

Acad€Prof Kari Rissanen

List of Publications by Year in descending order

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794
papers

29,725
citations

8181

76
h-index

11939

134
g-index

894
all docs

894
docs citations

894
times ranked

21526
citing authors

#	ARTICLE	IF	CITATIONS
1	Definition of the halogen bond (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013, 85, 1711-1713.	1.9	1,554
2	White Phosphorus Is Air-Stable Within a Self-Assembled Tetrahedral Capsule. <i>Science</i> , 2009, 324, 1697-1699.	12.6	995
3	X-ray analysis on the nanogram to microgram scale using porous complexes. <i>Nature</i> , 2013, 495, 461-466.	27.8	714
4	Self-Assembly of Janus Dendrimers into Uniform Dendrimersomes and Other Complex Architectures. <i>Science</i> , 2010, 328, 1009-1014.	12.6	654
5	Recognition and sensing of fluoride anion. <i>Chemical Communications</i> , 2009, , 2809.	4.1	610
6	Halogen bonded supramolecular complexes and networks. <i>CrystEngComm</i> , 2008, 10, 1107.	2.6	400
7	A synthetic molecular pentafoil knot. <i>Nature Chemistry</i> , 2012, 4, 15-20.	13.6	379
8	A Self-Assembled M ₈ L ₆ Cubic Cage that Selectively Encapsulates Large Aromatic Guests. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3479-3483.	13.8	350
9	Spin Crossover in a Supramolecular Fe ^{II} [2D] Grid Triggered by Temperature, Pressure, and Light. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2504-2507.	13.8	334
10	An Unlockable/Relockable Iron Cage by Subcomponent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8297-8301.	13.8	323
11	Definition of the chalcogen bond (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2019, 91, 1889-1892.	1.9	322
12	Highlights on contemporary recognition and sensing of fluoride anion in solution and in the solid state. <i>Chemical Society Reviews</i> , 2013, 42, 2016-2038.	38.1	261
13	Nonporous Organic Solids Capable of Dynamically Resolving Mixtures of Diiodoperfluoroalkanes. <i>Science</i> , 2009, 323, 1461-1464.	12.6	259
14	Anion-π Interactions with Fluoroarenes. <i>Chemical Reviews</i> , 2015, 115, 8867-8895.	47.7	247
15	Nanomolar Pyrophosphate Detection in Water and in a Self-Assembled Hydrogel of a Simple Terpyridine-Zn ²⁺ Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 5543-5546.	13.7	230
16	Organocatalytic Domino Oxa-Michael/1,6-Addition Reactions: Asymmetric Synthesis of Chromans Bearing Oxindole Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12104-12108.	13.8	225
17	Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to β-Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6852-6856.	13.8	214
18	Alternative Motifs for Halogen Bonding. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1617-1637.	2.4	203

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19	Red and blue luminescent metallo-supramolecular coordination polymers assembled through ĩ€â€“ĩ€ interactionsâ€Šâ€. Dalton Transactions RSC, 2000, , 1447-1462.	2.3	200
20	Experimental investigation of anionâ€“ĩ€ interactions â€“ applications and biochemical relevance. Chemical Communications, 2016, 52, 1778-1795.	4.1	197
21	Self-Assembly and Anion Encapsulation Properties of Cavitand-Based Coordination Cages. Journal of the American Chemical Society, 2001, 123, 7539-7552.	13.7	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.	7.4	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.	13.8	162
24	Noncovalent Assembly of Functional Groups on Calix[4]Arene Molecular Boxes. Chemistry - A European Journal, 1997, 3, 1823-1832.	3.3	154
25	Gold Nanowired: A Linear (Au₂₅)_{<i>n</i>} Polymer from Au₂₅ Molecular Clusters. ACS Nano, 2014, 8, 8505-8512.	14.6	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.	14.6	145
27	Recognition of Alkali Metal Halide Contact Ion Pairs by Uranylâ€“Salophen Receptors Bearing Aromatic Sidearms. The Role of Cationâ€“ĩ€ Interactions. Journal of the American Chemical Society, 2005, 127, 3831-3837.	13.7	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.	13.7	139
29	Pyrene-Derived Novel One- and Two-Component Organogelators. Chemistry - A European Journal, 2003, 9, 1922-1932.	3.3	139
30	Selfâ€Assembly of M₂₄L₄₈ Polyhedra Based on Empirical Prediction. Angewandte Chemie - International Edition, 2012, 51, 3161-3163.	13.8	136
31	Anion Binding to Resorcinareneâ€Based Cavitands: The Importance of Cĩ€ĤHâ€...â€...Anion Interactions. Angewandte Chemie - International Edition, 2008, 47, 788-792.	13.8	132
32	Metallo-Supramolecular Self-Assembly: the Case of Triangle-Square Equilibria. Inorganic Chemistry, 2008, 47, 7588-7598.	4.0	123
33	Pentameric Circular Iron(II) Double Helicates and a Molecular Pentafoil Knot. Journal of the American Chemical Society, 2012, 134, 9488-9497.	13.7	123
34	Metal Doping of Au₂₅(SR)₁₈^{â€“} Clusters: Insights and Hindsight. Journal of the American Chemical Society, 2019, 141, 16033-16045.	13.7	120
35	Noncovalentĩ€â€“ĩ€...â€“ĩ€-Stacked Exo-Functional Nanotubes: Subtle Control of Resorcinarene Self-Assembly. Angewandte Chemie - International Edition, 2004, 43, 1243-1246.	13.8	118
36	Flying Capsules: Mass Spectrometric Detection of Pyrogallarene and Resorcinarene Hexamers. Angewandte Chemie - International Edition, 2006, 45, 5214-5218.	13.8	117

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73	Cooperative Assistance in Bifunctional Organocatalysis: Enantioselective Mannich Reactions with Aliphatic and Aromatic Imines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8495-8499.	13.8	78
74	Nâ€Heterocyclic Carbene Catalyzed [4+2] Annulation of Enals via a Double Vinylogous Michael Addition: Asymmetric Synthesis of 3,5â€Diaryl Cyclohexenones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6241-6245.	13.8	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. <i>Journal of the American Chemical Society</i> , 2010, 132, 6840-6850.	13.7	76
76	Encapsulation of Et ₃ N+â€Hâ€OH ₂ in a hydrogen-bonded resorcarene capsule. <i>Chemical Communications</i> , 2000, , 1107-1108.	4.1	75
77	Two-Level Self-Organisation of Arrays of [2â€] Grid-Type Tetranuclear Metal Complexes by Hydrogen Bonding. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1515-1521.	2.0	75
78	Anionâ€Interactions in Salts with Polyhalide Anions: Trapping of I ₄ ²⁻ . <i>Chemistry - A European Journal</i> , 2010, 16, 12446-12453.	3.3	75
79	The conversion from cellulose I to cellulose II in NaOH mercerization performed in alcoholâ€water systems: An X-ray powder diffraction study. <i>Carbohydrate Polymers</i> , 2007, 68, 35-43.	10.2	74
80	Sizeâ€Selective Encapsulation of Hydrophobic Guests by Selfâ€Assembled M ₄ L ₆ Cobalt and Nickel Cages. <i>Chemistry - A European Journal</i> , 2013, 19, 3374-3382.	3.3	73
81	Asymmetric synthesis of 3,3â€pyrrolidinyl-dispirooxindoles via a one-pot organocatalytic Mannich/deprotection/aza-Michael sequence. <i>Chemical Communications</i> , 2016, 52, 2249-2252.	4.1	72
82	Recognition-Directed Supramolecular Assemblies of Metal Complexes of Terpyridine Derived Ligands with Self-Complementary Hydrogen Bonding Sites. <i>Chemistry - A European Journal</i> , 2000, 6, 4132-4139.	3.3	71
83	Dynamic Formation of Hybrid Peptidic Capsules by Chiral Selfâ€Sorting and Selfâ€Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13760-13764.	13.8	71
84	Weak interactions between resorcinarenes and diquaternary alkyl ammonium cations. <i>New Journal of Chemistry</i> , 2005, 29, 116-127.	2.8	70
85	CHâ€Directed Anionâ€Interactions in the Crystals of Pentafluorobenzylâ€Substituted Ammonium and Pyridinium Salts. <i>Chemistry - A European Journal</i> , 2010, 16, 5062-5069.	3.3	70
86	Electrocrystallization of Monolayer-Protected Gold Clusters: Opening the Door to Quality, Quantity, and New Structures. <i>Journal of the American Chemical Society</i> , 2017, 139, 4168-4174.	13.7	70
87	Multicomponent Self-Assembly:â€ Generation of Rigid-Rack Multimetallic Pseudorotaxanes. <i>Inorganic Chemistry</i> , 1997, 36, 4734-4742.	4.0	69
88	X-Ray and NMR Studies on Host-Guest Inclusion Complex Formation between Crown Ethers and Pyridinium Compounds. <i>Chemistry - A European Journal</i> , 1998, 4, 84-92.	3.3	69
89	New Chiral Cyclohexylhemicucurbit[6]uril. <i>Organic Letters</i> , 2013, 15, 3786-3789.	4.6	69
90	X-ray Snapshot Observation of Palladium-Mediated Aromatic Bromination in a Porous Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6892-6895.	13.7	68

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91	Mono-, di- and tri-nuclear Ni(II) complexes of N-, O-donor ligands: structural diversity and reactivity. <i>Inorganic Chemistry Communication</i> , 2002, 5, 924-928.	3.9	67
92	Selective derivatisation of resorcarenes: 1. The regioselective formation of tetra-benzoxazine derivatives. <i>Tetrahedron</i> , 1997, 53, 10709-10724.	1.9	66
93	Direct High-Performance Liquid Chromatographic Separation of Peptide Enantiomers: A Study on Chiral Recognition by Systematic Evaluation of the Influence of Structural Features of the Chiral Selectors on Enantioselectivity. <i>Analytical Chemistry</i> , 2002, 74, 5658-5666.	6.5	66
94	Enantiomerically Pure Trinuclear Helicates via Diastereoselective Self-Assembly and Characterization of Their Redox Chemistry. <i>Journal of the American Chemical Society</i> , 2014, 136, 11830-11838.	13.7	65
95	Squaramide-Catalyzed Asymmetric aza-Friedel-Crafts/N,O-Acetalization Domino Reactions Between 2-Naphthols and Pyrazolinone Ketimines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15358-15362.	13.8	65
96	Concave Hydrocarbons. <i>Chemistry - A European Journal</i> , 1996, 2, 1585-1595.	3.3	64
97	Synthesis of Chlorinated Biphenyls by Suzuki Cross-Coupling Using Diamine or Diimine-Palladium Complexes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4019-4024.	2.4	63
98	Accelerated dinuclear palladium catalyst identification through unsupervised machine learning. <i>Science</i> , 2021, 374, 1134-1140.	12.6	63
99	Synthesis of a tetradentate piperazine ligand and a structural study of its coordination compounds. <i>Polyhedron</i> , 1999, 18, 2265-2273.	2.2	61
100	Tetrameric and Dimeric [Nâ€¦â€¦â€¦] Halogen-Bonded Supramolecular Cages. <i>Chemistry - A European Journal</i> , 2017, 23, 11714-11718.	3.3	61
101	Syntheses, structure, reactivity and species recognition studies of oxo-vanadium(V) and -molybdenum(VI) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2383-2394.	1.1	60
102	First Crystallographic Investigation of Complexes of cis-VO ₂ ⁺ , cis-MoO ₂ ²⁺ , and trans-UO ₂ ²⁺ Species with Schiff-Base Molecules Derived from 4,6-O-Ethylidene-Î²-D-glucopyranosylamine. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2773.	2.0	60
103	Mixed-Valence, Mixed-Spin-State, and Heterometallic [2-2] Grid-type Arrays Based on Heteroditopic Hydrazone Ligands: Synthesis and Electrochemical Features. <i>Chemistry - A European Journal</i> , 2005, 11, 2549-2565.	3.3	60
104	Luminescent alkynyl-gold(III) coumarin derivatives and their biological activity. <i>Dalton Transactions</i> , 2014, 43, 4426-4436.	3.3	60
105	Asymmetric, Three-Component, One-Pot Synthesis of Spiropyrazolones and 2,5-Chromenediones from Aldol Condensation/NHC-Catalyzed Annulation Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 5123-5127.	3.3	59
106	Ligand Entrapment in Twofold Interpenetrating PtS Matrixes by Metallo-Organic Frameworks. <i>Inorganic Chemistry</i> , 2003, 42, 5126-5134.	4.0	58
107	Bisfunctionalized Janus Molecules. <i>Organic Letters</i> , 2004, 6, 2495-2497.	4.6	58
108	Cooperativity of H-bonding and anion-Î€ interaction in the binding of anions with neutral Î€-acceptors. <i>Chemical Communications</i> , 2012, 48, 9983.	4.1	58

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109	Achieving Strong Positive Cooperativity through Activating Weak Non-Covalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 709-713.	13.8	58
110	Halogen bonds with coordinative nature: halogen bonding in a S^{+} iodonium complex. <i>CrystEngComm</i> , 2015, 17, 1231-1236.	2.6	56
111	Chiral hemicucurbit[8]uril as an anion receptor: selectivity to size, shape and charge distribution. <i>Chemical Science</i> , 2017, 8, 2184-2190.	7.4	56
112	Asymmetric Synthesis of Amino-Bis-Pyrazolone Derivatives via an Organocatalytic Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 7050-7058.	3.2	56
113	Directional Shuttling of a Stimuli-Responsive Cone-Like Macrocycle on a Single-State Symmetric Dumbbell Axle. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7809-7814.	13.8	56
114	[4]Pseudorotaxanes with Remarkable Self-Sorting Selectivities. <i>Organic Letters</i> , 2011, 13, 4502-4505.	4.6	55
115	Synthesis, structural diversity, inter-conversion and reactivity of Cu(II) complexes of hydroxy-rich molecules. <i>Inorganic Chemistry Communication</i> , 2002, 5, 380-383.	3.9	54
116	Synthesis, structure and photophysical properties of a highly luminescent terpyridine-diphenylacetylene hybrid fluorophore and its metal complexes. <i>Dalton Transactions</i> , 2015, 44, 254-267.	3.3	54
117	Stepwise Construction of Heterobimetallic Cages by an Extended Molecular Library Approach. <i>Inorganic Chemistry</i> , 2018, 57, 3507-3515.	4.0	54
118	Strong $N \cdots O \cdots N$ Halogen Bonds: A Comprehensive Study on N -Halosaccharin Pyridine $\cdots N$ Oxide Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18610-18618.	13.8	54
119	Resorcarenes in the Boat Conformation as Building Blocks for Hydrogen-Bonded Assemblies Including Two Ammonium Cations. <i>Chemistry - A European Journal</i> , 2001, 7, 1944-1951.	3.3	53
120	Very Large Container Molecules. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3652-3654.	13.8	53
121	C-Methyl resorcin[4]arene packing motifs with alkyl ammonium salts: From molecular capsules to channels and tubes. <i>CrystEngComm</i> , 2005, 7, 519.	2.6	53
122	Carbon's Three-Center, Four-Electron Tetrel Bond, Treated Experimentally. <i>Journal of the American Chemical Society</i> , 2018, 140, 17571-17579.	13.7	53
123	Structural Studies of Self-Folding Cavitands. <i>Helvetica Chimica Acta</i> , 2000, 83, 1778-1790.	1.6	52
124	Synthesis, reactions and structural features of monofluorinated cyclopropanecarboxylates. <i>Journal of Fluorine Chemistry</i> , 2002, 114, 189-198.	1.7	52
125	Generation of [2+2] Grid Metallosupramolecular Architectures from Preformed Ditopic Bis(acylhydrazone) Ligands and through Component Self-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2944-2965.	2.0	52
126	A highly selective, Hg^{2+} triggered hydrogelation: modulation of morphology by chemical stimuli. <i>Chemical Communications</i> , 2014, 50, 734-736.	4.1	52

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127	Solvent induced single-crystal to single-crystal structural transformation and concomitant transmetalation in a 3D cationic Zn(<i>scp</i>)-framework. <i>Chemical Communications</i> , 2015, 51, 3173-3176.	4.1	52
128	Synthesis and Characterisation of Chiral Triazole-Based Halogen Bond Donors: Halogen Bonds in the Solid State and in Solution. <i>Chemistry - A European Journal</i> , 2017, 23, 7337-7344.	3.3	52
129	Hierarchical halogen bonding induces polymorphism. <i>CrystEngComm</i> , 2009, 11, 750.	2.6	51
130	Synthesis of <i>trans</i> -disubstituted-2,3-dihydrobenzofurans by a formal [4 + 1] annulation between <i>para</i> -quinone methides and sulfonium salts. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1348-1351.	4.5	51
131	Hydrogen-Bonding Effects in Calix[4]arene Capsules. <i>Chemistry - A European Journal</i> , 2000, 6, 3788-3796.	3.3	50
132	2,2',6',2'-Terpyridine Trimethylplatinum(IV) Iodide Complexes as Bifunctional Halogen Bond Acceptors. <i>Crystal Growth and Design</i> , 2016, 16, 2527-2534.	3.0	50
133	Efficient stabilisation of a dihydrogenphosphate tetramer and a dihydrogenpyrophosphate dimer by a cyclic pseudopeptide containing 1,4-disubstituted 1,2,3-triazole moieties. <i>Chemical Science</i> , 2017, 8, 6005-6013.	7.4	50
134	Enantioselective Total Syntheses of (+)-Hippolachnin A, (+)-Gracilioether A, ($\hat{\alpha}$)-Gracilioether E, and ($\hat{\alpha}$)-Gracilioether F. <i>Journal of the American Chemical Society</i> , 2018, 140, 1937-1944.	13.7	50
135	Control of N-Heterocyclic Carbene Catalyzed Reactions of Enals: Asymmetric Synthesis of Oxindole- β -Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 300-304.	13.8	50
136	Dendritic Pyridine-Functionalized Polyesters and Their Polycationic Hydrogen Bonded Picrates: Synthesis and X-ray Structural Study of Weak Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2003, 3, 339-353.	3.0	49
137	Sterically and Guest-Controlled Self-Assembly of Calix[4]arene Derivatives. <i>Chemistry - A European Journal</i> , 2004, 10, 2138-2148.	3.3	49
138	Potentiometric sensors based on poly(3,4-ethylenedioxythiophene) (PEDOT) doped with sulfonated calix[4]arene and calix[4]resorcarenes. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 312-319.	2.5	49
139	Halogen Bonding-Based "Catch and Release" Reversible Solid-State Entrapment of Elemental Iodine with Monoalkylated DABCO Salts. <i>Crystal Growth and Design</i> , 2012, 12, 4157-4169.	3.0	49
140	A Double Calix[4]arene in a 1,3-alternate Conformation. <i>Angewandte Chemie International Edition in English</i> , 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),) <i>Tj ETQq1 1 0.784314 rgBT /Overlook</i> <i>Polyhedron</i> , 2004, 23, 3007-3019.	2.2	48
142	Solvent Exchange in Thermally Stable Resorcinarene Nanotubes. <i>Chemistry - A European Journal</i> , 2006, 12, 4289-4296.	3.3	48
143	Self-Organization of 2-Acylaminopyridines in the Solid State and in Solution. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10421-10426.	2.5	48
144	Halogen bonding drives the self-assembly of piperazine cyclophanes into tubular structures. <i>Chemical Communications</i> , 2009, , 2160.	4.1	47

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145	Superchiral Pd ₃ L ₆ Coordination Complex and Its Reversible Structural Conversion into Pd ₃ L ₃ Cl ₆ Metallocycles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15462-15467.	13.8	47
146	Surprising solvent-induced structural rearrangements in large [N ⁺ ⋯N ⁻] halogen-bonded supramolecular capsules: an ion mobility-mass spectrometry study. <i>Chemical Science</i> , 2018, 9, 8343-8351.	7.4	47
147	Amide-based furano-catenanes: regioselective template synthesis and crystal structure. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 777-778.	2.0	46
148	Ti(IV)-amino triphenolate complexes as effective catalysts for sulfoxidation. <i>Dalton Transactions</i> , 2010, 39, 7384.	3.3	46
149	Ion-Pair Recognition of Tetramethylammonium Salts by Halogenated Resorcinarenes. <i>Chemistry - A European Journal</i> , 2012, 18, 5552-5557.	3.3	46
150	The pentafluorophenyl group as σ -acceptor for anions: a case study. <i>Chemical Science</i> , 2015, 6, 354-359.	7.4	46
151	Asymmetric Synthesis of Spirobenzazepinones with Atroposelectivity and Spiro-1,2-Diazepinones by NHC-Catalyzed [3+4] Annulation Reactions. <i>Angewandte Chemie</i> , 2016, 128, 11276-11280.	2.0	46
152	Chiroptical inversion of a planar chiral redox-switchable rotaxane. <i>Chemical Science</i> , 2019, 10, 10003-10009.	7.4	46
153	Self-Assembly, Characterisation, and Crystal Structure of Multinuclear Metal Complexes of the [2-3] and [3-3] Grid-Type. <i>Chemistry - A European Journal</i> , 2002, 8, 3458.	3.3	45
154	Four-, Five- and Six-Coordinated ZnII Complexes of OH-Containing Ligands: Syntheses, Structure and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2207-2215.	2.0	45
155	Uranyl-salophen based ditopic receptors for the recognition of quaternary ammonium halides. <i>Chemical Communications</i> , 2003, , 2420.	4.1	45
156	The subtle balance of weak supramolecular interactions: The hierarchy of halogen and hydrogen bonds in haloanilinium and halopyridinium salts. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 4.	2.2	45
157	Transition metal ion induced hydrogelation by amino-terpyridine ligands. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8836-8839.	2.8	45
158	Selective Formation of <i>S</i> - and <i>T</i> -Symmetric Supramolecular Tetrahedral Cages and Helicates in Polar Media Assembled via Cooperative Action of Coordination and Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 3658-3670.	13.7	45
159	High-affinity and selective detection of pyrophosphate in water by a resorcinarene salt receptor. <i>Chemical Science</i> , 2018, 9, 1358-1367.	7.4	44
160	Halogen bonded analogues of deep cavity cavitands. <i>Chemical Communications</i> , 2014, 50, 1959-1961.	4.1	43
161	Coordination-Induced Spin-State Switching with Nickel Chlorin and Nickel Isobacteriochlorin. <i>Inorganic Chemistry</i> , 2015, 54, 9390-9392.	4.0	43
162	Organocatalytic Domino Oxa-Michael/1,6-Addition Reactions: Asymmetric Synthesis of Chromans Bearing Oxindole Scaffolds. <i>Angewandte Chemie</i> , 2016, 128, 12283-12287.	2.0	43

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163	Cyclic [2]Pseudorotaxane Tetramers Consisting of Two Rigid Rods Threaded through Two Bis-Macrocycles: Copper(I)-Templated Synthesis and X-ray Structure Studies. <i>Journal of the American Chemical Society</i> , 2008, 130, 11013-11022.	13.7	42
164	Structural and metallo selectivity in the assembly of [2 Å– 2] grid-type metallocsupramolecular species: Mechanisms and kinetic control. <i>Dalton Transactions</i> , 2011, 40, 12320.	3.3	42
165	Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acids: Crystal structure of the bis(S-benzyl-thiosalicylate)â€“palladium(II) complex, [Pd(S-bz-thiosal)2]. <i>Polyhedron</i> , 2012, 31, 69-76.	2.2	42
166	A coumarin based gold(â€“)-alkynyl complex: a new class of supramolecular hydrogelators. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2026-2033.	2.8	42
167	Chasing Weak Forces: Hierarchically Assembled Helicates as a Probe for the Evaluation of the Energetics of Weak Interactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 16959-16966.	13.7	42
168	A supramolecular system that strictly follows the binding mechanism of conformational selection. <i>Nature Communications</i> , 2020, 11, 2740.	12.8	42
169	Covalently linked multi-calixarenes. <i>Tetrahedron</i> , 1998, 54, 10053-10068.	1.9	41
170	Specific recognition of fluoride anion using a metallamacrocycle incorporating a uranyl-salen unit. <i>New Journal of Chemistry</i> , 2008, 32, 1113.	2.8	41
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