

Acad Prof Kari Rissanen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

775
papers

24,950
citations

68
h-index

122
g-index

894
ext. papers

27,381
ext. citations

5.7
avg, IF

7.32
L-index

#	Paper	IF	Citations
775	Definition of the halogen bond (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013 , 85, 1711-1713	2.1	1259
774	White phosphorus is air-stable within a self-assembled tetrahedral capsule. <i>Science</i> , 2009 , 324, 1697-9	33.3	851
773	X-ray analysis on the nanogram to microgram scale using porous complexes. <i>Nature</i> , 2013 , 495, 461-6	50.4	593
772	Self-assembly of Janus dendrimers into uniform dendrimersomes and other complex architectures. <i>Science</i> , 2010 , 328, 1009-14	33.3	589
771	Recognition and sensing of fluoride anion. <i>Chemical Communications</i> , 2009 , 2809-29	5.8	570
770	Halogen bonded supramolecular complexes and networks. <i>CrystEngComm</i> , 2008 , 10, 1107	3.3	372
769	A synthetic molecular pentafoil knot. <i>Nature Chemistry</i> , 2011 , 4, 15-20	17.6	328
768	Spin Crossover in a Supramolecular Fe ⁴ II [20] Grid Triggered by Temperature, Pressure, and Light. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2504-2507	16.4	294
767	A self-assembled M8L6 cubic cage that selectively encapsulates large aromatic guests. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3479-83	16.4	293
766	An unlockable-relockable iron cage by subcomponent self-assembly. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8297-301	16.4	280
765	Nonporous organic solids capable of dynamically resolving mixtures of diiodoperfluoroalkanes. <i>Science</i> , 2009 , 323, 1461-4	33.3	251
764	Highlights on contemporary recognition and sensing of fluoride anion in solution and in the solid state. <i>Chemical Society Reviews</i> , 2013 , 42, 2016-38	58.5	232
763	Anion-Interactions with Fluoroarenes. <i>Chemical Reviews</i> , 2015 , 115, 8867-95	68.1	206
762	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, 5543-6	16.4	198
761	Red and blue luminescent metallo-supramolecular coordination polymers assembled through π interactions. <i>Dalton Transactions RSC</i> , 2000 , 1447-1462		194
760	Alternative Motifs for Halogen Bonding. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1617-1637	3.2	187
759	Organocatalytic Domino Oxa-Michael/1,6-Addition Reactions: Asymmetric Synthesis of Chromans Bearing Oxindole Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12104-8	16.4	183

758	Definition of the chalcogen bond (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2019 , 91, 1889-1892	2.1	183
757	Self-assembly and anion encapsulation properties of cavitand-based coordination cages. <i>Journal of the American Chemical Society</i> , 2001 , 123, 7539-52	16.4	182
756	Experimental investigation of anion-π interactions--applications and biochemical relevance. <i>Chemical Communications</i> , 2016 , 52, 1778-95	5.8	173
755	Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to β-Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6852-6	16.4	165
754	Breathing molecular crystals: halogen- and hydrogen-bonded porous molecular crystals with solvent induced adaptation of the nanosized channels. <i>Chemical Science</i> , 2012 , 3, 1235	9.4	144
753	Recognition of alkali metal halide contact ion pairs by uranyl-salophen receptors bearing aromatic sidearms. The role of cation-π interactions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3831-7	16.4	136
752	Noncovalent Assembly of Functional Groups on Calix[4]Arene Molecular Boxes. <i>Chemistry - A European Journal</i> , 1997 , 3, 1823-1832	4.8	134
751	Pyrene-derived novel one- and two-component organogelators. <i>Chemistry - A European Journal</i> , 2003 , 9, 1922-32	4.8	133
750	Elucidation of the chiral recognition mechanism of cinchona alkaloid carbamate-type receptors for 3,5-dinitrobenzoyl amino acids. <i>Journal of the American Chemical Society</i> , 2002 , 124, 8611-29	16.4	128
749	Au ₂₅ (SET) a nearly naked thiolate-protected Au ₂₅ cluster: structural analysis by single crystal X-ray crystallography and electron nuclear double resonance. <i>ACS Nano</i> , 2014 , 8, 3904-12	16.7	125
748	Gold nanowired: a linear (Au ₂₅) _n polymer from Au ₂₅ molecular clusters. <i>ACS Nano</i> , 2014 , 8, 8505-12	16.7	122
747	Anion binding to resorcinarene-based cavitands: the importance of C-H...anion interactions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 788-92	16.4	121
746	Asymmetric Synthesis of Spirobenzazepinones with Atroposelectivity and Spiro-1,2-Diazepinones by NHC-Catalyzed [3+4] Annulation Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11110-4	16.4	120
745	Self-assembly of M ₂₄ L ₄₈ polyhedra based on empirical prediction. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3161-3	16.4	115
744	Noncovalent π-π-stacked exo-functional nanotubes: subtle control of resorcinarene self-assembly. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1243-6	16.4	112
743	Pentameric circular iron(II) double helicates and a molecular pentafoil knot. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9488-97	16.4	111
742	Metallo-supramolecular self-assembly: the case of triangle-square equilibria. <i>Inorganic Chemistry</i> , 2008 , 47, 7588-98	5.1	110
741	Flying capsules: mass spectrometric detection of pyrogallarene and resorcinarene hexamers. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5214-8	16.4	107

740	Durch Temperatur, Druck oder Licht induzierter Spinübergang in einer supramolekularen Fe-[20]-Gitterverbindung. <i>Angewandte Chemie</i> , 2000 , 112, 2563-2566	3.6	103
739	An Unlockable/Lockable Iron Cage by Subcomponent Self-Assembly. <i>Angewandte Chemie</i> , 2008 , 120, 8421-8425	3.6	102
738	Chelate cooperativity and spacer length effects on the assembly thermodynamics and kinetics of divalent pseudorotaxanes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1860-8	16.4	98
737	Self-assembling resorcinarene capsules: solid and gas phase studies on encapsulation of small alkyl ammonium cations. <i>New Journal of Chemistry</i> , 2003 , 27, 88-97	3.6	97
736	Ion pair recognition of quaternary ammonium and iminium salts by uranyl-salophen compounds in solution and in the solid state. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3641-8	16.4	94
735	A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests. <i>Angewandte Chemie</i> , 2011 , 123, 3541-3545	3.6	92
734	Generation of an equilibrating collection of circular inorganic copper(i) architectures and solid-state stabilisation of the dicopperhelicite component. <i>Chemical Communications</i> , 1997 , 1323-1324	5.8	92
733	Halogen bonding—a key step in charge recombination of the dye-sensitized solar cell. <i>Chemical Communications</i> , 2011 , 47, 4499-501	5.8	91
732	Induced-fit molecular recognition with water-soluble cavitands. <i>Chemistry - A European Journal</i> , 2000 , 6, 3797-805	4.8	91
731	Dimensional encapsulation of I(-)...I(2)...I(-) in an organic salt crystal matrix. <i>Chemical Communications</i> , 2010 , 46, 2724-6	5.8	87
730	Structural Changes of Cellulose Crystallites Induced by Mercerisation in Different Solvent Systems; Determined by Powder X-ray Diffraction Method. <i>Cellulose</i> , 2005 , 12, 233-242	5.5	87
729	Enantiomerically pure [M(6)L(12)] or [M(12)L(24)] polyhedra from flexible bis(pyridine) ligands. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1693-8	16.4	86
728	Zinc/salophen complexes as selective receptors for tertiary amines. <i>New Journal of Chemistry</i> , 2007 , 31, 1633	3.6	84
727	Neutral Organometallic Halogen Bond Acceptors: Halogen Bonding in Complexes of PCPPdX (X = Cl, Br, I) with Iodine (I(2)), 1,4-Diiodotetrafluorobenzene (F4DIBz), and 1,4-Diiodooctafluorobutane (F8DIBu). <i>Crystal Growth and Design</i> , 2012 , 12, 362-368	3.5	82
726	Interaction between amines and N-haloimides: a new motif for unprecedentedly short Br...N and I...N halogen bonds. <i>CrystEngComm</i> , 2011 , 13, 6972	3.3	81
725	Systematic Construction of Ternary Cocrystals by Orthogonal and Robust Hydrogen and Halogen Bonds. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6610-6	16.4	80
724	[N...I...N] Halogen-Bonded Dimeric Capsules from Tetrakis(3-pyridyl)ethylene Cavitands. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14033-14036	16.4	79
723	Metal Doping of Au(SR) Clusters: Insights and Hindsight. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16033-16045	16.4	76

722	Counterion influence on the N-I-N halogen bond. <i>Chemical Science</i> , 2015 , 6, 3746-3756	9.4	76
721	Switchable Access to Different Spirocyclopentane Oxindoles by N-Heterocyclic Carbene Catalyzed Reactions of Isatin-Derived Enals and N-Sulfonyl Ketimines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8516-8521	16.4	75
720	Crystallography of encapsulated molecules. <i>Chemical Society Reviews</i> , 2017 , 46, 2638-2648	58.5	75
719	Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9625-9	16.4	73
718	Asymmetric Synthesis of Spiro-oxindole- β -lactones through N-Heterocyclic Carbene Catalysis. <i>Organic Letters</i> , 2018 , 20, 3622-3626	6.2	73
717	A Simple Organocatalytic Enantioselective Synthesis of Pregabalin. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1340-1351	3.2	73
716	Repetitive-Synthesis of Bulky Dendrimers [A Reversibly Photoactive Dendrimer with Six Azobenzene Side Chains. <i>Chemische Berichte</i> , 1993 , 126, 1161-1169		73
715	A Halogen-Bonded Dimeric Resorcinarene Capsule. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7303-7	16.4	72
714	Structural versatility of anion- π interactions in halide salts with pentafluorophenyl substituted cations. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4600-1	16.4	72
713	Encapsulation of diquats by resorcinarenes: a novel staggered anion-solvent mediated hydrogen bonded capsule. <i>Chemical Communications</i> , 2002 , 1902-3	5.8	72
712	Encapsulation of Et ₃ N+ \cdot OH ⁻ in a hydrogen-bonded resorcurene capsule. <i>Chemical Communications</i> , 2000 , 1107-1108	5.8	72
711	Anion- π Interactions in salts with polyhalide anions: trapping of I ₄ (²⁻). <i>Chemistry - A European Journal</i> , 2010 , 16, 12446-53	4.8	71
710	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, 6840-50	16.4	70
709	Cooperative assistance in bifunctional organocatalysis: enantioselective Mannich reactions with aliphatic and aromatic imines. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8495-9	16.4	69
708	Weak interactions between resorcinarenes and diquaternary alkyl ammonium cations. <i>New Journal of Chemistry</i> , 2005 , 29, 116-127	3.6	69
707	Encapsulation of xenon by a self-assembled Fe ₄ L ₆ metallosupramolecular cage. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2464-7	16.4	68
706	Self-assembly of rigid-rack multimetallic complexes of rotaxane-type. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 715		68
705	Photoswitchable Catenanes. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1295-1297		68

704	Very strong (-)N-X(+)(-)O-N(+) halogen bonds. <i>Chemical Communications</i> , 2016 , 52, 2338-41	5.8	67
703	CH-directed anion-pi interactions in the crystals of pentafluorobenzyl-substituted ammonium and pyridinium salts. <i>Chemistry - A European Journal</i> , 2010 , 16, 5062-9	4.8	67
702	Substituent Effects on the [N-I-N](+) Halogen Bond. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9853-63	16.4	66
701	A new structural motif for an enantiomerically pure metallocsupramolecular Pd ^{II} aggregate by anion templating. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3739-42	16.4	66
700	Size-selective encapsulation of hydrophobic guests by self-assembled M4L6 cobalt and nickel cages. <i>Chemistry - A European Journal</i> , 2013 , 19, 3374-82	4.8	66
699	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, 4132-9	4.8	66
698	A New Macrocyclic Tris-bipyridine Ligand and Its Cu and Ag Complexes. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 1331-1333		65
697	Selective derivatisation of resorcarenes: 1. The regioselective formation of tetra-benzoxazine derivatives. <i>Tetrahedron</i> , 1997 , 53, 10709-10724	2.4	64
696	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	3.1	64
695	Two-Level Self-Organisation of Arrays of [2 ₂] Grid-Type Tetranuclear Metal Complexes by Hydrogen Bonding. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1515-1521	2.3	64
694	N-Heterocyclic Carbene Catalyzed [4+2] Annulation of Enals via a Double Vinylogous Michael Addition: Asymmetric Synthesis of 3,5-Diaryl Cyclohexenones. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6241-6245	16.4	62
693	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	4.8	62
692	Asymmetric synthesis of 3,3'-pyrrolidinyl-dispirooxindoles via a one-pot organocatalytic Mannich/deprotection/aza-Michael sequence. <i>Chemical Communications</i> , 2016 , 52, 2249-52	5.8	61
691	X-ray snapshot observation of palladium-mediated aromatic bromination in a porous complex. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6892-5	16.4	61
690	Design and synthesis of the first triply twisted Möbius annulene. <i>Nature Chemistry</i> , 2014 , 6, 608-13	17.6	60
689	An Octanuclear Metallocsupramolecular Cage Designed To Exhibit Spin-Crossover Behavior. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4930-4935	16.4	59
688	Multicomponent Self-Assembly: Generation of Rigid-Rack Multimetallic Pseudorotaxanes. <i>Inorganic Chemistry</i> , 1997 , 36, 4734-4742	5.1	59
687	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	3.2	59

686	Direct high-performance liquid chromatographic separation of peptide enantiomers: 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, 5658-66	7.8	59
685	Nano-sized I12L6 Molecular Capsules Based on the [N??I+??N] Halogen Bond. <i>Chem</i> , 2017 , 3, 861-869	16.2	58
684	Dynamic formation of hybrid peptidic capsules by chiral self-sorting and self-assembly. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13760-4	16.4	58
683	The conversion from cellulose I to cellulose II in NaOH mercerization performed in alcohol/water systems: An X-ray powder diffraction study. <i>Carbohydrate Polymers</i> , 2007 , 68, 35-43	10.3	58
682	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- β -D-glucopyranosylamine. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2773	2.3	58
681	Synthesis of a tetradentate piperazine ligand and a structural study of its coordination compounds. <i>Polyhedron</i> , 1999 , 18, 2265-2273	2.7	58
680	New chiral cyclohexylhemicucurbit[6]uril. <i>Organic Letters</i> , 2013 , 15, 3786-9	6.2	57
679	Cooperativity of H-bonding and anion- π interaction in the binding of anions with neutral π acceptors. <i>Chemical Communications</i> , 2012 , 48, 9983-5	5.8	56
678	Ligand entrapment in twofold interpenetrating PtS matrixes by metallo-organic frameworks. <i>Inorganic Chemistry</i> , 2003 , 42, 5126-34	5.1	56
677	Mixed-valence, mixed-spin-state, and heterometallic [2x2] grid-type arrays based on heteroditopic hydrazone ligands: synthesis and electrochemical features. <i>Chemistry - A European Journal</i> , 2005 , 11, 2549-65	4.8	56
676	Asymmetric Synthesis of Spirocyclic β -Lactams through Copper-Catalyzed Kinugasa/Michael Domino Reactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10985-10988	16.4	56
675	Enantiomerically pure trinuclear helicates via diastereoselective self-assembly and characterization of their redox chemistry. <i>Journal of the American Chemical Society</i> , 2014 , 136, 11830-8	16.4	55
674	Concave Hydrocarbons. <i>Chemistry - A European Journal</i> , 1996 , 2, 1585-1595	4.8	54
673	Bisfunctionalized Janus molecules. <i>Organic Letters</i> , 2004 , 6, 2495-7	6.2	53
672	Ion mobility/mass spectrometry of supramolecular complexes and assemblies. <i>Nature Reviews Chemistry</i> , 2019 , 3, 4-14	34.6	53
671	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	16.4	52
670	Luminescent alkynyl-gold(I) coumarin derivatives and their biological activity. <i>Dalton Transactions</i> , 2014 , 43, 4426-36	4.3	52
669	[4]Pseudorotaxanes with remarkable self-sorting selectivities. <i>Organic Letters</i> , 2011 , 13, 4502-5	6.2	52

668	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		52
667	Synthesis, structural diversity, inter-conversion and reactivity of Cu(II) complexes of hydroxy-rich molecules. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 380-383	3.1	52
666	Solvent induced single-crystal to single-crystal structural transformation and concomitant transmetalation in a 3D cationic Zn(II)-framework. <i>Chemical Communications</i> , 2015 , 51, 3173-6	5.8	50
665	Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to β -Cyclodextrin. <i>Angewandte Chemie</i> , 2015 , 127, 6956-6960	3.6	50
664	C-Methyl resorcin[4]arene packing motifs with alkyl ammonium salts: From molecular capsules to channels and tubes. <i>CrystEngComm</i> , 2005 , 7, 519	3.3	50
663	Very large container molecules. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3652-4	16.4	50
662	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	3.5	49
661	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	16.4	48
660	Generation of [20] 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	2.3	48
659	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), fumarate (fum)) and conformationally flexible 1,4-bis(imidazole-1-yl-methylene)benzene (IX). <i>Polyhedron</i> , 2004 , 23, 3007-3019	2.7	48
658	Resorcarenes in the boat conformation as building blocks for hydrogen-bonded assemblies including two ammonium cations. <i>Chemistry - A European Journal</i> , 2001 , 7, 1944-51	4.8	48
657	Asymmetric Synthesis of Amino-Bis-Pyrazolone Derivatives via an Organocatalytic Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7050-7058	4.2	47
656	Halogen bonds with coordinative nature: halogen bonding in a S ₄ S ₂ iodonium complex. <i>CrystEngComm</i> , 2015 , 17, 1231-1236	3.3	47
655	Directional Shuttling of a Stimuli-Responsive Cone-Like Macrocyclic on a Single-State Symmetric Dumbbell Axle. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7809-7814	16.4	47
654	Structural Studies of Self-Folding Cavitands. <i>Helvetica Chimica Acta</i> , 2000 , 83, 1778-1790	2	47
653	Hierarchical halogen bonding induces polymorphism. <i>CrystEngComm</i> , 2009 , 11, 750	3.3	46
652	Solvent exchange in thermally stable resorcinarene nanotubes. <i>Chemistry - A European Journal</i> , 2006 , 12, 4289-96	4.8	46
651	Sterically and guest-controlled self-assembly of calix[4]arene derivatives. <i>Chemistry - A European Journal</i> , 2004 , 10, 2138-48	4.8	46

650	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, 5123-7	4.8	46
649	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	4.8	45
648	Self-organization of 2-acylaminopyridines in the solid state and in solution. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 10421-6	2.8	45
647	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 ⁶	3.6	45
646	A Double Calix[4]arene in a 1,3-alternate Conformation. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1009-1011		45
645	Synthesis, structure and photophysical properties of a highly luminescent terpyridine-diphenylacetylene hybrid fluorophore and its metal complexes. <i>Dalton Transactions</i> , 2015 , 44, 254-67	4.3	44
644	The pentafluorophenyl group as acceptor for anions: a case study. <i>Chemical Science</i> , 2015 , 6, 354-359	9.4	44
643	Synthesis of trans-disubstituted-2,3-dihydrobenzofurans by a formal [4 + 1] annulation between para-quinone methides and sulfonium salts. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1348-1351	5.2	44
642	A highly selective, Hg ²⁺ triggered hydrogelation: modulation of morphology by chemical stimuli. <i>Chemical Communications</i> , 2014 , 50, 734-6	5.8	44
641	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	2.3	44
640	Synthesis, reactions and structural features of monofluorinated cyclopropanecarboxylates. <i>Journal of Fluorine Chemistry</i> , 2002 , 114, 189-198	2.1	44
639	Halogen bonded analogues of deep cavity cavitands. <i>Chemical Communications</i> , 2014 , 50, 1959-61	5.8	43
638	Uranyl-salophen based ditopic receptors for the recognition of quaternary ammonium halides. <i>Chemical Communications</i> , 2003 , 2420-1	5.8	43
637	Hydrogen-bonding effects in calix. <i>Chemistry - A European Journal</i> , 2000 , 6, 3788-96	4.8	43
636	Stepwise Construction of Heterobimetallic Cages by an Extended Molecular Library Approach. <i>Inorganic Chemistry</i> , 2018 , 57, 3507-3515	5.1	43
635	Achieving Strong Positive Cooperativity through Activating Weak Non-Covalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 709-713	16.4	43
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