Ingo Krossing

List of Publications by Year
in descending order

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367 papers	16,357 citations	16411 64 h-index	25716 108 g-index
429 all docs	429 docs citations	429 times ranked	9346 citing authors

#	Article	IF	Citations
1	Noncoordinating Anionsâ€"Fact or Fiction? A Survey of Likely Candidates. Angewandte Chemie - International Edition, 2004, 43, 2066-2090.	7.2	1,003
2	Why Are Ionic Liquids Liquid? A Simple Explanation Based on Lattice and Solvation Energies. Journal of the American Chemical Society, 2006, 128, 13427-13434.	6.6	537
3	The Facile Preparation of Weakly Coordinating Anions: Structure and Characterisation of Silverpolyfluoroalkoxyaluminates AgAl(ORF)4, Calculation of the Alkoxide Ion Affinity. Chemistry - A European Journal, 2001, 7, 490-502.	1.7	451
4	Dielectric Response of Imidazolium-Based Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2006, 110, 12682-12688.	1.2	294
5	Taming the Cationic Beast: Novel Developments in the Synthesis and Application of Weakly Coordinating Anions. Angewandte Chemie - International Edition, 2018, 57, 13982-14024.	7.2	287
6	Reactive p-block cations stabilized by weakly coordinating anions. Chemical Society Reviews, 2016, 45, 789-899.	18.7	251
7	How to Predict the Physical Properties of Ionic Liquids: A Volume-Based Approach. Angewandte Chemie - International Edition, 2007, 46, 5384-5388.	7.2	232
8	Chemistry with weakly-coordinating fluorinated alkoxyaluminate anions: Gas phase cations in condensed phases?. Coordination Chemistry Reviews, 2006, 250, 2721-2744.	9.5	210
9	Dative Bonds in Mainâ€Group Compounds: A Case for Fewer Arrows!. Angewandte Chemie - International Edition, 2014, 53, 370-374.	7.2	210
10	Simple Access to the Nonâ€Oxidizing Lewis Superacid PhFâ†'Al(OR^F)₃ (R^F=C(CF₃)₃). Angewandte Chemie - International Edition, 2008, 47, 7659-7663.	7.2	189
11	The Dielectric Response of Room-Temperature Ionic Liquids:Â Effect of Cation Variationâ€. Journal of Physical Chemistry B, 2007, 111, 4775-4780.	1.2	188
12	From unsuccessful H₂-activation with FLPs containing B(Ohfip)₃ to a systematic evaluation of the Lewis acidity of 33 Lewis acids based on fluoride, chloride, hydride and methyl ion affinities. Dalton Transactions, 2015, 44, 7489-7499.	1.6	181
13	Making Sense of Enthalpy of Vaporization Trends for Ionic Liquids: New Experimental and Simulation Data Show a Simple Linear Relationship and Help Reconcile Previous Data. Journal of Physical Chemistry B, 2013, 117, 6473-6486.	1.2	158
14	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. Helvetica Chimica Acta, 2009, 92, 1225-1259.	1.0	157
15	Recent advances in the understanding of the syntheses, structures, bonding and energetics of the homopolyatomic cations of Groups 16 and 17. Coordination Chemistry Reviews, 2000, 197, 397-481.	9.5	150
16	Relative Stabilities of Weakly Coordinating Anions: A Computational Study. Chemistry - A European Journal, 2004, 10, 5017-5030.	1.7	146
17	DSR: enhanced modelling and refinement of disordered structures with SHELXL. Journal of Applied Crystallography, 2015, 48, 933-938.	1.9	141
18	A Unified pH Scale for All Phases. Angewandte Chemie - International Edition, 2010, 49, 6885-6888.	7.2	138

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19	Dative or Not Dative?. Angewandte Chemie - International Edition, 2014, 53, 6047-6048.	7.2	135
20	Ag(P4)2+:Â The First Homoleptic Metalâ˜Phosphorus Cation. Journal of the American Chemical Society, 2001, 123, 4603-4604.	6.6	129
21	Donorfreie und donorhaltige supersilylalkalimetalle tBu3SiM1: Synthesen, charakterisierung, strukturen. Journal of Organometallic Chemistry, 1997, 542, 1-18.	0.8	118
22	PX4+, P2X5+, and P5X2+ (X=Br, I) Salts of the Superweak Al(OR)4 Anion [R=C(CF3)3]. Chemistry - A European Journal, 2002, 8, 4475-4492.	1.7	116
23	In Silico Prediction of Molecular Volumes, Heat Capacities, and Temperature-Dependent Densities of Ionic Liquids. Industrial & Engineering Chemistry Research, 2009, 48, 2290-2296.	1.8	115
24	A Stable Salt of the Tris(ethene)silver Cation: Structure and Characterization of[Ag(Î·2-C2H4)3]+[Al{OC(CF3)3}4]â˜. Angewandte Chemie - International Edition, 2003, 42, 5725-5728.	7.2	114
25	Superweak Complexes of Tetrahedral P4 Molecules with the Silver Cation of Weakly Coordinating Anions. Chemistry - A European Journal, 2002, 8, 700-711.	1.7	113
26	Ionic liquid-mediated technology to produce cellulose nanocrystals directly from wood. Carbohydrate Polymers, 2015, 134, 609-616.	5.1	113
27	From Weakly Coordinating to Non-Coordinating Anions? A Simple Preparation of the Silver Salt of the Least Coordinating Anion and Its Application To Determine the Ground State Structure of the Ag(Î·2-P4)2+ Cation. Chemistry - A European Journal, 2004, 10, 5041-5051.	1.7	112
28	New reagents to introduce weakly coordinating anions of type Al(ORF)4â˜: synthesis, structure and characterization of Cs and trityl salts. Journal of Fluorine Chemistry, 2001, 112, 83-90.	0.9	110
29	Inhibiting Polysulfide Shuttle in Lithiumâ€“Sulfur Batteries through Lowâ€Ionâ€Pairing Salts and a Triflamide Solvent. Angewandte Chemie - International Edition, 2017, 56, 6192-6197.	7.2	109
30	Crystal Structure Determination of the Nonclassical 2-Norbornyl Cation. Science, 2013, 341, 62-64.	6.0	108
31	[Au3Ge45]9â˜â€"A Binary Anion Containing a {Ge45} Cluster. Angewandte Chemie - International Edition, 2007, 46, 5310-5313.	7.2	106
32	P5X2+ (X=Br, I), a Phosphorus-Rich Binary Pâ˜X Cation with a C2v-Symmetric P5 Cage This work was supported by the Deutsche Forschungsgemeinschaft and the Fonds der Chemischen Industrie. We thank Prof. H. SchnÃ¶ckel for valuable discussions.. Angewandte Chemie - International Edition, 2001, 40, 4406.	7.2	105
33	Weak Arene Stabilization of Bulky Amidoâ€Germanium(II) and Tin(II) Monocations. Angewandte Chemie - International Edition, 2012, 51, 9557-9561.	7.2	105
34	Reversible Formation of Polymeric Chains by Coordination of Pentaphosphaferrocene with Silver(I) Cations. Angewandte Chemie - International Edition, 2006, 45, 5689-5693.	7.2	104
35	A Simple Route to Univalent Gallium Salts of Weakly Coordinating Anions. Angewandte Chemie - International Edition, 2010, 49, 3228-3231.	7.2	102
36	[Si(SiMe3)3]6Ge18M (M = Cu, Ag, Au): metalloid cluster compounds as unusual building blocks for a supramolecular chemistry. Dalton Transactions, 2008, , 4436.	1.6	101

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37	Supramolecular Bidentate Ligands by Metalâ€Directed in situ Formation of Antiparallel Î²â€Sheet Structures and Application in Asymmetric Catalysis. Chemistry - A European Journal, 2008, 14, 4488-4502.	1.7	98
38	Die SchÃ¶ne (WCA) und das (kationische) Biest: Neues aus der Chemie von und mit schwach koordinierenden Anionen. Angewandte Chemie, 2018, 130, 14178-14221.	1.6	95
39	Approaching the Gas-Phase Structures of [AgS8]+ and [AgS16]+ in the Solid State. Chemistry - A European Journal, 2002, 8, 3386-3401.	1.7	92
40	Tetraalkylammonium Salts of Weakly Coordinating Aluminates: Ionic Liquids, Materials for Electrochemical Applications and Useful Compounds for Anion Investigation. Chemistry - A European Journal, 2009, 15, 1966-1976.	1.7	92
41	In Silico Prediction of the Melting Points of Ionic Liquids from Thermodynamic Considerations: A Case Study on 67 Salts with a Melting Point Range of 337 Â°C. Journal of Physical Chemistry B, 2010, 114, 11133-11140.	1.2	92
42	Homoleptic Silver(I) Acetylene Complexes. Angewandte Chemie - International Edition, 2007, 46, 8295-8298.	7.2	89
43	Homoleptic Cuâ€“phosphorus and Cuâ€“ethene complexes. Chemical Communications, 2007, , 5046.	2.2	87
44	Temperature Dependence of the Viscosity and Conductivity of Mildly Functionalized and Nonâ€Functionalized [Tf₂N]^{â^’} Ionic Liquids. ChemPhysChem, 2011, 12, 2296-2310.	1.0	85
45	Stoichiometric Reduction of CO₂ to CO by Phosphine/AlX₃-Based Frustrated Lewis Pairs. Organometallics, 2013, 32, 4416-4422.	1.1	83
46	Inhibiting Polysulfide Shuttle in Lithiumâ€“Sulfur Batteries through Lowâ€Ionâ€Pairing Salts and a Triflamide Solvent. Angewandte Chemie, 2017, 129, 6288-6293.	1.6	82
47	Reactions of P4 and I2 with Ag[Al(OC(CF3)3)4]: from elusive polyphosphorus cations to subvalent P3I6+ and phosphorus rich P5I2+. Dalton Transactions RSC, 2002, , 500.	2.3	80
48	Hydrodefluorination of non-activated Câ€“F bonds by diisobutyl-aluminiumhydride via the aluminium cation [i-Bu2Al]+. Tetrahedron Letters, 2007, 48, 8900-8903.	0.7	79
49	Semi-Empirical Methods to Predict the Physical Properties of Ionic Liquids: An Overview of Recent Developments. Zeitschrift Fur Physikalische Chemie, 2006, 220, 1343-1359.	1.4	77
50	Univalent Gallium Salts of Weakly Coordinating Anions: Effective Initiators/Catalysts for the Synthesis of Highly Reactive Polyisobutylene. Organometallics, 2013, 32, 6725-6735.	1.1	77
51	Unusual Tilted Carbene Coordination in Carbene Complexes of Gallium(I) and Indium(I). Angewandte Chemie - International Edition, 2013, 52, 4941-4944.	7.2	76
52	Bonding, Structure, and Energetics of Gaseous E82+and of Solid E8(AsF6)2(E = S, Se)â€. Inorganic Chemistry, 2000, 39, 5614-5631.	1.9	75
53	Silverâ€“Ethene Complexes [Ag(Î·²â€C₂H₄)_n][Al(OR^F)₄] with n=1, 2, 3 (R^F=Fluorineâ€Substituted Group). Chemistry - A European Journal, 2009, 15, 9505-9520.	1.7	72
54	Synthesis of Roomâ€Temperature Ionic Liquids with the Weakly Coordinating [Al(OR^F)₄]^{â^’} Anion (R^F=C(H)(CF₃)₂) and the Determination of Their Principal Physical Properties. Chemistry - A European Journal, 2010, 16, 13139-13154.	1.7	72

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55	Perfluorinated Alkoxyaluminate Salts of Cationic BrÃ¸nsted Acids: Synthesis, Structure, and Characterization of [H(OEt2)2][Al{OC(CF3)3}4] and[H(THF)2][Al{OC(CF3)3}4]. European Journal of Inorganic Chemistry, 2005, 2005, 1979-1989.	1.0	70
56	An Experimental and Theoretical Study of the Aluminium Species Present in Mixtures of AlCl₃ with the Ionic Liquids [BMP]Tf₂N and [EMIm]Tf₂N. Chemistry - A European Journal, 2009, 15, 3426-3434.	1.7	69
57	Structure and Characterization of CI3[Al{OC(CF3)3}4]; Lewis Acidities of CX3 and BX3. Angewandte Chemie - International Edition, 2003, 42, 1531-1534.	7.2	68
58	In Silico Predictions of the Temperature-Dependent Viscosities and Electrical Conductivities of Functionalized and Nonfunctionalized Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 300-309.	1.2	67
59	Novel photoacid generators for cationic photopolymerization. Polymer Chemistry, 2017, 8, 4414-4421.	1.9	67
60	Is Universal, Simple Melting Point Prediction Possible?. ChemPhysChem, 2011, 12, 2959-2972.	1.0	66
61	Univalent Gallium and Indium Phosphane Complexes: From Pyramidal M(PPh₃)₃⁺ to Carbeneâ€Analogous Bent M(PtBu₃)₂⁺ (M=Ga, In) Complexes. Chemistry - A European Journal, 2012, 18, 10029-10034.	1.7	65
62	The Aluminumâ€“Nitrogen Bond in Monomeric Bis(amino)alanes: A Systematic Experimental Study of Bis(tetramethylpiperidino)alanes and Quantum Mechanical Calculations on the Model System (H2N)2AlY. European Journal of Inorganic Chemistry, 1998, 1998, 1095-1114.	1.0	64
63	[P₉]⁺[Al(OR^F)₄]^{â^'}, the Salt of a Homopolyatomic Phosphorus Cation. Angewandte Chemie - International Edition, 2012, 51, 6529-6531.	7.2	64
64	Free volume in ionic liquids: a connection of experimentally accessible observables from PALS and PVT experiments with the molecular structure from XRD data. Physical Chemistry Chemical Physics, 2013, 15, 8821.	1.3	64
65	Extending the Coordination Chemistry of Molecular P4S3:Â The Polymeric Ag(P4S3)+and Ag(P4S3)2+Cations. Journal of the American Chemical Society, 2002, 124, 7111-7116.	6.6	63
66	Selfâ€Assemblies Based on [Cp₂Mo₂(CO)₄(Î¼,Î·²â€P₂)]â€”Solidâ€State Structure and Dynamic Behaviour in Solution. Chemistry - A European Journal, 2008, 14, 282-295.	1.7	61
67	Twisted pyrene-fused azaacenes. Chemical Communications, 2014, 50, 1976.	2.2	60
68	A unified view to BrÃ¸nsted acidity scales: do we need solvated protons?. Chemical Science, 2017, 8, 6964-6973.	3.7	59
69	Organometallics versus P4Complexes of Group 11 Cations:Â Periodic Trends and Relativistic Effects in the Involvement of (nâ^'1)d,ns, andnp Orbitals in Metalâ^'Ligand Interactions. Organometallics, 2004, 23, 2343-2349.	1.1	58
70	Structural Characterization of a Baseâ€Stabilized [Zn₂]²⁺ Cation. Angewandte Chemie - International Edition, 2009, 48, 5748-5751.	7.2	58
71	Ionic Liquids: Predictions of Physicochemical Properties with Experimental and/or DFT-Calculated LFER Parameters To Understand Molecular Interactions in Solution. Journal of Physical Chemistry B, 2011, 115, 6040-6050.	1.2	58
72	Ab initio study of CO2 hydrogenation mechanisms on inverse ZnO/Cu catalysts. Journal of Catalysis, 2018, 360, 168-174.	3.1	58

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73	Metalâ€“CO Bonding in Mononuclear Transition Metal Carbonyl Complexes. Jacs Au, 2021, 1, 623-645.	3.6	57
74	[7]-Helicene: a chiral molecular tweezer for silver(i) salts. Dalton Transactions, 2012, 41, 8238.	1.6	55
75	Anchor Points for the Unified BrÃ¸nsted Acidity Scale: The rCCC Model for the Calculation of Standard Gibbs Energies of Proton Solvation in Eleven Representative Liquid Media. Chemistry - A European Journal, 2011, 17, 5808-5826.	1.7	54
76	Synthesis, Characterization, and Application of Two Al(OR^F)₃ Lewis Superacids. Chemistry - A European Journal, 2012, 18, 9371-9380.	1.7	54
77	The Influence of the Precipitation/Ageing Temperature on a Cu/ZnO/ZrO₂ Catalyst for Methanol Synthesis from H₂ and CO₂. ChemCatChem, 2014, 6, 1721-1730.	1.8	54
78	Synthesis and Structures of Sodium Phenylhydrazides. Chemische Berichte, 1997, 130, 1053-1062.	0.2	53
79	Recent improvements inDSR. Journal of Applied Crystallography, 2018, 51, 928-934.	1.9	53
80	Facile Access to the Pnictocenium Ions [Cp*ECl]⁺ (E=P, As) and [(Cp*)₂P]⁺: Chloride Ion Affinity of Al(OR^F)₃. Chemistry - A European Journal, 2011, 17, 12975-12980.	1.7	52
81	A Janusâ€Headed Lewis Superacid: Simple Access to, and First Application of Me₃Siâ€Fâ€Al(OR^F)₃. Chemistry - A European Journal, 2014, 20, 1218-1222.	1.7	52
82	Cationic cluster formation versus disproportionation of low-valent indium and gallium complexes of 2,2â€™-bipyridine. Nature Communications, 2015, 6, 8288.	5.8	52
83	Free volume in imidazolium triflimide ([C3MIM][NTf2]) ionic liquid from positron lifetime: Amorphous, crystalline, and liquid states. Journal of Chemical Physics, 2010, 133, 124502.	1.2	51
84	In silicomodelling for predicting the cationic hydrophobicity and cytotoxicity of ionic liquids towards theLeukemiarat cell line,Vibrio fischeriandScenedesmus vacuolatusbased on molecular interaction potentials of ions. SAR and QSAR in Environmental Research, 2013, 24, 863-882.	1.0	51
85	Facile and systematic access to the least-coordinating WCA [(R^FO)₃Alâ€“Fâ€“Al(OR^F)₃]^{â^'} and its more Lewis-basic brother [Fâ€“Al(OR^F)₃]^{â^'} (R^F =) Tj ETQq1 1 0.784314 rgBT /Overloc	3.7	51
86	Cu[Al(OR^F)₄] Starting Materials and their Application in the Preparation of [Cu(S_n)]⁺(n=12, 8) Complexes. Chemistry - A European Journal, 2009, 15, 6663-6677.	1.7	50
87	Univalent Gallium Complexes of Simple and ansaâ€Arene Ligands: Effects on the Polymerization of Isobutylene. Chemistry - A European Journal, 2015, 21, 157-165.	1.7	50
88	Synthesis and Characterization of an Al693-Cluster with 51 Naked Al Atoms:Â Analogies and Differences to the Previously Characterized Al772-Cluster. Inorganic Chemistry, 2001, 40, 4830-4838.	1.9	49
89	A Thallium Coated Dianion: Trigonal Bipyramidal [F2Al(OR)3]2â€” Coordinated to Three Tl+ Cations in the Ion Pair [Tl3F2Al(OR)3]+[Al(OR)4]â€” [R = CH(CF3)2]Dedicated to Professor Dieter Naumann on the Occasion of his 60th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1821.	0.6	48
90	[HMIM][Br9]: a Room-temperature Ionic Liquid Based on a Polybromide Anion. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 1103-1107.	0.3	48

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91	Basic Remarks on Acidity. Angewandte Chemie - International Edition, 2018, 57, 4386-4411.	7.2	48
92	Size Matters! On the Way to Ionic Liquid Systems without Ion Pairing. Chemistry - A European Journal, 2014, 20, 9794-9804.	1.7	47
93	Ionic Liquids with Weakly Coordinating [M^{III}(OR^F)₄]^{â^'} Anions. Accounts of Chemical Research, 2015, 48, 2537-2546.	7.6	47
94	Unified pH Values of Liquid Chromatography Mobile Phases. Analytical Chemistry, 2015, 87, 2623-2630.	3.2	46
95	AgOC(CF3)3:Â Synthesis and Applications of the First Donor-Free Silver(I) Alkoxideâ€. Organometallics, 2007, 26, 2096-2105.	1.1	45
96	Synthesis and X-ray Crystal Structure of (tmp)2Alâ^'Fe(cp)(CO)2:Â An Alanyl-Containing Iron Complex with a Tricoordinated Aluminum Atom. Inorganic Chemistry, 1997, 36, 1979-1981.	1.9	44
97	The Reaction of White Phosphorus with NO⁺/NO₂⁺[Al(OR^F)₄]^{â^'}: The [P₄NO]⁺ Cluster Formed by an Unexpected Nitrosonium Insertion. Angewandte Chemie - International Edition, 2010, 49, 8139-8143.	7.2	44
98	Na[B(hfip)4] (hfip = OC(H)(CF3)2): a weakly coordinating anion salt and its first application to prepare ionic liquids. Dalton Transactions, 2011, 40, 8114.	1.6	44
99	Going Full Circle: Phaseâ€Transition Thermodynamics of Ionic Liquids. Chemistry - A European Journal, 2011, 17, 6508-6517.	1.7	44
100	Synthesis and Nonlinear Optical Properties of Carbonylrhenium Bromide Complexes with Conjugated Pyridines. European Journal of Inorganic Chemistry, 1999, 1999, 483-490.	1.0	43
101	Disodium Tetrasupersilyltetragallanediide Na2Ga4R*4Â·2THF (R* = SitBu3) â^' Preparation of a Novel Gallium Cluster Compound via Dichlorodisupersilyldigallane R*2Ga2Cl2. European Journal of Inorganic Chemistry, 2002, 2002, 351-356.	1.0	43
102	A Systematic Investigation of Coinage Metal Carbonyl Complexes Stabilized by Fluorinated Alkoxy Aluminates. Chemistry - A European Journal, 2013, 19, 12468-12485.	1.7	43
103	Poly(oxymethylene) dimethyl ether synthesis â€“ a combined chemical equilibrium investigation towards an increasingly efficient and potentially sustainable synthetic route. Reaction Chemistry and Engineering, 2017, 2, 50-59.	1.9	43
104	Free volume and phase transitions of 1-butyl-3-methylimidazolium based ionic liquids from positron lifetime spectroscopy. Physical Chemistry Chemical Physics, 2012, 14, 6856.	1.3	42
105	The Protoelectric Potential Map (PPM): An Absolute Twoâ€Dimensional Chemical Potential Scale for a Global Understanding of Chemistry. Chemistry - A European Journal, 2014, 20, 4194-4211.	1.7	42
106	Iridium derivatives of fluorinated aromatics by Câ€“H activation: isolation of classical and non-classical hydrides. Dalton Transactions, 2008, , 5197.	1.6	41
107	Predicting the Critical Micelle Concentrations of Aqueous Solutions of Ionic Liquids and Other Ionic Surfactants. Chemistry - A European Journal, 2009, 15, 8880-8885.	1.7	41
108	[Ni(cod)₂][Al(OR^F)₄], a Source for Naked Nickel(I) Chemistry. Angewandte Chemie - International Edition, 2015, 54, 14706-14709.	7.2	41

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109	The Lewis superacid Al[N(C₆F₅)₂]₃ and its higher homolog Ga[N(C₆F₅)₂]₃ â€“ structural features, theoretical investigation and reactions of a metal amide with higher fluoride ion affinity than SbF₅. Chemical Science, 2018, 9, 245-253.	3.7	41
110	A computational study of SbnF5n (n=1â€“4). Journal of Fluorine Chemistry, 2004, 125, 1585-1592.	0.9	40
111	Isolated cationic crown ether complexes of gallium(i) and indium(i). Dalton Transactions, 2012, 41, 12011.	1.6	39
112	Establishing Consistent van der Waals Volumes of Polyatomic Ions from Crystal Structures. ChemPhysChem, 2013, 14, 3221-3226.	1.0	39
113	Superacidity of closo-Dodecaborate-Based BrÃ¸nsted Acids: a DFT Study. Journal of Physical Chemistry A, 2015, 119, 735-743.	1.1	39
114	Catalytic Use of Lowâ€Valent Cationic Gallium(I) Complexes as Ï€â€Acids. Advanced Synthesis and Catalysis, 2018, 360, 544-549.	2.1	39
115	Preference ofnpÏ€â^'npÏ€Bonding (n= 3, 4) over Purely Ïƒ-Bonded Species in M42+(M = S, Se):Â Geometries, Bonding, and Energetics of Several M42+Isomersâ€‚â€¡. Inorganic Chemistry, 1999, 38, 5203-5211.	1.9	38
116	Struktur und Charakterisierung von Cl3[Al{OC(CF3)3}4]; Lewis-AciditÃten von CX3 und BX3. Angewandte Chemie, 2003, 115, 1569-1572.	1.6	38
117	Cyclododecasulfur as a Ligand: From Gasâ€Phase Experiments to the Crystal Structures of [Cu(S₁₂)(S₈)]⁺ and [Cu(S₁₂)(CH₂Cl₂)]⁺. Angewandte Chemie - International Edition, 2009, 48, 1133-1137.	7.2	38
118	Ag[Fe(CO)₅]₂⁺: A Bare Silver Complex with Fe(CO)₅ as a Ligand. Angewandte Chemie - International Edition, 2014, 53, 13460-13462.	7.2	38
119	Towards a Sustainable Synthesis of Oxymethylene Dimethyl Ether by Homogeneous Catalysis and Uptake of Molecular Formaldehyde. Angewandte Chemie - International Edition, 2018, 57, 9461-9464.	7.2	38
120	Synthesis and Application of Strong BrÃ¸nsted Acids Generated from the Lewis Acid Al(OR^F)₃ and an Alcohol. Organometallics, 2012, 31, 7485-7491.	1.1	37
121	Cooperative Effect of a Classical and a Weak Hydrogen Bond for the Metalâ€Induced Construction of a Selfâ€Assembled Î²â€Turn Mimic. Chemistry - A European Journal, 2009, 15, 10405-10422.	1.7	36
122	Lithium and Sodium Alkoxy- and Aryloxyhydridoaluminates in Solution and in the Solid State. Chemistry - A European Journal, 1998, 4, 2191-2203.	1.7	35
123	Empirical description and prediction of ionic liquids' properties with augmented volume-based thermodynamics. Journal of Molecular Liquids, 2014, 192, 3-8.	2.3	35
124	Fluorination of Liâ€Rich Lithiumâ€Ionâ€Battery Cathode Materials by Fluorine Gas: Chemistry, Characterization, and Electrochemical Performance in Half Cells. ChemElectroChem, 2019, 6, 3337-3349.	1.7	35
125	Thermal hysteresis in dithiadiazolyl and dithiazolyl radicals induced by supercooling of paramagnetic liquids close to room temperature: a study of F3CCî€NSNî€˙ and an interpretation of the behaviour of F3CCî€NSNCî€˙CF3. Chemical Communications, 2002, , 1836-1837.	2.2	34
126	Dynamics and Counterionâ€Dependence of the Structures of Weakly Bound Ag⁺â€“P₄S₃ Complexes. Chemistry - A European Journal, 2007, 13, 7510-7522.	1.7	34

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127	Reactions of a Cyclodimethylsiloxane (Me₂SiO)₆ with Silver Salts of Weakly Coordinating Anions; Crystal Structures of [Ag(Me₂SiO)₆][Al] ([Al] =) Tj ETQq1 1 0.784314 rgBT /Overlock 1 [Ag(18-Crown-6)]₂[SbF₆]₂. Inorganic Chemistry, 2013, 52, 3113-3126.	1.9	34
128	Hexaazatrinaphthylenes with Different Twists. Chemistry - A European Journal, 2014, 20, 1525-1528.	1.7	34
129	Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. Angewandte Chemie - International Edition, 2020, 59, 9453-9459.	7.2	34
130	Lithium Bis(2,2,2-trifluoroethyl)phosphate Li[O₂P(OCH₂CF₃)₂]: A High Voltage Additive for LNMO/Graphite Cells. Journal of the Electrochemical Society, 2018, 165, A2569-A2576.	1.3	33
131	Al5Br7â‹…5â€‰THFâ€”The First Saltlike Aluminum Subhalide. Angewandte Chemie - International Edition, 2000, 39, 3691-3694.	7.2	32
132	Synthesis and Structures of Alkaline-Earth Metal Supersilanides: tBu3SiMX and tBu3Siâˆ’Mâˆ’SitBu3 (M =) Tj ETQq0 0 0 rgBT /Overlock 1	1.0	32
133	Silver Complexes of Cyclic Hexachlorotriphosphazene. Chemistry - A European Journal, 2006, 12, 1997-2008.	1.7	32
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