6
114	Halogenation of the N-Terminus Tyrosine 10 Promotes Supramolecular Stabilization of the Amyloid β Sequence 7-12. <i>ChemistryOpen</i> , 2020, 9, 253-260.	1.9	6
115	Tetraphenylphosphonium iodide 1,3,5-trifluoro-2,4,6-triiodobenzene methanol (3/4/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o865-o866.	0.2	5
116	Crystallographic insights into the structural aspects of thioctic acid based halogen-bond donor for the functionalization of gold nanoparticles. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 240-246.	1.1	5
117	Tuning the photoelectrochemical properties of hierarchical TiO ₂ nanostructures by control of pulsed laser deposition and annealing in reducing conditions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26639-26651.	7.1	5
118	Metric engineering in hybrid perfluorocarbon-hydrocarbon cocrystals. <i>Journal of Fluorine Chemistry</i> , 2017, 196, 32-36.	1.7	5
119	The Relevance of Size Matching in Self-assembly: Impact on Regio- and Chemoselective Cocrystallizations. <i>Chemistry - A European Journal</i> , 2020, 26, 11701-11704.	3.3	5
120	Site-selective assembly between 1,8-diiodoperfluorooctane and 4,7,8,11-tetraazahelicene driven by halogen bonding. <i>Supramolecular Chemistry</i> , 2011, 23, 256-262.	1.2	4
121	Synthesis of Binaphthyl-Based Push-Pull Chromophores with Supramolecularly Polarizable Acceptor Ends. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	1.9	4
122	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1327-1331.	13.8	4
123	Molecular Bases for Anesthetic Agents: Halothane as a Halogen- and Hydrogen-Bond Donor. <i>Angewandte Chemie</i> , 2019, 131, 12586-12589.	2.0	4
124	Anion...Anion Coinage Bonds: The Case of Tetrachloridoaurate. <i>Angewandte Chemie</i> , 2021, 133, 14506-14510.	2.0	4
125	(4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane)sodium iodide 1,1,2,2-tetrafluoro-1,2-diiodoethane (2/3). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m387-m388.	0.2	4
126	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie</i> , 2018, 130, 1341-1345.	2.0	3

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127	Halogen Bonding in Perovskite Solar Cells: A New Tool for Improving Solar Energy Conversion. <i>Angewandte Chemie</i> , 0, , .	2.0	3
128	From Molecules to Materials: Engineering New Ionic Liquid Crystals Through Halogen Bonding. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
129	Tight Xenon Confinement in a Crystalline Sandwich-like Hydrogen-Bonded Dimeric Capsule of a Cyclic Peptide. <i>Angewandte Chemie</i> , 2019, 131, 14614-14618.	2.0	2
130	Stacked aryl groups in P-resolved cyclic phosphonamides as a new conformational constraint. <i>CrystEngComm</i> , 2019, 21, 7224-7232.	2.6	2
131	Dissecting the packing forces in mixed perfluorocarbon/aromatic co-crystals. <i>CrystEngComm</i> , 0, , .	2.6	2
132	[5,11,17,23-Tetra-tert-butyl-25,27-(3,6-dioxaoctan-1,8-dioxy)-26,28-bis(pyridin-2-ylmethoxy)calix[4]arene]sodium iodide-1,2,4,5-tetrafluoro-3,6-diiodobenzene-methanol (2/3/4). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m236-m237.	0.2	2
133	Chalcogen bonding in crystal engineering. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e488-e488.	0.1	2
134	Studies towards a Novel Synthesis of Tubulysins: Highly Asymmetric Aza-Michael Reactions of 2-Enoylthiazoles with Metalated Chiral Oxazolidinones. <i>Synlett</i> , 2009, 2009, 1341-1345.	1.8	1
135	The 1:1 co-crystal of triphenyl(2,3,5,6-tetrafluorobenzyl)phosphonium bromide and 1,1,2,2-tetrafluoro-1,2-diiodoethane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o9-o10.	0.2	1
136	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. <i>Chemistry - A European Journal</i> , 2017, 23, 1985-1985.	3.3	1
137	Sevoflurane: Impurities and stability testing. <i>Journal of Fluorine Chemistry</i> , 2019, 226, 109363.	1.7	1
138	The halogen-bonded adduct 1,4-bis(pyridin-4-yl)buta-1,3-diyne-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluoro-1,8-diiodooctane (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o328-o329.	0.2	1
139	1,3-Bis(2,3,5,6-tetrafluoro-4-iodophenoxy)-2,2-bis[(2,3,5,6-tetrafluoro-4-iodophenoxy)methyl]propane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o579-o580.	0.2	1
140	Thiazoliums and selenazoliums as chalcogen-bond donors in crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e108-e109.	0.1	1
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