Giancarlo Terraneo

List of Publications by Year
in descending order

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	Halogen Bonding in Perovskite Solar Cells: A New Tool for Improving Solar Energy Conversion. Angewandte Chemie - International Edition, 2022, 61, .	13.8	45
2	High-resolution crystal structure of a 20â€‰kDa superfluorinated gold nanocluster. Nature Communications, 2022, 13, 2607.	12.8	10
3	Hydrogen and halogen bond synergy in the self-assembly of 3,5-dihalo-tyrosines: structural and theoretical insights. CrystEngComm, 2022, 24, 7255-7260.	2.6	1
4	Open versus Interpenetrated: Switchable Supramolecular Trajectories in Mechanosynthesis of a Halogen-Bonded Borromean Network. CheM, 2021, 7, 146-154.	11.7	17
5	Tetrel and Pnictogen Bonds Complement Hydrogen and Halogen Bonds in Framing the Interactional Landscape of Barbituric Acids. Crystal Growth and Design, 2021, 21, 642-652.	3.0	26
6	A Step toward the Quantification of Noncovalent Interactions in Large Biological Systems: The Independent Gradient Model-Extremely Localized Molecular Orbital Approach. Journal of Chemical Information and Modeling, 2021, 61, 795-809.	5.4	13
7	Tuning of Ionic Liquid Crystal Properties by Combining Halogen Bonding and Fluorous Effect. ChemPlusChem, 2021, 86, 469-474.	2.8	8
8	Anionâ‹…â‹…â‹…Anion Coinage Bonds: The Case of Tetrachloridoaurate. Angewandte Chemie - International Edition, 2021, 60, 14385-14389.	13.8	46
9	Anionâ‹…â‹…â‹…Anion Coinage Bonds: The Case of Tetrachloridoaurate. Angewandte Chemie, 2021, 133, 14506-14510.	2.0	4
10	Molecular Electrostatic Potential and Noncovalent Interactions in Derivatives of Group 8 Elements. Angewandte Chemie - International Edition, 2021, 60, 20723-20727.	13.8	58
11	Molecular Electrostatic Potential and Noncovalent Interactions in Derivatives of Group 8 Elements. Angewandte Chemie, 2021, 133, 20891-20895.	2.0	9
12	Anionâ‹…â‹…â‹…Anion Interactions Involving Ïƒâ€Holes of Perrhenate, Pertechnetate and Permanganate Anions. ChemPhysChem, 2021, 22, 2281-2285.	2.1	60
13	Waterproof-breathable films from multi-branched fluorinated cellulose esters. Carbohydrate Polymers, 2021, 271, 118031.	10.2	12
14	Tunable Linear and Nonlinear Optical Properties from Room Temperature Phosphorescent Cyclic Triimidazoleâ€Pyrene Bioâ€Probe. Chemistry - A European Journal, 2021, 27, 16690-16700.	3.3	13
15	Halogen bonding as a key interaction in the selfâ€assembly of iodinated diphenylalanine peptides. Peptide Science, 2020, 112, e24127.	1.8	13
16	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. Solar Energy Materials and Solar Cells, 2020, 205, 110264.	6.2	25
17	4,4â€²-Dipyridyl DioxideÂ·SbF₃ Cocrystal: Pnictogen Bond Prevails over Halogen and Hydrogen Bonds in Driving Self-Assembly. Crystal Growth and Design, 2020, 20, 916-922.	3.0	25
18	Pyrone Synthesis from Renewable Sources: Easy Preparation of 3â€Acetoxyâ€2â€oxoâ€2Hâ€pyranâ€6â€carboxylic Salts and their Derivatives as 3â€Hydroxyâ€2Hâ€pyranâ€2â€one from C6 Aldaric Acids. European Journal of Organic Chemistry, 2020, 2020, 241-251.		

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19	Radicalâ˜radical chalcogen bonds: CSD analysis and DFT calculations. Physical Chemistry Chemical Physics, 2020, 22, 12757-12765.	2.8	10
20	The Relevance of Size Matching in Selfâ€assembly: Impact on Regioâ€and Chemoselective Cocrystallizations. Chemistry - A European Journal, 2020, 26, 11701-11704.	3.3	5
21	C(sp3) atoms as tetrel bond donors: A crystallographic survey. Coordination Chemistry Reviews, 2020, 413, 213265.	18.8	69
22	Halogenation of the N â€Terminus Tyrosine 10 Promotes Supramolecular Stabilization of the Amyloidâ€Î² Sequence 7â€“12. ChemistryOpen, 2020, 9, 253-260.	1.9	6
23	Tight Xenon Confinement in a Crystalline Sandwichâ€like Hydrogenâ€Bonded Dimeric Capsule of a Cyclic Peptide. Angewandte Chemie - International Edition, 2019, 58, 14472-14476.	13.8	12
24	Molecular Bases for Anesthetic Agents: Halothane as a Halogenâ€and Hydrogenâ€Bond Donor. Angewandte Chemie, 2019, 131, 12586-12589.	2.0	4
25	Molecular Bases for Anesthetic Agents: Halothane as a Halogenâ€and Hydrogenâ€Bond Donor. Angewandte Chemie - International Edition, 2019, 58, 12456-12459.	13.8	10
26	Tight Xenon Confinement in a Crystalline Sandwichâ€like Hydrogenâ€Bonded Dimeric Capsule of a Cyclic Peptide. Angewandte Chemie, 2019, 131, 14614-14618.	2.0	2
27	Sevoflurane: Impurities and stability testing. Journal of Fluorine Chemistry, 2019, 226, 109363.	1.7	1
28	Structural insights into methyl- or methoxy-substituted 1-(Î±-aminobenzyl)-2-naphthol structures: the role of Câ€”H...Ï€ interactions. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 189-195.	0.5	10
29	BODIPY Dyes Bearing Multibranched Fluorinated Chains: Synthesis, Structural, and Spectroscopic Studies. Chemistry - A European Journal, 2019, 25, 9078-9087.	3.3	16
30	The Chalcogen Bond in Crystalline Solids: A World Parallel to Halogen Bond. Accounts of Chemical Research, 2019, 52, 1313-1324.	15.6	333
31	The diiodomethyl-sulfonyl moiety: an unexplored halogen bond-donor motif. Chemical Communications, 2019, 55, 4234-4237.	4.1	9
32	Definition of the chalcogen bond (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2019, 91, 1889-1892.	1.9	322
33	Stacked aryl groups in P-resolved cyclic phosphonamides as a new conformational constraint. CrystEngComm, 2019, 21, 7224-7232.	2.6	2
34	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. New Journal of Chemistry, 2019, 43, 18285-18293.	2.8	22
35	Chalcogen Bonds in Crystals of Bis(o-anilinium)diselenide Salts. Crystal Growth and Design, 2019, 19, 1149-1154.	3.0	16
36	Chalcogen bonding in crystal engineering. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e488-e488.	0.1	2

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37	Halogenation dictates architectures and properties of amyloid peptides. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e585-e585.	0.1	0
38	Halogen-bond driven self-assembly of triangular macrocycles. New Journal of Chemistry, 2018, 42, 10467-10471.	2.8	22
39	From Molecules to Materials: Engineering New Ionic Liquid Crystals Through Halogen Bonding. Journal of Visualized Experiments, 2018, , .	0.3	2
40	Cyanine dyes: synergistic action of hydrogen, halogen and chalcogen bonds allows discrete I₄^{2â^'} anions in crystals. New Journal of Chemistry, 2018, 42, 10463-10466.	2.8	8
41	Dicarboxylic Acid Separation by Dynamic and Sizeâ€Matched Recognition in Solution and in the Solid State. Angewandte Chemie, 2018, 130, 1341-1345.	2.0	3
42	Dicarboxylic Acid Separation by Dynamic and Sizeâ€Matched Recognition in Solution and in the Solid State. Angewandte Chemie - International Edition, 2018, 57, 1327-1331.	13.8	4
43	Crystallographic insights into the selfâ€assembly of KLVFF amyloidâ€beta peptides. Peptide Science, 2018, 110, e23088.	1.8	22
44	Comparing the Halogen Bond to the Hydrogen Bond by Solidâ€State NMR Spectroscopy: Anion Coordinated Dimers from 2â€•and 3â€Iodoethynylpyridine Salts. Chemistry - A European Journal, 2018, 24, 11364-11376.	3.3	35
45	Integration of plasmonic Au nanoparticles in TiO2 hierarchical structures in a single-step pulsed laser co-deposition. Materials and Design, 2018, 156, 311-319.	7.0	49
46	Halogen bonding at the wet interfaces of an amyloid peptide structure. CrystEngComm, 2018, 20, 5321-5326.	2.6	16
47	Thiazoliums and selenazoliums as chalcogen-bond donors in crystals. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e108-e109.	0.1	1
48	Structural characterization of new fluorinated mesogens obtained through halogen-bond driven self-assembly. Journal of Fluorine Chemistry, 2017, 198, 54-60.	1.7	16
49	Bonding Matters. Crystal Growth and Design, 2017, 17, 1439-1440.	3.0	35
50	Photoresponsive ionic liquid crystals assembled via halogen bond: en route towards light-controllable ion transporters. Faraday Discussions, 2017, 203, 407-422.	3.2	23
51	Hydrogen-treated hierarchical titanium oxide nanostructures for photoelectrochemical water splitting. Solar Energy Materials and Solar Cells, 2017, 169, 19-27.	6.2	32
52	Halogenation dictates the architecture of amyloid peptide nanostructures. Nanoscale, 2017, 9, 9805-9810.	5.6	33
53	Crystallographic insights into the structural aspects of thioctic acid based halogen-bond donor for the functionalization of gold nanoparticles. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 240-246.	1.1	5
54	Halogen bonding stabilizes acis-azobenzene derivative in the solid state: a crystallographic study. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 227-233.	1.1	9

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55	Superfluorinated and NIR-luminescent gold nanoclusters. Chemical Communications, 2017, 53, 621-624.	4.1	20
56	Rotational Dynamics of Diazabicyclo[2.2.2]octane in Isomorphous Halogen-Bonded Co-crystals: Entropic and Enthalpic Effects. Journal of the American Chemical Society, 2017, 139, 843-848.	13.7	71
57	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. Chemistry - A European Journal, 2017, 23, 1985-1985.	3.3	1
58	Fluorinated elements of Group 15 as pnictogen bond donor sites. Journal of Fluorine Chemistry, 2017, 203, 62-74.	1.7	71
59	Tuning the photoelectrochemical properties of hierarchical TiO2 nanostructures by control of pulsed laser deposition and annealing in reducing conditions. International Journal of Hydrogen Energy, 2017, 42, 26639-26651.	7.1	5
60	Fluorination promotes chalcogen bonding in crystalline solids. CrystEngComm, 2017, 19, 4955-4959.	2.6	53
61	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. Chemistry - A European Journal, 2017, 23, 2051-2058.	3.3	28
62	Halogen bonded Borromean networks by design: topology invariance and metric tuning in a library of multi-component systems. Chemical Science, 2017, 8, 1801-1810.	7.4	35
63	Metric engineering in hybrid perfluorocarbon-hydrocarbon cocrystals. Journal of Fluorine Chemistry, 2017, 196, 32-36.	1.7	5
64	Halogen and Hydrogen Bonding in Multicomponent Crystals of Tetrabromo-1H-Benzotriazole. Crystals, 2017, 7, 332.	2.2	6
65	Halogenation as a new tool to control peptide self-assembly. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1335-C1335.	0.1	0
66	Hybrid halogen-bonded frameworks: topology variety and molecule sorption properties. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C791-C791.	0.1	0
67	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogenâ€Bonded Anions. Angewandte Chemie, 2016, 128, 6408-6412.	2.0	15
68	Efficient Light-Induced Phase Transitions in Halogen-Bonded Liquid Crystals. Chemistry of Materials, 2016, 28, 8314-8321.	6.7	46
69	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogenâ€Bonded Anions. Angewandte Chemie - International Edition, 2016, 55, 6300-6304.	13.8	56
70	The Halogen Bond. Chemical Reviews, 2016, 116, 2478-2601.	47.7	2,906
71	Halogen Bonding in Hypervalent Iodine Compounds. Topics in Current Chemistry, 2016, 373, 289-309.	4.0	46
72	Charge transport control via polymer polymorph modulation in ternary organic photovoltaic composites. Journal of Materials Chemistry A, 2016, 4, 1195-1201.	10.3	14

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73	Coordination networks incorporating halogen-bond donor sites and azobenzene groups. CrystEngComm, 2016, 18, 2251-2257.	2.6	8
74	Dynamic Characterization of Crystalline Supramolecular Rotors Assembled through Halogen Bonding. Journal of the American Chemical Society, 2015, 137, 15386-15389.	13.7	88
75	Synthesis of Binaphthyl-Based Push-Pull Chromophores with Supramolecularly Polarizable Acceptor Ends. Journal of Chemistry, 2015, 2015, 1-7.	1.9	4
76	The search for exceptions in the highly enantioselective titanium catalysed oxidation of aryl benzyl sulfides. Tetrahedron, 2015, 71, 4810-4816.	1.9	12
77	Hydrophobin-stabilized dispersions of PVDF nanoparticles in water. Journal of Fluorine Chemistry, 2015, 177, 62-69.	1.7	22
78	Soiling of building envelope surfaces and its effect on solar reflectance â€“ Part III: Interlaboratory study of an accelerated aging method for roofing materials. Solar Energy Materials and Solar Cells, 2015, 143, 581-590.	6.2	14
79	Supramolecular hierarchy among halogen and hydrogen bond donors in light-induced surface patterning. Journal of Materials Chemistry C, 2015, 3, 759-768.	5.5	87
80	Supramolecular amplification of amyloid self-assembly by iodination. Nature Communications, 2015, 6, 7574.	12.8	88
81	Hyperbranched Quasi-1D TiO₂ Nanostructure for Hybrid Organicâ€“Inorganic Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 7451-7455.	8.0	14
82	¹⁹F Magnetic Resonance Imaging (MRI): From Design of Materials to Clinical Applications. Chemical Reviews, 2015, 115, 1106-1129.	47.7	401
83	Halogen Bond: A Long Overlooked Interaction. Topics in Current Chemistry, 2014, 358, 1-17.	4.0	14
84	Optimization of rapid acquisition with relaxation enhancement (RARE) pulse sequence parameters for ¹⁹Fâ€MRI studies. Journal of Magnetic Resonance Imaging, 2014, 40, 162-170.	3.4	24
85	The 1:1 co-crystal of triphenyl(2,3,5,6-tetrafluorobenzyl)phosphonium bromide and 1,1,2,2-tetrafluoro-1,2-diiodoethane. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o9-o10.	0.2	1
86	Triple bulk heterojunctions as means for recovering the microstructure of photoactive layers in organic solar cell devices. Solar Energy Materials and Solar Cells, 2014, 120, 37-47.	6.2	14
87	Azobenzene-based difunctional halogen-bond donor: towards the engineering of photoresponsive co-crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 149-156.	1.1	21
88	Orthogonal halogen and hydrogen bonds involving a peptide bond model. CrystEngComm, 2014, 16, 8102-8105.	2.6	47
89	Fluorine-induced J-aggregation enhances emissive properties of a new NLO pushâ€“pull chromophore. Journal of Materials Chemistry C, 2014, 2, 5275.	5.5	25
90	Polymorphs and co-crystals of haloprogin: an antifungal agent. CrystEngComm, 2014, 16, 5897-5904.	2.6	48

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91	Naming Interactions from the Electrophilic Site. Crystal Growth and Design, 2014, 14, 2697-2702.	3.0	190
92	A Superfluorinated Molecular Probe for Highly Sensitive in Vivo¹⁹F-MRI. Journal of the American Chemical Society, 2014, 136, 8524-8527.	13.7	113
93	Functional properties ensue from cooperation of different interactions. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C630-C630.	0.1	0
94	Câ€“halogenâ€¦O supramolecular synthons: in situ cryocrystallisation of 1,2-dihalotetrafluoroethane/HMPA adducts. Supramolecular Chemistry, 2013, 25, 718-727.	1.2	8
95	Multi-component synthesis of peptideâ€“sugar conjugates. Organic and Biomolecular Chemistry, 2013, 11, 2421.	2.8	12
96	In the Pursuit of Efficient Anion-Binding Organic Ligands Based on Halogen Bonding. Crystal Growth and Design, 2013, 13, 871-877.	3.0	24
97	Halogen bond directionality translates tecton geometry into self-assembled architecture geometry. CrystEngComm, 2013, 15, 3102.	2.6	60
98	Halogen Bonding and Pharmaceutical Cocrystals: The Case of a Widely Used Preservative. Molecular Pharmaceutics, 2013, 10, 1760-1772.	4.6	99
99	Tetraphenylphosphonium iodideâ€“1,3,5-trifluoro-2,4,6-triiodobenzeneâ€“methanol (3/4/1). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o865-o866.	0.2	5
100	An Adaptable and Dynamically Porous Organic Salt Traps Unique Tetrahalide Dianions. Angewandte Chemie - International Edition, 2013, 52, 13444-13448.	13.8	73
101	The halogen-bonded adduct 1,4-bis(pyridin-4-yl)buta-1,3-diyneâ€“1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluoro-1,8-diiodooctane (1/1). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o328-o329.	0.2	1
102	1,3-Bis(2,3,5,6-tetrafluoro-4-iodophenoxy)-2,2-bis[(2,3,5,6-tetrafluoro-4-iodophenoxy)methyl]propane. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o579-o580.	0.2	1
103	[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 iodideâ€“1,2,4,5-tetrafluoro-3,6-diiodobenzeneâ€“methanol (2/3/4). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m236-m237.	0.2	2
104	(4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane)sodium iodideâ€“1,1,2,2,tetrafluoro-1,2-diiodoethane (2/3). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m387-m388.	0.2	4
105	(Tris{2-[2-(2,3,5,6-tetrafluoro-4-iodophenoxy)ethoxy]ethyl}amine)potassium iodide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m284-m285.	0.2	0
106	Purely organic frameworks self-assembledviaorthogonal hydrogen and halogen bonding. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s162-s162.	0.3	0
107	Câ€“Brâ‹¯O supramolecular synthon: in situ cryocrystallography of low melting halogen-bonded complexes. CrystEngComm, 2012, 14, 4259.	2.6	29
108	2-Iodo-imidazolium receptor binds oxoanions via charge-assisted halogen bonding. Organic and Biomolecular Chemistry, 2012, 10, 1329.	2.8	113

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109	Solution and Solid State Synthesis of the Discrete Polyiodide I73â€“ under Modular Cation Templation. Crystal Growth and Design, 2012, 12, 5757-5762.	3.0	32
110	Interplay between Structural and Dielectric Features of New Low k Hybrid Organicâ€“Organometallic Supramolecular Ribbons. Crystal Growth and Design, 2012, 12, 297-305.	3.0	48
111	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. CrystEngComm, 2012, 14, 2621.	2.6	22
112	Hydrogen and halogen bonding drive the orthogonal self-assembly of an organic framework possessing 2D channels. Chemical Communications, 2012, 48, 8207.	4.1	63
113	Halogen Bonding versus Hydrogen Bonding in Driving Selfâ€Assembly and Performance of Lightâ€Responsive Supramolecular Polymers. Advanced Functional Materials, 2012, 22, 2572-2579.	14.9	178
114	Fluorine-Centered Halogen Bonding: A Factor in Recognition Phenomena and Reactivity. Crystal Growth and Design, 2011, 11, 4238-4246.	3.0	225
115	The fluorine atom as a halogen bond donor, viz. a positive site. CrystEngComm, 2011, 13, 6593.	2.6	217
116	Halogen bonding in halocarbonâ€“protein complexes: a structural survey. Chemical Society Reviews, 2011, 40, 2267.	38.1	399
117	Self-Complementary Nonlinear Optical-Phores Targeted to Halogen Bond-Driven Self-Assembly of Electro-Optic Materials. Crystal Growth and Design, 2011, 11, 5642-5648.	3.0	67
118	Tetrahedral Oxyanions in Halogen-Bonded Coordination Networks. Crystal Growth and Design, 2011, 11, 4220-4226.	3.0	34
119	Dimensional caging of polyiodides: cation-templated synthesis using bipyridinium salts. CrystEngComm, 2011, 13, 4411.	2.6	50
120	Solid-state synthesis of mixed trihalides via reversible absorption of dihalogens by non porous onium salts. CrystEngComm, 2011, 13, 4427.	2.6	38
121	Site-selective assembly between 1,8-diiodoperfluorooctane and 4,7,8,11-tetraazahelicene driven by halogen bonding. Supramolecular Chemistry, 2011, 23, 256-262.	1.2	4
122	Disorder in self-assembed halogen-bonded perfluoroalkyl onium salts. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s245-s246.	0.3	0
123	Structureâ€“Function Relationships in Liquidâ€Crystalline Halogenâ€Bonded Complexes. Chemistry - A European Journal, 2010, 16, 9511-9524.	3.3	117
124	Halide anion-templated assembly of di- and triiodoperfluorobenzenes into 2D and 3D supramolecular networks. Journal of Fluorine Chemistry, 2010, 131, 1165-1172.	1.7	48
125	Halogen-bonded and interpenetrated networks through the self-assembly of diiodoperfluoroarene and tetrapyridyl tectons. Journal of Fluorine Chemistry, 2010, 131, 1218-1224.	1.7	29
126	Halogen bonding in metalâ€“organicâ€“supramolecular networks. Coordination Chemistry Reviews, 2010, 254, 677-695.	18.8	332

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127	Halogen bonding: a general route in anion recognition and coordination. Chemical Society Reviews, 2010, 39, 3772.	38.1	443
128	Dimensional encapsulation of Iâ˜'â‹¯I2â‹¯Iâ˜' in an organic salt crystal matrix. Chemical Communications, 2010, 46, 2724.	4.1	89
129	Size matching of interacting moieties: a design principle in crystal engineering. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s82-s82.	0.3	0
130	Solid-state reactivity in halogen-bonded co-crystals. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s91-s91.	0.3	0
131	Halogen bonding: a new supramolecular synthon in anion coordination chemistry. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s79-s80.	0.3	0
132	Highly interpenetrated organic networks formed by halogen bonding. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s227-s228.	0.3	0
133	Dimensional encapsulation of halogen-bonded supramolecular anions. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s78-s78.	0.3	0
134	Studies towards a Novel Synthesis of Tubulysins: Highly Asymmetric Aza-Michael Reactions of 2-Enoylthiazoles with Metalated Chiral Oxazolidinones. Synlett, 2009, 2009, 1341-1345.	1.8	1
135	The disorder of perfluoroalkyl chains in crystals: Two case histories of interpretation and refinement. Journal of Fluorine Chemistry, 2009, 130, 816-823.	1.7	21
136	Halide anions driven self-assembly of haloperfluoroarenes: Formation of one-dimensional non-covalent copolymers. Journal of Fluorine Chemistry, 2009, 130, 1171-1177.	1.7	60
137	Anion coordination and anion-templated assembly under halogen bonding control. CrystEngComm, 2009, 11, 1187.	2.6	158
138	Ion-pair separation via selective inclusion/segregation processes. CrystEngComm, 2009, 11, 1204.	2.6	38
139	Halogen bonding-based anion coordination in calixarene/inorganic halide/diiodoperfluorocarbon assemblies. Supramolecular Chemistry, 2009, 21, 149-156.	1.2	23
140	Fluorine and crystals disorder. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s306-s307.	0.3	0
141	Dynamic porous crystalsviahalogen bonding. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s256-s256.	0.3	0
142	Halogen Bonding in Supramolecular Chemistry. Angewandte Chemie - International Edition, 2008, 47, 6114-6127.	13.8	1,446
143	Site-selective supramolecular synthesis of halogen-bonded cocrystals incorporating the photoactive azo group. CrystEngComm, 2008, 10, 1132.	2.6	38
144	Mesogenic, trimeric, halogen-bonded complexes from alkoxystilbazoles and 1,4-diiodotetrafluorobenzene. New Journal of Chemistry, 2008, 32, 477-482.	2.8	114

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145	Mutual induced coordination in halogen-bonded anionic assemblies with (6,3) cation-templated topologies. Chemical Communications, 2008, , 1635.	4.1	100
146	A Simple Model System for the Study of Carbohydrateâ"Aromatic Interactions. Journal of the American Chemical Society, 2007, 129, 2890-2900.	13.7	98
147	4,4â€²-Bipyridineâ€"2,4,5,6-tetrafluoro-1,3-diiodobenzene (1/1). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4243-o4243.	0.2	14
148	Biocatalytic production of flavors and fragrances. Pure and Applied Chemistry, 2005, 77, 273-279.	1.9	23
149	Lipase-Catalyzed Selective Benzoylation of 1,2-Diols with Vinyl Benzoate in Organic Solvents.. ChemInform, 2004, 35, no.	0.0	0
150	Clemmensen reduction of diosgenin and kryptogenin: synthesis of [16,16,22,22,23,23-2H6]-(25R)-26-hydroxycholesterol. Steroids, 2004, 69, 789-794.	1.8	18
151	Adenylate Deaminase (5â€²-Adenylic Acid Deaminase, AMPDA)-Catalyzed Deamination of 5â€²-Deoxy-5â€²-Substituted and 5â€²-Protected Adenosines: A Comparison with the Catalytic Activity of Adenosine Deaminase (ADA). European Journal of Organic Chemistry, 2003, 2003, 4748-4751.	2.4	7
152	Lipase-catalyzed selective benzoylation of 1,2-diols with vinyl benzoate in organic solvents. Tetrahedron: Asymmetry, 2003, 14, 3197-3201.	1.8	27
153	Synthesis of deuterated isotopomers of 7Î±- and (25R,S)-26-hydroxycholesterol, internal standards for in vivo determination of the two biosynthetic pathways of bile acids. Steroids, 2003, 68, 733-738.	1.8	12
154	Dissecting the packing forces in mixed perfluorocarbon/aromatic co-crystals. CrystEngComm, 0, , .	2.6	2
155	Optical and electronic properties of transparent conducting Ta:TiO2 thin and ultra-thin films: the effect of doping and thickness. Materials Advances, 0, , .	5.4	7
156	Halogen Bonding in Perovskite Solar Cells: A New Tool for Improving Solar Energy Conversion. Angewandte Chemie, 0, , .	2.0	3