

Pierangelo Metrangolo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photoluminescent nanocluster-based probes for bioimaging applications. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 787-801.	1.6	9
2	Fibril Structure Demonstrates the Role of Iodine Labelling on a Pentapeptide Self-Assembly. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
3	Composite Peptide-Agarose Hydrogels for Robust and High-Sensitivity 3D Immunoassays. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4811-4822.	4.0	8
4	Halogen Bonding in Perovskite Solar Cells: A New Tool for Improving Solar Energy Conversion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	45
5	High-resolution crystal structure of a 20 kDa superfluorinated gold nanocluster. <i>Nature Communications</i> , 2022, 13, 2607.	5.8	10
6	Hydrogen and halogen bond synergy in the self-assembly of 3,5-dihalo-tyrosines: structural and theoretical insights. <i>CrystEngComm</i> , 2022, 24, 7255-7260.	1.3	1
7	Synthesis and Linker-Controlled Self-Assembly of Dendritic Amphiphiles with Branched Fluorinated Tails. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	5
8	Emergence of Elastic Properties in a Minimalist Resilin-Derived Heptapeptide upon Bromination. <i>Small</i> , 2022, 18, .	5.2	5
9	Open versus Interpenetrated: Switchable Supramolecular Trajectories in Mechanosynthesis of a Halogen-Bonded Borromean Network. <i>CheM</i> , 2021, 7, 146-154.	5.8	17
10	Confined space design by nanoparticle self-assembly. <i>Chemical Science</i> , 2021, 12, 1632-1646.	3.7	12
11	Tuning of Ionic Liquid Crystal Properties by Combining Halogen Bonding and Fluorous Effect. <i>ChemPlusChem</i> , 2021, 86, 469-474.	1.3	8
12	A Bioorthogonal Probe for Multiscale Imaging by ¹⁹ F-MRI and Raman Microscopy: From Whole Body to Single Cells. <i>Journal of the American Chemical Society</i> , 2021, 143, 12253-12260.	6.6	29
13	Endocrine-disrupting pollutants properties affecting their bioactivity, remediation, and detection. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 30, 100485.	3.2	8
14	Chalcogen Bonds Involving Selenium in Protein Structures. <i>ACS Chemical Biology</i> , 2021, 16, 1622-1627.	1.6	37
15	Waterproof-breathable films from multi-branched fluorinated cellulose esters. <i>Carbohydrate Polymers</i> , 2021, 271, 118031.	5.1	12
16	Halogen bonding as a key interaction in the self-assembly of iodinated diphenylalanine peptides. <i>Peptide Science</i> , 2020, 112, e24127.	1.0	13
17	Nanoparticles for two-color ¹⁹ F magnetic resonance imaging: Towards combined imaging of biodistribution and degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 278-287.	5.0	22
18	The Impact of Halogenated Phenylalanine Derivatives on NFGAIL Amyloid Formation. <i>ChemBioChem</i> , 2020, 21, 3544-3554.	1.3	13

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19	Design of fluorinated hyperbranched polyether copolymers for ¹⁹ F MRI nanotheranostics. <i>Polymer Chemistry</i> , 2020, 11, 3951-3963.	1.9	22
20	Fluorinated PLGA Nanoparticles for Enhanced Drug Encapsulation and ¹⁹ F NMR Detection. <i>Chemistry - A European Journal</i> , 2020, 26, 10057-10063.	1.7	14
21	Host-Enhanced Phenyl-Perfluorophenyl Polar ^π Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 7356-7361.	6.6	38
22	Halogenation of the N-Terminus Tyrosine 10 Promotes Supramolecular Stabilization of the Amyloid ^β Sequence 7-12. <i>ChemistryOpen</i> , 2020, 9, 253-260.	0.9	6
23	Biomimetic engineering of the molecular recognition and self-assembly of peptides and proteins via halogenation. <i>Coordination Chemistry Reviews</i> , 2020, 411, 213242.	9.5	37
24	Enhanced self-assembly of the 7-12 sequence of amyloid- ^β peptide by tyrosine bromination. <i>Supramolecular Chemistry</i> , 2020, 32, 247-255.	1.5	8
25	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.	7.2	12
26	Tight Xenon Confinement in a Crystalline Sandwich-Like Hydrogen-Bonded Dimeric Capsule of a Cyclic Peptide. <i>Angewandte Chemie</i> , 2019, 131, 14614-14618.	1.6	2
27	Sevoflurane: Impurities and stability testing. <i>Journal of Fluorine Chemistry</i> , 2019, 226, 109363.	0.9	1
28	BODIPY Dyes Bearing Multibranched Fluorinated Chains: Synthesis, Structural, and Spectroscopic Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 9078-9087.	1.7	16
29	Molecular dynamics investigation of halogenated amyloidogenic peptides. <i>Journal of Molecular Modeling</i> , 2019, 25, 124.	0.8	12
30	Multispectral MRI with Dual Fluorinated Probes to Track Mononuclear Cell Activity in Mice. <i>Radiology</i> , 2019, 291, 351-357.	3.6	36
31	The diiodomethyl-sulfonyl moiety: an unexplored halogen bond-donor motif. <i>Chemical Communications</i> , 2019, 55, 4234-4237.	2.2	9
32	Lab-on-a-brane for spheroid formation. <i>Biofabrication</i> , 2019, 11, 021002.	3.7	4
33	Definition of the chalcogen bond (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2019, 91, 1889-1892.	0.9	322
34	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. <i>New Journal of Chemistry</i> , 2019, 43, 18285-18293.	1.4	22
35	Macrocyclic and Supramolecular Chemistry. <i>Chemistry International</i> , 2019, 41, 51-52.	0.3	1
36	Halogen bond-assisted self-assembly of gold nanoparticles in solution and on a planar surface. <i>Nanoscale</i> , 2019, 11, 18407-18415.	2.8	11

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37	Photoresponsive Halogen-Bonded Liquid Crystals: The Role of Aromatic Fluorine Substitution. <i>Chemistry of Materials</i> , 2019, 31, 462-470.	3.2	60
38	<i>In Situ</i> Generation of Chiroptically-Active Gold-Peptide Superstructures Promoted by Iodination. <i>ACS Nano</i> , 2019, 13, 2158-2166.	7.3	25
39	Halogen-bond driven self-assembly of triangular macrocycles. <i>New Journal of Chemistry</i> , 2018, 42, 10467-10471.	1.4	22
40	From Molecules to Materials: Engineering New Ionic Liquid Crystals Through Halogen Bonding. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
41	Chemical characterization of fluorinated/hydrogenated mixed monolayers grafted on gold nanoparticles. <i>Journal of Fluorine Chemistry</i> , 2018, 206, 99-107.	0.9	5
42	Integrated microfluidic viscometer for edible oil analysis. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 91-97.	4.0	9
43	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie</i> , 2018, 130, 1341-1345.	1.6	3
44	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.	7.2	4
45	Crystallographic insights into the self-assembly of KLVFF amyloid-beta peptides. <i>Peptide Science</i> , 2018, 110, e23088.	1.0	22
46	Evaluating the potential of natural surfactants in the petroleum industry: the case of hydrophobins. <i>Pure and Applied Chemistry</i> , 2018, 90, 305-314.	0.9	22
47	Natural surfactants towards a more sustainable fluorine chemistry. <i>Green Chemistry</i> , 2018, 20, 13-27.	4.6	54
48	On the molecular optical nonlinearity of halogen-bond-forming azobenzenes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28810-28817.	1.3	9
49	A halogen bond-donor amino acid for organocatalysis in water. <i>Chemical Communications</i> , 2018, 54, 10718-10721.	2.2	42
50	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.	1.7	35
51	A Short-Chain Multibranch Perfluoroalkyl Thiol for More Sustainable Hydrophobic Coatings. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9734-9743.	3.2	34
52	Halogen bonding at the wet interfaces of an amyloid peptide structure. <i>CrystEngComm</i> , 2018, 20, 5321-5326.	1.3	16
53	Structural characterization of new fluorinated mesogens obtained through halogen-bond driven self-assembly. <i>Journal of Fluorine Chemistry</i> , 2017, 198, 54-60.	0.9	16
54	Halogen bonding modulates hydrogel formation from Fmoc amino acids. <i>CrystEngComm</i> , 2017, 19, 1870-1874.	1.3	37

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55	Photoresponsive ionic liquid crystals assembled via halogen bond: en route towards light-controllable ion transporters. <i>Faraday Discussions</i> , 2017, 203, 407-422.	1.6	23
56	Halogenation dictates the architecture of amyloid peptide nanostructures. <i>Nanoscale</i> , 2017, 9, 9805-9810.	2.8	33
57	Introduction to the special issue on halogen bonding. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 135-135.	0.5	3
58	Hierarchical Self-Assembly of Halogen-Bonded Block Copolymer Complexes into Upright Cylindrical Domains. <i>CheM</i> , 2017, 2, 417-426.	5.8	49
59	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.	0.5	5
60	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.	0.5	9
61	Nanostructure and stability of calcitonin amyloids. <i>Journal of Biological Chemistry</i> , 2017, 292, 7348-7357.	1.6	15
62	Superfluorinated and NIR-luminescent gold nanoclusters. <i>Chemical Communications</i> , 2017, 53, 621-624.	2.2	20
63	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.	6.6	71
64	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. <i>Chemistry - A European Journal</i> , 2017, 23, 1985-1985.	1.7	1
65	Supramolecular control of liquid crystals by doping with halogen-bonding dyes. <i>RSC Advances</i> , 2017, 7, 40237-40242.	1.7	18
66	Bioreducible Hydrophobin-Stabilized Supraparticles for Selective Intracellular Release. <i>ACS Nano</i> , 2017, 11, 9413-9423.	7.3	44
67	Titelbild: Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles (<i>Angew. Chem.</i> 51/2017). <i>Angewandte Chemie</i> , 2017, 129, 16309-16309.	1.6	1
68	Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16186-16190.	7.2	27
69	Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles. <i>Angewandte Chemie</i> , 2017, 129, 16404-16408.	1.6	2
70	Fluorination promotes chalcogen bonding in crystalline solids. <i>CrystEngComm</i> , 2017, 19, 4955-4959.	1.3	53
71	Crystal Structure of the DFNKF Segment of Human Calcitonin Unveils Aromatic Interactions between Phenylalanines. <i>Chemistry - A European Journal</i> , 2017, 23, 2051-2058.	1.7	28
72	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.	3.7	35

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73	Metric engineering in hybrid perfluorocarbon-hydrocarbon cocrystals. <i>Journal of Fluorine Chemistry</i> , 2017, 196, 32-36.	0.9	5
74	Surface-Relief Gratings in Halogen-Bonded Polymer-Azobenzene Complexes: A Concentration-Dependence Study. <i>Molecules</i> , 2017, 22, 1844.	1.7	11
75	Connectivity and Topology Invariance in Self-Assembled and Halogen-Bonded Anionic (6,3)-Networks. <i>Molecules</i> , 2017, 22, 2060.	1.7	1
76	Halogen and Hydrogen Bonding in Multicomponent Crystals of Tetrabromo-1H-Benzotriazole. <i>Crystals</i> , 2017, 7, 332.	1.0	6
77	Halogen-Bonded Cocrystals. , 2017, , 49-72.		1
78	Novel hydrogen- and halogen-bonding anion receptors based on 3-iodopyridinium units. <i>RSC Advances</i> , 2016, 6, 67540-67549.	1.7	29
79	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie</i> , 2016, 128, 6408-6412.	1.6	15
80	One "Click" access to self-complementary molecular modules for halogen bonding. <i>RSC Advances</i> , 2016, 6, 36723-36727.	1.7	1
81	Efficient Light-Induced Phase Transitions in Halogen-Bonded Liquid Crystals. <i>Chemistry of Materials</i> , 2016, 28, 8314-8321.	3.2	46
82	Design of Highly Stable Echogenic Microbubbles through Controlled Assembly of Their Hydrophobic Shell. <i>Angewandte Chemie</i> , 2016, 128, 10419-10423.	1.6	10
83	Design of Highly Stable Echogenic Microbubbles through Controlled Assembly of Their Hydrophobic Shell. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10263-10267.	7.2	24
84	Activation of Cell-Penetrating Peptides with Ionpair-Interactions and Fluorophiles. <i>Journal of the American Chemical Society</i> , 2016, 138, 11264-11271.	6.6	61
85	Natural Abundance ¹⁵ N and ¹³ C Solid-State NMR Chemical Shifts: High Sensitivity Probes of the Halogen Bond Geometry. <i>Chemistry - A European Journal</i> , 2016, 22, 16819-16828.	1.7	37
86	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6300-6304.	7.2	56
87	Characteristic redshift and intensity enhancement as far-IR fingerprints of the halogen bond involving aromatic donors. <i>CrystEngComm</i> , 2016, 18, 2247-2250.	1.3	25
88	The Halogen Bond. <i>Chemical Reviews</i> , 2016, 116, 2478-2601.	23.0	2,906
89	Halogen Bonding in Hypervalent Iodine Compounds. <i>Topics in Current Chemistry</i> , 2016, 373, 289-309.	4.0	46
90	Coordination networks incorporating halogen-bond donor sites and azobenzene groups. <i>CrystEngComm</i> , 2016, 18, 2251-2257.	1.3	8

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91	Atomistic simulation of hydrophobin HFBII conformation in aqueous and fluorinated media and at the water/vacuum interface. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 63, 8-14.	1.3	12
92	Hydrophobin as a Nanolayer Primer That Enables the Fluorinated Coating of Poorly Reactive Polymer Surfaces. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500170.	1.9	17
93	Dynamic Characterization of Crystalline Supramolecular Rotors Assembled through Halogen Bonding. <i>Journal of the American Chemical Society</i> , 2015, 137, 15386-15389.	6.6	88
94	Halogen-Bond-Assisted Guest Inclusion in a Synthetic Cavity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8411-8414.	7.2	55
95	Hydrophobin-stabilized dispersions of PVDF nanoparticles in water. <i>Journal of Fluorine Chemistry</i> , 2015, 177, 62-69.	0.9	22
96	Supramolecular hierarchy among halogen and hydrogen bond donors in light-induced surface patterning. <i>Journal of Materials Chemistry C</i> , 2015, 3, 759-768.	2.7	87
97	A synthetically modified hydrophobin showing enhanced fluorinated affinity. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 140-147.	5.0	9
98	Supramolecular amplification of amyloid self-assembly by iodination. <i>Nature Communications</i> , 2015, 6, 7574.	5.8	88
99	Halogen bonding enhances nonlinear optical response in poled supramolecular polymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3003-3006.	2.7	44
100	Nanomedicine delivery: does protein corona route to the target or off road?. <i>Nanomedicine</i> , 2015, 10, 3231-3247.	1.7	86
101	Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds. <i>Macromolecules</i> , 2015, 48, 7535-7542.	2.2	27
102	¹⁹ F Magnetic Resonance Imaging (MRI): From Design of Materials to Clinical Applications. <i>Chemical Reviews</i> , 2015, 115, 1106-1129.	23.0	401
103	Halogen-bonded mesogens direct polymer self-assemblies up to millimetre length scale. <i>Nature Communications</i> , 2014, 5, 4043.	5.8	66
104	Halogen Bond: A Long Overlooked Interaction. <i>Topics in Current Chemistry</i> , 2014, 358, 1-17.	4.0	14
105	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.	1.9	24
106	Type II halogen-halogen contacts are halogen bonds. <i>IUCr</i> , 2014, 1, 5-7.	1.0	156
107	Halogen-Bonded Photoresponsive Materials. <i>Topics in Current Chemistry</i> , 2014, 359, 147-166.	4.0	25
108	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

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109	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.	0.5	21
110	Recognition of Polyfluorinated Compounds Through Self-Aggregation in a Cavity. <i>Journal of the American Chemical Society</i> , 2014, 136, 1786-1788.	6.6	88
111	Orthogonal halogen and hydrogen bonds involving a peptide bond model. <i>CrystEngComm</i> , 2014, 16, 8102-8105.	1.3	47
112	Fluorine-induced J-aggregation enhances emissive properties of a new NLO push-pull chromophore. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5275.	2.7	25
113	Polymorphs and co-crystals of haloprogin: an antifungal agent. <i>CrystEngComm</i> , 2014, 16, 5897-5904.	1.3	48
114	Naming Interactions from the Electrophilic Site. <i>Crystal Growth and Design</i> , 2014, 14, 2697-2702.	1.4	190
115	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.	6.6	113
116	Multinuclear Solid-State Magnetic Resonance as a Sensitive Probe of Structural Changes upon the Occurrence of Halogen Bonding in Co-crystals. <i>Chemistry - A European Journal</i> , 2013, 19, 11949-11962.	1.7	41
117	Self-Assembly of Pyridine-Modified Lipoic Acid Derivatives on Gold and Their Interaction with Thyroxine (T4). <i>International Journal of Molecular Sciences</i> , 2013, 14, 3500-3513.	1.8	3
118	C-halogen-O supramolecular synthons: <i>in situ</i> cryocrystallisation of 1,2-dihalotetrafluoroethane/HMPA adducts. <i>Supramolecular Chemistry</i> , 2013, 25, 718-727.	1.5	8
119	Supramolecular Hierarchy among Halogen-Bond Donors. <i>Chemistry - A European Journal</i> , 2013, 19, 16240-16247.	1.7	202
120	Hydrophobin: fluorosurfactant-like properties without fluorine. <i>Soft Matter</i> , 2013, 9, 6505.	1.2	24
121	Halogen-bonding-triggered supramolecular gel formation. <i>Nature Chemistry</i> , 2013, 5, 42-47.	6.6	410
122	In the Pursuit of Efficient Anion-Binding Organic Ligands Based on Halogen Bonding. <i>Crystal Growth and Design</i> , 2013, 13, 871-877.	1.4	24
123	Halogen bond directionality translates tecton geometry into self-assembled architecture geometry. <i>CrystEngComm</i> , 2013, 15, 3102.	1.3	60
124	Metal-bound halogen atoms in crystal engineering. <i>Chemical Communications</i> , 2013, 49, 1783.	2.2	46
125	Halogen Bonding and Pharmaceutical Cocrystals: The Case of a Widely Used Preservative. <i>Molecular Pharmaceutics</i> , 2013, 10, 1760-1772.	2.3	99
126	The Halogen Bond in the Design of Functional Supramolecular Materials: Recent Advances. <i>Accounts of Chemical Research</i> , 2013, 46, 2686-2695.	7.6	728

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127	Anisotropic ionic conductivity in fluorinated ionic liquid crystals suitable for optoelectronic applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6572.	5.2	64
128	Definition of the halogen bond (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013, 85, 1711-1713.	0.9	1,554
129	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
130	An Adaptable and Dynamically Porous Organic Salt Traps Unique Tetrahalide Dianions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13444-13448.	7.2	73
131	Different Permeability of Potassium Salts across the Blood-Brain Barrier Follows the Hofmeister Series. <i>PLoS ONE</i> , 2013, 8, e78553.	1.1	6
132	The halogen-bonded adduct 1,4-bis(pyridin-4-yl)buta-1,3-diene-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
133	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
134	[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
135	(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
136	(Tris{2-[2-(2,3,5,6-tetrafluoro-4-iodophenoxy)ethoxy]ethyl}amine)potassium iodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m284-m285.	0.2	0
137	Câ€œBrâ€œO supramolecular synthon: in situ cryocrystallography of low melting halogen-bonded complexes. <i>CrystEngComm</i> , 2012, 14, 4259.	1.3	29
138	2-Iodo-imidazolium receptor binds oxoanions via charge-assisted halogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1329.	1.5	113
139	Halogen Bonding: Where We Are and Where We Are Going. <i>Crystal Growth and Design</i> , 2012, 12, 5835-5838.	1.4	144
140	Photoalignment and Surface-Relief-Grating Formation are Efficiently Combined in Low-Molecular-Weight Halogen-Bonded Complexes. <i>Advanced Materials</i> , 2012, 24, OP345-52.	11.1	80
141	Halogen and chalcogen team up. <i>Nature Chemistry</i> , 2012, 4, 437-438.	6.6	43
142	Solution and Solid State Synthesis of the Discrete Polyiodide I73â€œ under Modular Cation Templation. <i>Crystal Growth and Design</i> , 2012, 12, 5757-5762.	1.4	32
143	Polymer-Based Photocatalytic Hydrogen Generation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10944-10949.	1.5	65
144	A polyfluoroalkyl imidazolium ionic liquid as iodide ion source in dye sensitized solar cells. <i>Organic Electronics</i> , 2012, 13, 2474-2478.	1.4	37

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145	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.	1.4	48
146	The quest for a molecular capsule assembled via halogen bonds. <i>CrystEngComm</i> , 2012, 14, 6366.	1.3	59
147	The fluorous effect in biomolecular applications. <i>Chemical Society Reviews</i> , 2012, 41, 31-42.	18.7	384
148	Hydrogen and halogen bonding drive the orthogonal self-assembly of an organic framework possessing 2D channels. <i>Chemical Communications</i> , 2012, 48, 8207.	2.2	63
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