Acadâ€Prof Kari Rissanen

List of Publications by Year
in descending order

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794	29,725	8159	11899
papers	citations	76 h-index	134 g-index

894	894	894	21526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Definition of the halogen bond (IUPAC Recommendations 2013). Pure and Applied Chemistry, 2013, 85, 1711-1713.	0.9	1,554
2	White Phosphorus Is Air-Stable Within a Self-Assembled Tetrahedral Capsule. Science, 2009, 324, 1697-1699.	6.0	995
3	X-ray analysis on the nanogram to microgram scale using porous complexes. Nature, 2013, 495, 461-466.	13.7	714
4	Self-Assembly of Janus Dendrimers into Uniform Dendrimersomes and Other Complex Architectures. Science, 2010, 328, 1009-1014.	6.0	654
5	Recognition and sensing of fluoride anion. Chemical Communications, 2009, , 2809.	2.2	610
6	Halogen bonded supramolecular complexes and networks. CrystEngComm, 2008, 10, 1107.	1.3	400
7	A synthetic molecular pentafoil knot. Nature Chemistry, 2012, 4, 15-20.	6.6	379
8	A Selfâ€Assembled M₈L₆ Cubic Cage that Selectively Encapsulates Large Aromatic Guests. Angewandte Chemie - International Edition, 2011, 50, 3479-3483.	7.2	350
9	Spin Crossover in a Supramolecular Fe4II [2Ã—2] Grid Triggered by Temperature, Pressure, and Light. Angewandte Chemie - International Edition, 2000, 39, 2504-2507.	7.2	334
10	An Unlockableâ€“Relockable Iron Cage by Subcomponent Selfâ€Assembly. Angewandte Chemie - International Edition, 2008, 47, 8297-8301.	7.2	323
11	Definition of the chalcogen bond (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2019, 91, 1889-1892.	0.9	322
12	Highlights on contemporary recognition and sensing of fluoride anion in solution and in the solid state. Chemical Society Reviews, 2013, 42, 2016-2038.	18.7	261
13	Nonporous Organic Solids Capable of Dynamically Resolving Mixtures of Diiodoperfluoroalkanes. Science, 2009, 323, 1461-1464.	6.0	259
14	Anionâ€Ï€ Interactions with Fluoroarenes. Chemical Reviews, 2015, 115, 8867-8895.	23.0	247
15	Nanomolar Pyrophosphate Detection in Water and in a Self-Assembled Hydrogel of a Simple Terpyridine-Zn²⁺ Complex. Journal of the American Chemical Society, 2014, 136, 5543-5546.	6.6	230
16	Organocatalytic Domino Oxaâ€Michael/1,6â€Addition Reactions: Asymmetric Synthesis of Chromans Bearing Oxindole Scaffolds. Angewandte Chemie - International Edition, 2016, 55, 12104-12108.	7.2	225
17	Water Structure Recovery in Chaotropic Anion Recognition: Highâ€Affinity Binding of Dodecaborate Clusters to Î³â€Cyclodextrin. Angewandte Chemie - International Edition, 2015, 54, 6852-6856.	7.2	214
18	Alternative Motifs for Halogen Bonding. European Journal of Organic Chemistry, 2013, 2013, 1617-1637.	1.2	203

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19	Red and blue luminescent metallo-supramolecular coordination polymers assembled through Ï€â€“Ï€ interactionsâ€Šâ€. Dalton Transactions RSC, 2000, , 1447-1462.	2.3	200
20	Experimental investigation of anionâ€“Ï€ interactions â€“ applications and biochemical relevance. Chemical Communications, 2016, 52, 1778-1795.	2.2	197
21	Self-Assembly and Anion Encapsulation Properties of Cavitand-Based Coordination Cages. Journal of the American Chemical Society, 2001, 123, 7539-7552.	6.6	193
22	Breathing molecular crystals: halogen- and hydrogen-bonded porous molecular crystals with solvent induced adaptation of the nanosized channels. Chemical Science, 2012, 3, 1235.	3.7	162
23	Asymmetric Synthesis of Spirobenzazepinones with Atroposelectivity and Spiroâ€1,2â€Diazepinones by NHCâ€Catalyzed [3+4] Annulation Reactions. Angewandte Chemie - International Edition, 2016, 55, 11110-11114.	7.2	162
24	Noncovalent Assembly of Functional Groups on Calix[4]Arene Molecular Boxes. Chemistry - A European Journal, 1997, 3, 1823-1832.	1.7	154
25	Gold Nanowired: A Linear (Au₂₅_n Polymer from Au₂₅ Molecular Clusters. ACS Nano, 2014, 8, 8505-8512.	7.3	146
26	Au₂₅(SEt)₁₈, a Nearly Naked Thiolate-Protected Au₂₅ Cluster: Structural Analysis by Single Crystal X-ray Crystallography and Electron Nuclear Double Resonance. ACS Nano, 2014, 8, 3904-3912.	7.3	145
27	Recognition of Alkali Metal Halide Contact Ion Pairs by Uranylâ^'Salophen Receptors Bearing Aromatic Sidearms. The Role of Cationâ^Ï€ Interactions. Journal of the American Chemical Society, 2005, 127, 3831-3837.	6.6	141
28	Elucidation of the Chiral Recognition Mechanism of Cinchona Alkaloid Carbamate-type Receptors for 3,5-Dinitrobenzoyl Amino Acids. Journal of the American Chemical Society, 2002, 124, 8611-8629.	6.6	139
29	Pyrene-Derived Novel One- and Two-Component Organogelators. Chemistry - A European Journal, 2003, 9, 1922-1932.	1.7	139
30	Selfâ€Assembly of M₂₄L₄₈ Polyhedra Based on Empirical Prediction. Angewandte Chemie - International Edition, 2012, 51, 3161-3163.	7.2	136
31	Anion Binding to Resorcinareneâ€Based Cavitands: The Importance of Cï£¿Hâ‹…â‹…â‹…Anion Interactions. Angewandte Chemie - International Edition, 2008, 47, 788-792.	7.2	132
32	Metallo-Supramolecular Self-Assembly: the Case of Triangle-Square Equilibria. Inorganic Chemistry, 2008, 47, 7588-7598.	1.9	123
33	Pentameric Circular Iron(II) Double Helicates and a Molecular Pentafoil Knot. Journal of the American Chemical Society, 2012, 134, 9488-9497.	6.6	123
34	Metal Doping of Au₂₅(SR)₁₈^{â€“} Clusters: Insights and Hindsights. Journal of the American Chemical Society, 2019, 141, 16033-16045.	6.6	120
35	NoncovalentÏ€â‹…â‹…â‹…Ï€-Stacked Exo-Functional Nanotubes: Subtle Control of Resorcinarene Self-Assembly. Angewandte Chemie - International Edition, 2004, 43, 1243-1246.	7.2	118
36	Flying Capsules: Mass Spectrometric Detection of Pyrogallarene and Resorcinarene Hexamers. Angewandte Chemie - International Edition, 2006, 45, 5214-5218.	7.2	117

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37	Self-assembling resorcinarene capsules: solid and gas phase studies on encapsulation of small alkyl ammonium cations. New Journal of Chemistry, 2003, 27, 88-97.	1.4	111
38	Induced-Fit Molecular Recognition with Water-Soluble Cavitands. Chemistry - A European Journal, 2000, 6, 3797-3805.	1.7	106
39	Structural Changes of Cellulose Crystallites Induced by Mercerisation in Different Solvent Systems; Determined by Powder X-ray Diffraction Method. Cellulose, 2005, 12, 233-242.	2.4	104
40	Asymmetric Synthesis of Spiro-oxindole-Îµ-lactones through N-Heterocyclic Carbene Catalysis. Organic Letters, 2018, 20, 3622-3626.	2.4	102
41	Generation of an equilibrating collection of circular inorganic copper(i) architectures and solid-state stabilisation of the dicopper helicate component. Chemical Communications, 1997, , 1323-1324.	2.2	101
42	Counterion influence on the Nâ€“Iâ€“N halogen bond. Chemical Science, 2015, 6, 3746-3756.	3.7	100
43	[Nâ‹…â‹…â‹…I⁺â‹…â‹…â‹…N] HalogenâBonded Dimeric Capsules from Tetrakis(3â€pyridyl)ethylene Cavitands. Angewandte Chemie - International Edition, 2016, 55, 14033-14036.	7.2	100
44	Halogen bondingâ€"a key step in charge recombination of the dye-sensitized solar cell. Chemical Communications, 2011, 47, 4499.	2.2	99
45	Chelate Cooperativity and Spacer Length Effects on the Assembly Thermodynamics and Kinetics of Divalent Pseudorotaxanes. Journal of the American Chemical Society, 2012, 134, 1860-1868.	6.6	99
46	Systematic Construction of Ternary Cocrystals by Orthogonal and Robust Hydrogen and Halogen Bonds. Journal of the American Chemical Society, 2016, 138, 6610-6616.	6.6	99
47	Ion Pair Recognition of Quaternary Ammonium and Iminium Salts by Uranylâ^'Salophen Compounds in Solution and in the Solid State. Journal of the American Chemical Society, 2007, 129, 3641-3648.	6.6	97
48	Enantiomerically Pure [M₆L₁₂] or [M₁₂L₂₄] Polyhedra from Flexible Bis(Pyridine) Ligands. Angewandte Chemie - International Edition, 2014, 53, 1693-1698.	7.2	96
49	Crystallography of encapsulated molecules. Chemical Society Reviews, 2017, 46, 2638-2648.	18.7	95
50	Switchable Access to Different Spirocyclopentane Oxindoles by Nâ€Heterocyclic Carbene Catalyzed Reactions of Isatinâ€Derived Enals and Nâ€Sulfonyl Ketimines. Angewandte Chemie - International Edition, 2017, 56, 8516-8521.	7.2	94
51	Neutral Organometallic Halogen Bond Acceptors: Halogen Bonding in Complexes of PCPPdX (X = Cl,) Tj ETQq1 1 0.784314 rgBT /Ove 1,4-Diiodooctafluorobutane (F8DIBu). Crystal Growth and Design, 2012, 12, 362-368.	1.4	91
52	Interaction between amines and N-haloimides: a new motif for unprecedentedly short Brâ‹¯N and Iâ‹¯N halogen bonds. CrystEngComm, 2011, 13, 6972.	1.3	90
53	Dimensional encapsulation of Iâ^'â‹¯I2â‹¯Iâ^' in an organic salt crystal matrix. Chemical Communications, 2010, 46, 2724.	2.2	89
54	Encapsulation of Xenon by a Self-Assembled Fe₄L₆ Metallosupramolecular Cage. Journal of the American Chemical Society, 2015, 137, 2464-2467.	6.6	89

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55	Substituent Effects on the [Nâ€“Iâ€“N]⁺ Halogen Bond. Journal of the American Chemical Society, 2016, 138, 9853-9863.	6.6	89
56	Photoswitchable Catenanes. Angewandte Chemie International Edition in English, 1993, 32, 1295-1297.	4.4	88
57	Zincâ€“salophen complexes as selective receptors for tertiary amines. New Journal of Chemistry, 2007, 31, 1633.	1.4	88
58	Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. Angewandte Chemie - International Edition, 2016, 55, 9625-9629.	7.2	87
59	A New Macrobicyclic Tris-bipyridine Ligand and Its Cu2I and Ag3I Complexes. Angewandte Chemie International Edition in English, 1991, 30, 1331-1333.	4.4	86
60	Design and synthesis of the first triply twisted MÃ¶bius annulene. Nature Chemistry, 2014, 6, 608-613.	6.6	86
61	Nano-sized I12L6 Molecular Capsules Based on the [Nâ‹…â‹…â‹…I+â‹…â‹…â‹…N] Halogen Bond. CheM, 2017, 3, 861-869.	6.6	86
62	Ion mobilityâ€“mass spectrometry of supramolecular complexes and assemblies. Nature Reviews Chemistry, 2019, 3, 4-14.	13.8	86
63	Repetitiveâ€Synthesis of Bulky Dendrimers â€“ A Reversibly Photoactive Dendrimer with Six Azobenzene Side Chains. Chemische Berichte, 1993, 126, 1161-1169.	0.2	85
64	Self-assembly of rigid-rack multimetallic complexes of rotaxane-type. Journal of the Chemical Society Chemical Communications, 1995, , 715.	2.0	85
65	Encapsulation of diquats by resorcinarenes: a novel staggered anionâ€“solvent mediated hydrogen bonded capsule. Chemical Communications, 2002, , 1902-1903.	2.2	83
66	A New Structural Motif for an Enantiomerically Pure Metallosupramolecular Pd₄L₈ Aggregate by Anion Templating. Angewandte Chemie - International Edition, 2014, 53, 3739-3742.	7.2	83
67	A Halogenâ€Bonded Dimeric Resorcinarene Capsule. Angewandte Chemie - International Edition, 2015, 54, 7303-7307.	7.2	83
68	Asymmetric Synthesis of Spirocyclic Î²â€Lactams through Copperâ€Catalyzed Kinugasa/Michael Domino Reactions. Angewandte Chemie - International Edition, 2018, 57, 10985-10988.	7.2	83
69	An Octanuclear Metallosupramolecular Cage Designed To Exhibit Spinâ€Crossover Behavior. Angewandte Chemie - International Edition, 2017, 56, 4930-4935.	7.2	80
70	Structural Versatility of Anionâˆ’Ï€ Interactions in Halide Salts with Pentafluorophenyl Substituted Cations. Journal of the American Chemical Society, 2008, 130, 4600-4601.	6.6	79
71	A Simple Organocatalytic Enantioselective Synthesis of Pregabalin. European Journal of Organic Chemistry, 2009, 2009, 1340-1351.	1.2	79
72	Very strong ^{â”}Nâ€“X⁺â‹¯^{â”}Oâ€“N⁺ halogen bonds. Chemical Communications, 2016, 52, 2338-2341.	2.2	79

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73	Cooperative Assistance in Bifunctional Organocatalysis: Enantioselective Mannich Reactions with Aliphatic and Aromatic Imines. Angewandte Chemie - International Edition, 2012, 51, 8495-8499.	7.2	78
74	NÂ€Heterocyclic Carbene Catalyzed [4+2] Annulation of Enals via a Double Vinylogous Michael Addition: Asymmetric Synthesis of 3,5â€Diaryl Cyclohexenones. Angewandte Chemie - International Edition, 2017, 56, 6241-6245.	7.2	77
75	Templated Synthesis of Cyclic [4]Rotaxanes Consisting of Two Stiff Rods Threaded through Two Bis-macrocycles with a Large and Rigid Central Plate as Spacer. Journal of the American Chemical Society, 2010, 132, 6840-6850.	6.6	76
76	Encapsulation of Et3N+â€“HÂ·Â·Â·OH2 in a hydrogen-bonded resorcarene capsule. Chemical Communications, 2000, , 1107-1108.	2.2	75
77	Two-Level Self-Organisation of Arrays of [2Ã—2] Grid-Type Tetranuclear Metal Complexes by Hydrogen Bonding. European Journal of Inorganic Chemistry, 2001, 2001, 1515-1521.	1.0	75
78	Anionâ€“Ï€ Interactions in Salts with Polyhalide Anions: Trapping of I₄^{2â^’}. Chemistry - A European Journal, 2010, 16, 12446-12453.	1.7	75
79	The conversion from cellulose I to cellulose II in NaOH mercerization performed in alcoholâ€“water systems: An X-ray powder diffraction study. Carbohydrate Polymers, 2007, 68, 35-43.	5.1	74
80	Sizeâ€Selective Encapsulation of Hydrophobic Guests by Selfâ€Assembled M₄L₆ Cobalt and Nickel Cages. Chemistry - A European Journal, 2013, 19, 3374-3382.	1.7	73
81	Asymmetric synthesis of 3,3â€²-pyrrolidinyl-dispirooxindoles via a one-pot organocatalytic Mannich/deprotection/aza-Michael sequence. Chemical Communications, 2016, 52, 2249-2252.	2.2	72
82	Recognition-Directed Supramolecular Assemblies of Metal Complexes of Terpyridine Derived Ligands with Self-Complementary Hydrogen Bonding Sites. Chemistry - A European Journal, 2000, 6, 4132-4139.	1.7	71
83	Dynamic Formation of Hybrid Peptidic Capsules by Chiral Selfâ€Sorting and Selfâ€Assembly. Angewandte Chemie - International Edition, 2014, 53, 13760-13764.	7.2	71
84	Weak interactions between resorcinarenes and diquaternary alkyl ammonium cations. New Journal of Chemistry, 2005, 29, 116-127.	1.4	70
85	CHâ€Directed Anionâ€“Ï€ Interactions in the Crystals of Pentafluorobenzylâ€Substituted Ammonium and Pyridinium Salts. Chemistry - A European Journal, 2010, 16, 5062-5069.	1.7	70
86	Electrocrystallization of Monolayer-Protected Gold Clusters: Opening the Door to Quality, Quantity, and New Structures. Journal of the American Chemical Society, 2017, 139, 4168-4174.	6.6	70
87	Multicomponent Self-Assembly:â€‰ Generation of Rigid-Rack Multimetallic Pseudorotaxanes. Inorganic Chemistry, 1997, 36, 4734-4742.	1.9	69
88	X-Ray and NMR Studies on Host-Guest Inclusion Complex Formation between Crown Ethers and Pyridinium Compounds. Chemistry - A European Journal, 1998, 4, 84-92.	1.7	69
89	New Chiral Cyclohexylhemicucurbit[6]uril. Organic Letters, 2013, 15, 3786-3789.	2.4	69
90	X-ray Snapshot Observation of Palladium-Mediated Aromatic Bromination in a Porous Complex. Journal of the American Chemical Society, 2014, 136, 6892-6895.	6.6	68

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91	Mono-, di- and tri-nuclear Ni(II) complexes of N-, O-donor ligands: structural diversity and reactivity. Inorganic Chemistry Communication, 2002, 5, 924-928.	1.8	67
92	Selective derivatisation of resorcarenes: 1. The regioselective formation of tetra-benzoxazine derivatives. Tetrahedron, 1997, 53, 10709-10724.	1.0	66
93	Direct High-Performance Liquid Chromatographic Separation of Peptide Enantiomers:Â Study on Chiral Recognition by Systematic Evaluation of the Influence of Structural Features of the Chiral Selectors on Enantioselectivity. Analytical Chemistry, 2002, 74, 5658-5666.	3.2	66
94	Enantiomerically Pure Trinuclear Helicates via Diastereoselective Self-Assembly and Characterization of Their Redox Chemistry. Journal of the American Chemical Society, 2014, 136, 11830-11838.	6.6	65
95	Squaramideâ€Catalyzed Asymmetric azaâ€Friedelâ€“Crafts/N,Oâ€Acetalization Domino Reactions Between 2â€Naphthols and Pyrazolinone Ketimines. Angewandte Chemie - International Edition, 2017, 56, 15358-15362.	7.2	65
96	Concave Hydrocarbons. Chemistry - A European Journal, 1996, 2, 1585-1595.	1.7	64
97	Synthesis of Chlorinated Biphenyls by Suzuki Crossâ€Coupling Using Diamine or Diimineâ€Palladium Complexes. European Journal of Organic Chemistry, 2008, 2008, 4019-4024.	1.2	63
98	Accelerated dinuclear palladium catalyst identification through unsupervised machine learning. Science, 2021, 374, 1134-1140.	6.0	63
99	Synthesis of a tetradentate piperazine ligand and a structural study of its coordination compounds. Polyhedron, 1999, 18, 2265-2273.	1.0	61
100	Tetrameric and Dimeric [Nâ‹…â‹…â‹…I⁺â‹…â‹…â‹…N] Halogenâ€Bonded Supramolecular Cages. Chemistry - A European Journal, 2017, 23, 11714-11718.	1.7	61
101	Syntheses, structure, reactivity and species recognition studies of oxo-vanadium(V) and -molybdenum(VI) complexesâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1998, , 2383-2394.	1.1	60
102	First Crystallographic Investigation of Complexes of cis-VO2+, cis-MoO22+, and trans-UO22+ Species with Schiff-Base Molecules Derived from 4,6-O-Ethylidene-Î²-D-glucopyranosylamine. European Journal of Inorganic Chemistry, 2001, 2001, 2773.	1.0	60
103	Mixed-Valence, Mixed-Spin-State, and Heterometallic [2Ã—2] Grid-type Arrays Based on Heteroditopic Hydrazone Ligands: Synthesis and Electrochemical Features. Chemistry - A European Journal, 2005, 11, 2549-2565.	1.7	60
104	Luminescent alkynyl-gold(<scp>i</scp>) coumarin derivatives and their biological activity. Dalton Transactions, 2014, 43, 4426-4436.	1.6	60
105	Asymmetric, Threeâ€Component, Oneâ€Pot Synthesis of Spiropyrazolones and 2,5â€Chromenediones from Aldol Condensation/NHCâ€Catalyzed Annulation Reactions. Chemistry - A European Journal, 2016, 22, 5123-5127.	1.7	59
106	Ligand Entrapment in Twofold Interpenetrating PtS Matrixes by Metallo-Organic Frameworks. Inorganic Chemistry, 2003, 42, 5126-5134.	1.9	58
107	Bisfunctionalized Janus Molecules. Organic Letters, 2004, 6, 2495-2497.	2.4	58
108	Cooperativity of H-bonding and anionâ€“Ï€ interaction in the binding of anions with neutral Ï€-acceptors. Chemical Communications, 2012, 48, 9983.	2.2	58

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109	Achieving Strong Positive Cooperativity through Activating Weak NonÂ€Covalent Interactions. Angewandte Chemie - International Edition, 2018, 57, 709-713.	7.2	58
110	Halogen bonds with coordinative nature: halogen bonding in a Sâ€“I⁺â€“S iodonium complex. CrystEngComm, 2015, 17, 1231-1236.	1.3	56
111	Chiral hemicucurbit[8]uril as an anion receptor: selectivity to size, shape and charge distribution. Chemical Science, 2017, 8, 2184-2190.	3.7	56
112	Asymmetric Synthesis of Amino-Bis-Pyrazolone Derivatives via an Organocatalytic Mannich Reaction. Journal of Organic Chemistry, 2017, 82, 7050-7058.	1.7	56
113	Directional Shuttling of a StimuliÂ€Responsive ConeÂ€Like Macrocycle on a SingleÂ€State Symmetric Dumbbell Axle. Angewandte Chemie - International Edition, 2018, 57, 7809-7814.	7.2	56
114	[4]Pseudorotaxanes with Remarkable Self-Sorting Selectivities. Organic Letters, 2011, 13, 4502-4505.	2.4	55
115	Synthesis, structural diversity, inter-conversion and reactivity of Cu(II) complexes of hydroxy-rich molecules. Inorganic Chemistry Communication, 2002, 5, 380-383.	1.8	54
116	Synthesis, structure and photophysical properties of a highly luminescent terpyridine-diphenylacetylene hybrid fluorophore and its metal complexes. Dalton Transactions, 2015, 44, 254-267.	1.6	54
117	Stepwise Construction of Heterobimetallic Cages by an Extended Molecular Library Approach. Inorganic Chemistry, 2018, 57, 3507-3515.	1.9	54
118	Strong Nâˆ’Xâ‹...â‹...Oâˆ’N Halogen Bonds: A Comprehensive Study on NâEHalosaccharin Pyridine Nâ€Oxide Complexes. Angewandte Chemie - International Edition, 2019, 58, 18610-18618.	7.2	54
119	Resorcarenes in the Boat Conformation as Building Blocks for Hydrogen-Bonded Assemblies Including Two Ammonium Cations. Chemistry - A European Journal, 2001, 7, 1944-1951.	1.7	53
120	Very Large Container Molecules. Angewandte Chemie - International Edition, 2005, 44, 3652-3654.	7.2	53
121	C-Methyl resorcin[4]arene packing motifs with alkyl ammonium salts: From molecular capsules to channels and tubes. CrystEngComm, 2005, 7, 519.	1.3	53
122	Carbonâ€™s Three-Center, Four-Electron Tetrel Bond, Treated Experimentally. Journal of the American Chemical Society, 2018, 140, 17571-17579.	6.6	53
123	Structural Studies of Self-Folding Cavitands. Helvetica Chimica Acta, 2000, 83, 1778-1790.	1.0	52
124	Synthesis, reactions and structural features of monofluorinated cyclopropanecarboxylates. Journal of Fluorine Chemistry, 2002, 114, 189-198.	0.9	52
125	Generation of [2Ã—2] Grid Metallosupramolecular Architectures from Preformed Ditopic Bis(acylhydrazone) Ligands and through Component Self-Assembly. European Journal of Inorganic Chemistry, 2007, 2007, 2944-2965.	1.0	52
126	A highly selective, Hg²⁺ triggered hydrogelation: modulation of morphology by chemical stimuli. Chemical Communications, 2014, 50, 734-736.	2.2	52

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127	Solvent induced single-crystal to single-crystal structural transformation and concomitant transmetalation in a 3D cationic Zn(<scp>ii</scp>)-framework. Chemical Communications, 2015, 51, 3173-3176.	2.2	52
128	Synthesis and Characterisation of Chiral Triazoleâ€Based Halogenâ€Bond Donors: Halogen Bonds in the Solid State and in Solution. Chemistry - A European Journal, 2017, 23, 7337-7344.	1.7	52
129	Hierarchical halogen bonding induces polymorphism. CrystEngComm, 2009, 11, 750.	1.3	51
130	Synthesis of trans-disubstituted-2,3-dihydrobenzofurans by a formal [4 + 1] annulation between para-quinone methides and sulfonium salts. Organic Chemistry Frontiers, 2018, 5, 1348-1351.	2.3	51
131	Hydrogen-Bonding Effects in Calix[4]arene Capsules. Chemistry - A European Journal, 2000, 6, 3788-3796.	1.7	50
132	2,2â€²:6â€²,2â€³-Terpyridine Trimethylplatinum(IV) Iodide Complexes as Bifunctional Halogen Bond Acceptors. Crystal Growth and Design, 2016, 16, 2527-2534.	1.4	50
133	Efficient stabilisation of a dihydrogenphosphate tetramer and a dihydrogenpyrophosphate dimer byÂa cyclic pseudopeptide containing 1,4-disubstituted 1,2,3-triazole moieties. Chemical Science, 2017, 8, 6005-6013.	3.7	50
134	Enantioselective Total Syntheses of (+)-Hippolachnin A, (+)-Gracilioether A, (â^')-Gracilioether E, and (â^')-Gracilioether F. Journal of the American Chemical Society, 2018, 140, 1937-1944.	6.6	50
135	Control of Nâ€Heterocyclic Carbene Catalyzed Reactions of Enals: Asymmetric Synthesis of Oxindoleâ€[3]â€Amino Acid Derivatives. Angewandte Chemie - International Edition, 2018, 57, 300-304.	7.2	50
136	Dendritic Pyridine-Functionalized Polyesters and Their Polycationic Hydrogen Bonded Picrates:â€‰ Synthesis and X-ray Structural Study of Weak Hydrogen Bonding. Crystal Growth and Design, 2003, 3, 339-353.	1.4	49
137	Sterically and Guest-Controlled Self-Assembly of Calix[4]arene Derivatives. Chemistry - A European Journal, 2004, 10, 2138-2148.	1.7	49
138	Potentiometric sensors based on poly(3,4-ethylenedioxythiophene) (PEDOT) doped with sulfonated calix[4]arene and calix[4]resorcarenes. Journal of Solid State Electrochemistry, 2005, 9, 312-319.	1.2	49
139	Halogen Bonding-Based â€œCatch and Releaseâ€: Reversible Solid-State Entrapment of Elemental Iodine with Monoalkylated DABCO Salts. Crystal Growth and Design, 2012, 12, 4157-4169.	1.4	49
140	A Double Calix[4]arene in a 1,3-alternate Conformation. Angewandte Chemie International Edition in English, 1996, 35, 1009-1011.	4.4	48
141	Syntheses and crystal structures of three novel Cu(II) coordination polymers of different dimensionality constructed from Cu(II) carboxylates (carboxylate=malonate (mal), 2 acetate (ac),) Tj ETQq1 1 0.784314 rgBT /Overlock Polyhedron, 2004, 23, 3007-3019.	1.0	48
142	Solvent Exchange in Thermally Stable Resorcinarene Nanotubes. Chemistry - A European Journal, 2006, 12, 4289-4296.	1.7	48
143	Self-Organization of 2-Acylaminopyridines in the Solid State and in Solution. Journal of Physical Chemistry A, 2010, 114, 10421-10426.	1.1	48
144	Halogen bonding drives the self-assembly of piperazine cyclophanes into tubular structures. Chemical Communications, 2009, , 2160.	2.2	47

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