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	Terminal endâ€on coordination of dinitrogen versus isoelectronic <scp>CO</scp>: A comparison using the charge displacement analysis. Journal of Computational Chemistry, 2023, 44, 149-158.	1.5	4
2	Realistic Operandoâ€DRIFTS Studies on Cu/ZnO Catalysts for CO₂ Hydrogenation to Methanol â€“ Direct Observation of Monoâ€ionized Defect Sites and Implications for Reaction Intermediates. ChemCatChem, 2022, 14, .	1.8	16
3	Ga⁺-catalyzed hydrosilylation? About the surprising system Ga⁺/HSiR₃/olefin, proof of oxidation with subvalent Ga⁺ and silylium catalysis with perfluoroalkoxyaluminate anions. Chemical Science, 2022, 13, 439-453.	3.7	9
4	Lewis acidâ€“base adducts of Al(N(C₆F₅)₂)₃ and Ga(N(C₆F₅)₂)₃ â€“ structural features and dissociation enthalpies. Dalton Transactions, 2022, 51, 4829-4835.	1.6	1
5	Copperâ€Catalyzed Monooxygenation of Phenols: Evidence for a Mononuclear Reaction Mechanism. Angewandte Chemie - International Edition, 2022, 61, .	7.2	12
6	An Artificial SEI Layer Based on an Inorganic Coordination Polymer with Selfâ€Healing Ability for Longâ€Lived Rechargeable Lithiumâ€Metal Batteries. Batteries and Supercaps, 2022, 5, .	2.4	8
7	Measurements and Utilization of Consistent Gibbs Energies of Transfer of Single Ions: Towards a Unified Redox Potential Scale for All Solvents. Chemistry - A European Journal, 2022, 28, .	1.7	3
8	Synthesis and Characterization of Stable Iron Pentacarbonyl Radical Cation Salts. Angewandte Chemie - International Edition, 2022, 61, .	7.2	10
9	Synthesis and Characterization of Stable Iron Pentacarbonyl Radical Cation Salts. Angewandte Chemie, 2022, 134, .	1.6	3
10	A Simple Homoleptic Gallium(I) Olefin Complex: Mimicking Transitionâ€Metal Chemistry at a Mainâ€Group Metal?. Angewandte Chemie, 2021, 133, 210-213.	1.6	1
11	Fluorination of Niâ€Rich Lithiumâ€ion Battery Cathode Materials by Fluorine Gas: Chemistry, Characterization, and Electrochemical Performance in Fullâ€cells. Batteries and Supercaps, 2021, 4, 632-645.	2.4	12
12	Extending the chemistry of weakly basic ligands: solvates of Ag⁺ and Cu⁺ stabilized by [Al{OC(CF₃)₃}₄]^{â^'} anion as model examples in the screening of useful weakly interacting solvents. Dalton Transactions, 2021, 50, 2050-2056.	1.6	4
13	A Simple Homoleptic Gallium(I) Olefin Complex: Mimicking Transitionâ€Metal Chemistry at a Mainâ€Group Metal?. Angewandte Chemie - International Edition, 2021, 60, 208-211.	7.2	14
14	Cationic Niobiumâ€Sandwich and Pianoâ€Stool Complexes. Chemistry - A European Journal, 2021, 27, 758-765.	1.7	4
15	The First Year of B. Sc. Chemistry at the University of Freiburg, Germany: A Report from the Experimental Lecture on General and Inorganic Chemistry. Chimia, 2021, 75, 9-13.	0.3	0
16	Cations and Anions of Dibenzo[a,e]pentalene and Reduction of a Dibenzo[a,e]pentalenophane. Chemistry - A European Journal, 2021, 27, 4964-4970.	1.7	16
17	Starke Lewisâ€und BrÃ¸nstedâ€saure Zentren im Borosulfat Mg 3 [H 2 Oâ†'B(SO 4) 3] 2. Angewandte Chemie, 2021, 133, 10738-10741.	1.6	6
18	Strong Lewis and BrÃ¸nsted Acidic Sites in the Borosulfate Mg 3 [H 2 Oâ†'B(SO 4) 3] 2. Angewandte Chemie - International Edition, 2021, 60, 10643-10646.	7.2	12

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19	Metalâ€“CO Bonding in Mononuclear Transition Metal Carbonyl Complexes. Jacs Au, 2021, 1, 623-645.	3.6	57
20	Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonylâ€Nitrosyl Analogue. Angewandte Chemie, 2021, 133, 14926-14931.	1.6	5
21	Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonylâ€Nitrosyl Analogue. Angewandte Chemie - International Edition, 2021, 60, 14800-14805.	7.2	20
22	Investigations toward a Nonâ€Aqueous Hybrid Redoxâ€Flow Battery with a Manganeseâ€Based Anolyte and Catholyte. Advanced Energy Materials, 2021, 11, 2101261.	10.2	4
23	The Coordination Chemistry and Clustering of Subvalent Ga⁺ and In⁺ upon Addition of Ïƒâ€Donor Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1660-1673.	0.6	13
24	Frontispiz: Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonylâ€Nitrosyl Analogue. Angewandte Chemie, 2021, 133, .	1.6	0
25	Frontispiece: Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonylâ€Nitrosyl Analogue. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
26	Oxidative addition, reduction and reductive coupling: the versatile reactivity of subvalent gallium cations. Dalton Transactions, 2021, 50, 15103-15110.	1.6	13
27	A unified pH scale for all solvents: part I â€“ intention and reasoning (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 1049-1060.	0.9	13
28	Critical role of H-aggregation for high-efficiency photoinduced charge generation in pristine pentamethine cyanine salts. Physical Chemistry Chemical Physics, 2021, 23, 23886-23895.	1.3	4
29	Enhancement of Methanol Synthesis by Oxidative Fluorination of Cu/ZnO Catalystsâ”€Insights from Surface Analyses. ACS Catalysis, 2021, 11, 13223-13235.	5.5	11
30	Stabile Salze heteroleptischer Eisenâ€Carbonyl/Nitrosylkationen. Angewandte Chemie, 2020, 132, 5629-5633.	1.6	11
31	Stable Salts of Heteroleptic Iron Carbonyl/Nitrosyl Cations. Angewandte Chemie - International Edition, 2020, 59, 5581-5585.	7.2	21
32	Frontispiz: Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. Angewandte Chemie, 2020, 132, .	1.6	0
33	A Highly Lewis Acidic Strontium ansaâ€Arene Complex for Lewis Acid Catalysis and Isobutylene Polymerization. Angewandte Chemie - International Edition, 2020, 59, 22023-22027.	7.2	27
34	Symmetric Potentiometric Cells for the Measurement of Unified pH Values. Symmetry, 2020, 12, 1150.	1.1	14
35	Stack by Stack: From the Free Cyclopentadienylgermanium Cation Via Heterobimetallic Mainâ€Group Sandwiches to Mainâ€Group Sandwich Coordination Polymers. Chemistry - A European Journal, 2020, 26, 14109-14117.	1.7	8
36	Groupâ€…6 Hexacarbonyls as Ligands for the Silver Cation: Syntheses, Characterization, and Analysis of the Bonding Compared with the Isoelectronic Groupâ€…5 Hexacarbonylates. Chemistry - A European Journal, 2020, 26, 17203-17211.	1.7	16

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37	A Highly Lewis Acidic Strontium ansa â€Arene Complex for Lewis Acid Catalysis and Isobutylene Polymerization. Angewandte Chemie, 2020, 132, 22207-22211.	1.6	6
38	Synthesis and characterization of crystalline niobium and tantalum carbonyl complexes at room temperature. Nature Chemistry, 2020, 12, 647-653.	6.6	30
39	Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. Angewandte Chemie, 2020, 132, 9540-9546.	1.6	15
40	Frontispiece: Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
41	Synthesis and Structural Characterization of Gallium(I) and Indium(I) Cations Coordinated by Pentamethylethylenediamine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 523-525.	0.6	8
42	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
43	Completing the triad: synthesis and full characterization of homoleptic and heteroleptic carbonyl and nitrosyl complexes of the group VI metals. Chemical Science, 2020, 11, 3592-3603.	3.7	24
44	Altering Charges on Heterobimetallic Transitionâ€Metal Carbonyl Clusters. Chemistry - A European Journal, 2020, 26, 12373-12381.	1.7	8
45	Soft interactions with hard Lewis acids: generation of mono- and dicationic alkaline-earth metal arene-complexes by direct oxidation. Chemical Science, 2020, 11, 2068-2076.	3.7	29
46	Spectroscopic Signatures of Pressurized Carbon Dioxide in Diffuse Reflectance Infrared Spectroscopy of Heterogeneous Catalysts. ChemCatChem, 2020, 12, 2622-2629.	1.8	19
47	Review on Synthesis, Characterization, and Electrochemical Properties of Fluorinated Nickelâ€Cobaltâ€Manganese Cathode Active Materials for Lithiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 1389-1430.	1.7	19
48	Coating of NCM 851005 Cathode Material with Al0@Al2O3 and Subsequent Treatment with Anhydrous HF. Journal of the Electrochemical Society, 2020, 167, 070510.	1.3	10
49	Building blocks for the chemistry of perfluorinated alkoxyaluminates [Al{OC(CF₃)₃}₄]^{â^'}: simplified preparation and characterization of Li⁺â€“Cs⁺, Ag⁺, NH₄⁺, N₂H₅⁺ and N₂H₇⁺ salts.	1.6	14
50	Investigation of Mixtures of BF₃Carbonates and LiX (X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (OCH₂ the Electrochemical Society, 2020, 167, 080507.	1.3	3
51	Asymmetric Imides as Electrolyte Additive for Lithiumâ€Ion Batteries with NCM111 Cathode. ChemElectroChem, 2020, 7, 2107-2113.	1.7	1
52	Preparation of BF₃Carbonates and their Electrochemical Investigation as Additives in Lithium Ion Batteries. Journal of the Electrochemical Society, 2020, 167, 060514.	1.3	6
53	Facile Twoâ€Phase Catalysis: From Dimethoxymethane and Monomeric Formaldehyde towards Oxymethylene Ethers (OMEs). ChemCatChem, 2020, 12, 2416-2420.	1.8	7
54	Coating of Li_{1+x}[Ni_{0.85}Co_{0.10}Mn_{0.05}]_{1â^'x}O₂ Cathode Active Material with Gaseous BF₃. Journal of the Electrochemical Society, 2020, 167, 120505.	1.3	3

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55	The Inverted Philosopherâ€™s Stone: how to turn silver to a base metal. Journal of Solid State Electrochemistry, 2020, 24, 2847-2852.	1.2	1
56	Coordination Chemistry of P 4 S 3 and P 4 Se 3 towards the Iron Fragments [Fe(Cp)(CO) 2] + and [Fe(Cp)(PPh 3)(CO)] +. Chemistry - A European Journal, 2019, 25, 12159-12168.	1.7	2
57	Why Do Five Ga⁺ Cations Form a Ligandâ€Stabilized [Ga₅]⁵⁺ Pentagon and How Does a 5:1 Salt Pack in the Solid State?. Angewandte Chemie - International Edition, 2019, 58, 14162-14166.	7.2	23
58	Isolated Cationic Organometallic Nickel(I) Arene Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 3309-3317.	1.0	8
59	Homogen katalysierte Synthese von Oxymethylenethern (OME) durch Aufnahme von molekularem Formaldehyd. , 2019, , 371-379.		2
60	Frontispiece: From Phosphidic to Phosphonium? Umpolung of the P₄â€Bonding Situation in [CpFe(CO)(L)(Î·¹â€P₄)]⁺ Cations (L=CO or PPh₃). Chemistry - A European Journal, 2019, 25, .	1.7	0
61	Why Do Five Ga + Cations Form a Ligandâ€Stabilized [Ga 5] 5+ Pentagon and How Does a 5:1 Salt Pack in the Solid State?. Angewandte Chemie, 2019, 131, 14300-14304.	1.6	6
62	Investigations on non-classical silylium ions leading to a cyclobutenyl cation. Chemical Science, 2019, 10, 2821-2829.	3.7	19
63	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
64	Oxidative Fluorination of Cu/ZnO Methanol Catalysts. Angewandte Chemie - International Edition, 2019, 58, 12935-12939.	7.2	13
65	Asâ€“P vs. Pâ€“P Insertion in AsP₃: Kinetic Control of the Formation of [AsP₃NO]⁺. European Journal of Inorganic Chemistry, 2019, 2019, 2607-2612.	1.0	6
66	Oxidative Fluorination of Cu/ZnO Methanol Catalysts. Angewandte Chemie, 2019, 131, 13069-13073.	1.6	4
67	Endlich homoleptisch: Synthese und vollstÃndige Charakterisierung stabiler Salze des Mangantetranitrosylkations. Angewandte Chemie, 2019, 131, 9687-9690.	1.6	9
68	From Phosphidic to Phosphonium? Umpolung of the P 4 â€Bonding Situation in [CpFe(CO)(L)(Î· 1 â€P 4)] + Cations (L=CO or PPh 3). Chemistry - A European Journal, 2019, 25, 10546-10551.	1.7	7
69	Using Me₃Siâ€“Fâ€“Al(OR^F)₃ and Me₃Siâ€“Cl as Methylating Agents â€“ Synthesis and Characterization of SeMeCl₂[F{Al(OR^F)₃}₂]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 64-71.	0.6	3
70	Going Homoleptic: Synthesis and Full Characterization of Stable Manganese Tetranitrosyl Cation Salts. Angewandte Chemie - International Edition, 2019, 58, 9586-9589.	7.2	14
71	StructureFinder. Journal of Applied Crystallography, 2019, 52, 468-471.	1.9	0
72	Stable salts of the hexacarbonyl chromium(I) cation and its pentacarbonyl-nitrosyl chromium(I) analogue. Nature Communications, 2019, 10, 624.	5.8	30

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73	First experimental evidence for the elusive tetrahedral cations [EP3]+ (E = S, Se, Te) in the condensed phase. Chemical Science, 2019, 10, 10779-10788.	3.7	10
74	Towards Weakly Coordinating Anions with the Extremely Electron Withdrawing Perfluoropyridinoxy Ligand â€“OC₅F₄N. European Journal of Inorganic Chemistry, 2019, 2019, 59-67.	1.0	11
75	Perfluorinated tertâ€Butoxides of Tin(II): The Dimeric Alkoxide and Its Monomeric Ate Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 301-308.	0.6	2
76	Homoleptic Silver Complexes of the Cages P 4 Se 3 and As 4 S 3. European Journal of Inorganic Chemistry, 2019, 2019, 1657-1668.	1.0	9
77	Ab initio study of CO2 hydrogenation mechanisms on inverse ZnO/Cu catalysts. Journal of Catalysis, 2018, 360, 168-174.	3.1	58
78	Homoleptic Trichloroacetonitrile Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 652-656.	0.6	3
79	Simple Green Synthesis and Electrochemical Performance of a New Fluorinated Carbonate as Additive for Lithiumâ€Ion Batteries. ChemElectroChem, 2018, 5, 1415-1420.	1.7	5
80	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. Angewandte Chemie, 2018, 130, 2368-2371.	1.6	3
81	Reactivity of [Ni(cod)₂][Al(OR^F)₄] towards Small Molecules and Elements. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 50-57.	0.6	4
82	More Stable Template Localization for an Incremental Focal-Point Approachâ€”Implementation and Application to the Intramolecular Decomposition of Tris-perfluoro-tert-butoxyalane. Journal of Chemical Theory and Computation, 2018, 14, 557-571.	2.3	0
83	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
84	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
85	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. Angewandte Chemie, 2018, 130, 2372-2376.	1.6	2
86	Silver Coordination Chemistry of the Weakly Basic Cage As₄S₄. European Journal of Inorganic Chemistry, 2018, 2018, 3203-3212.	1.0	5
87	Catalytic Use of Lowâ€Valent Cationic Gallium(I) Complexes as Ïâ€Acids. Advanced Synthesis and Catalysis, 2018, 360, 544-549.	2.1	39
88	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 SbF_5. Chemical Science, 2018, 9, 245-253.	3.7	41
89	From a (Pseudo) Aluminum Sesquihalide Al₂(Et)₃(OR^F)₃ to Me₃Siâ€“Clâ€“Al(OR^F)₃ (R^F =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 92	1.1	13
90	Basic Remarks on Acidity. Angewandte Chemie - International Edition, 2018, 57, 4386-4411.	7.2	48

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91	Grundlegende Bemerkungen zur AziditÃt. Angewandte Chemie, 2018, 130, 4471-4498.	1.6	13
92	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. Angewandte Chemie - International Edition, 2018, 57, 2344-2347.	7.2	18
93	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. Angewandte Chemie - International Edition, 2018, 57, 2348-2352.	7.2	17
94	Synthesis, Characterisation and Reactions of Truly Cationic Ni^Iâ€“Phosphine Complexes. Chemistry - A European Journal, 2018, 24, 918-927.	1.7	20
95	Tetracationic Gallium Cluster Cations. Angewandte Chemie, 2018, 130, 14399-14402.	1.6	14
96	How does the Environment Influence a Given Cation? Aâ€‰Systematic Investigation of [Co(CO) 5] + in Gas Phase, Solution, and Solid State. Chemistry - A European Journal, 2018, 24, 19348-19360.	1.7	13
97	Tetracationic Gallium Cluster Cations. Angewandte Chemie - International Edition, 2018, 57, 14203-14206.	7.2	29
98	Access to the Bisâ€benzene Cobalt(I) Sandwich Cation and its Derivatives: Synthons for a â€œNakedâ€• Cobalt(I) Source?. Angewandte Chemie - International Edition, 2018, 57, 9310-9314.	7.2	26
99	Access to the Bisâ€benzene Cobalt(I) Sandwich Cation and its Derivatives: Synthons for a â€œNakedâ€• Cobalt(I) Source?. Angewandte Chemie, 2018, 130, 9454-9458.	1.6	9
100	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	51
101	Guilty and charged: a stable solution of the hexamethylbenzene radical cation as a ligand forming oxidising agent. Chemical Communications, 2018, 54, 10036-10039.	2.2	18
102	The perfluorinated alcohols c-C₆F₁₁OH, c-C₆F₁₀-1,1-(OH)₂ and c-C₆F₁₀-1-(CF₃)OH. Chemical Communications, 2018, 54, 9294-9297.	2.2	4
103	Towards a Sustainable Synthesis of Oxymethylene Dimethyl Ether by Homogeneous Catalysis and Uptake of Molecular Formaldehyde. Angewandte Chemie, 2018, 130, 9605-9608.	1.6	11
104	Recent improvements inDSR. Journal of Applied Crystallography, 2018, 51, 928-934.	1.9	53
105	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
106	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
107	Ethylzincâ€•and Zincâ€“bisâ€“fluoroalkoxides. ChemistrySelect, 2017, 2, 265-273.	0.7	4
108	The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadrupleâ€•Decker [Sn₃Cp₄]²⁺. Angewandte Chemie - International Edition, 2017, 56, 2880-2884.	7.2	27

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109	Frontispiece: The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadrupleâ€Decker [Sn₃Cp₄]²⁺. Angewandte Chemie - International Edition, 2017, 56, .	7.2	0
110	The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadrupleâ€Decker [Sn₃Cp₄]²⁺. Angewandte Chemie, 2017, 129, 2926-2930.	1.6	11
111	Highly correlated ab initio thermodynamics of oxymethylene dimethyl ethers (OME): formation and extension to the liquid phase. Sustainable Energy and Fuels, 2017, 1, 1177-1183.	2.5	12
112	Using the Lewis Acid Me₃Siâ^'Fâ^'Al(OR^F)₃ To Prepare Phosphinoâ€Phosphonium Cations with the Leastâ€Coordinating Anion [(R^FO)₃Alâ^'Fâ^'Al(OR^F)₃]^{â^'}. Chemistry - A European Journal, 2017, 23, 12305-12313.	1.7	18
113	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
114	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
115	Synthesis and Characterization of Bromoaluminate Ionic Liquids. Chemistry - A European Journal, 2017, 23, 9821-9830.	1.7	7
116	An Investigation of the Symmetric and Asymmetric Cleavage Products in the System Aluminum Trihalide/1â€Butylimidazole. Chemistry - A European Journal, 2017, 23, 11054-11066.	1.7	12
117	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
118	First Investigations Towards the Feasibility of an Al/Br₂ Battery Based on Ionic Liquids. ChemElectroChem, 2017, 4, 2934-2942.	1.7	9
119	Two synthetic approaches for the preparation of tin(ii) dications. Chemical Communications, 2017, 53, 10914-10917.	2.2	17
120	Novel photoacid generators for cationic photopolymerization. Polymer Chemistry, 2017, 8, 4414-4421.	1.9	67
121	Frontispiz: The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadrupleâ€Decker [Sn₃Cp₄]²⁺. Angewandte Chemie, 2017, 129, .	1.6	0
122	From an Easily Accessible Pentacarbonylcobalt(I) Salt to Pianoâ€Stool Cations [(arene)Co(CO)₂]⁺. Chemistry - A European Journal, 2017, 23, 14658-14664.	1.7	16
123	From Squareâ€Planar [ICl₄]^{â^'} to Novel Chloroiodates(III)? A Systematic Experimental and Theoretical Investigation of Their Ionic Liquids. Chemistry - A European Journal, 2017, 23, 11312-11322.	1.7	13
124	Arene Complexes of Divalent Tin Bromoaluminates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1374-1378.	0.6	3
125	A unified view to BrÃ¸nsted acidity scales: do we need solvated protons?. Chemical Science, 2017, 8, 6964-6973.	3.7	59
126	Laser rapid-prototyping and modular packaging of chip-based microreactors for direct fluorination reactions. Chemical Engineering Research and Design, 2017, 128, 318-330.	2.7	4

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127	Tunable Aryl Alkyl Ionic Liquids with Weakly Coordinating Tetrakis((1,1,1,3,3,3â€hexafluoropropanâ€2â€yl)oxy)borate [B(hfip)₄] Anions. Chemistry - A European Journal, 2016, 22, 10044-10049.	1.7	16
128	Synthesis, Characterization, and Electrochemical Investigation of Li[O₂P(OCH₂CF₃)₂] and Li[O₂P{OC(H)(CF₃)₂}₂] and Use of the Former for Coordinationâ€Polymerâ€Based Gel Electrolytes. ChemElectroChem, 2016, 3, 774-782.	1.7	5
129	Coordination Chemistry of Diiodine and Implications for the Oxidation Capacity of the Synergistic Ag⁺/X₂ (X=Cl, Br, I) System. Angewandte Chemie, 2016, 128, 9408-9412.	1.6	10
130	Homoleptic Gold Acetonitrile Complexes with Medium to Very Weakly Coordinating Counterions: Effect on Aurophilicity?. Chemistry - A European Journal, 2016, 22, 15085-15094.	1.7	32
131	Silver Complexes of Dihalogen Molecules. Angewandte Chemie - International Edition, 2016, 55, 9259-9261.	7.2	28
132	Coordination Chemistry of Diiodine and Implications for the Oxidation Capacity of the Synergistic Ag⁺/X₂ (X=Cl, Br, I) System. Angewandte Chemie - International Edition, 2016, 55, 9262-9266.	7.2	25
133	From Ionâ€Like Ethylzinc Aluminates to [EtZn(arene)₂]⁺[Al(OR^F)₄]^{â^'} Salts. Chemistry - A European Journal, 2016, 22, 15847-15855.	1.7	26
134	A Ferrocenyl-Backboned Unsymmetric O,C-Coordinating Ligand and Its Tin Derivatives. ChemistryOpen, 2016, 5, 319-324.	0.9	8
135	Silver Complexes of Dihalogen Molecules. Angewandte Chemie, 2016, 128, 9405-9407.	1.6	9
136	Bermuda-clustersâ€¦? On the interaction of chelating bipyridines with subvalent Ga+ and In+ salts of the [Al(ORF)4]â^' WCA. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 651-654.	0.8	0
137	Reactive p-block cations stabilized by weakly coordinating anions. Chemical Society Reviews, 2016, 45, 789-899.	18.7	251
138	Electrochemical Contact Separation for PVD Aluminum Back Contact Solar Cells. Energy Procedia, 2015, 67, 70-75.	1.8	4
139	The Protoelectric Potential Map (PPM): The Two-Dimensional Plot of Absolute Redox Potentials and Absolute pH Values. ECS Transactions, 2015, 64, 7-12.	0.3	0
140	[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
141	Sieving Effects in Electrical Doubleâ€Layer Capacitors Based on Neat [Al(hfip)₄]^{â^'} and [NTf₂]^{â^'} Ionic Liquids. ChemElectroChem, 2015, 2, 829-836.	1.7	6
142	Synthesis and Characterization of Cp*Beâ€Fâ€Al(OR^F)₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 655-659.	0.6	21
143	Ethylâ€Zinc(II)â€Cation Equivalents: Synthesis and Hydroamination Catalysis. Chemistry - A European Journal, 2015, 21, 13696-13702.	1.7	18
144	Synthesis, Spectroscopic Characterization, Crystal Structures, Energetics, and Thermal Stabilities of Li[AlX₄] (X = Cl, Br): Investigation and Performance of Their Electrolyte Solutions. European Journal of Inorganic Chemistry, 2015, 2015, 3128-3138.	1.0	5

#	Article	IF	Citations
145	The Acidity of the HBr/AlBr₃ System: Stabilization of Crystalline Protonated Arenes and Their Acidity in Bromoaluminate Ionic Liquids. Chemistry - A European Journal, 2015, 21, 7489-7502.	1.7	22
146	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
147	Homoleptic borates and aluminates containing the difluorophosphato ligand â€“ [M(O₂PF₂)_x]^{yâ^'} â€“ synthesis and characterization. Dalton Transactions, 2015, 44, 7048-7057.	1.6	13
148	Unified pH Values of Liquid Chromatography Mobile Phases. Analytical Chemistry, 2015, 87, 2623-2630.	3.2	46
149	Superacidity of closo-Dodecaborate-Based BrÃ¸nsted Acids: a DFT Study. Journal of Physical Chemistry A, 2015, 119, 735-743.	1.1	39
150	DSR: enhanced modelling and refinement of disordered structures with SHELXL. Journal of Applied Crystallography, 2015, 48, 933-938.	1.9	141
151	Effect of Dimethyl Carbonate on the Dynamic Properties and Ionicities of Ionic Liquids with [M^{III}(hfip)₄]^{â^'} (M=B, Al) Anions. ChemPhysChem, 2015, 16, 1940-1947.	1.0	9
152	Fluoroâ€•and Perfluoralkylsulfonylpentafluoroanilides: Synthesis and Characterization of NH Acids for Weakly Coordinating Anions and Their Gasâ€Phase and Solution Acidities. Chemistry - A European Journal, 2015, 21, 5769-5782.	1.7	20
153	Absolute BrÃ¸nsted Acidities and pH Scales in Ionic Liquids. ChemPhysChem, 2015, 16, 1428-1439.	1.0	23
154	In silico prediction of linear free energy relationship descriptors of neutral and ionic compounds. RSC Advances, 2015, 5, 80634-80642.	1.7	25
155	Cationic cluster formation versus disproportionation of low-valent indium and gallium complexes of 2,2â€™-bipyridine. Nature Communications, 2015, 6, 8288.	5.8	52
156	Ionic liquid-mediated technology to produce cellulose nanocrystals directly from wood. Carbohydrate Polymers, 2015, 134, 609-616.	5.1	113
157	Ionic Liquids with Weakly Coordinating [M^{III}(OR^F)₄]^{â^'} Anions. Accounts of Chemical Research, 2015, 48, 2537-2546.	7.6	47
158	Li[B(OCH₂CF₃)₄]: Synthesis, Characterization and Electrochemical Application as a Conducting Salt for LiSB Batteries. ChemPhysChem, 2015, 16, 666-675.	1.0	20
159	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
160	Comparison of Redox Potentials in Non-Aqueous Solvents: Silver is Not a Noble Metal in the Acidic Ionic Liquid HmimBr. ECS Transactions, 2014, 64, 207-210.	0.3	2
161	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
162	Plating Processes on Aluminum and Application to Novel Solar Cell Concepts. Energy Procedia, 2014, 55, 679-687.	1.8	5

#	Article	IF	Citations
163	New Waterâ€Stable Ionic Liquids Based on Tetrakisâ€(2,2,2â€trifluoroethoxy)borate. ChemPhysChem, 2014, 15, 3729-3731.	1.0	12
164	Ïƒ- or Ï€-Coordination? Complexes of Univalent Gallium Salts with Aromatic Nitrogen Bases. European Journal of Inorganic Chemistry, 2014, 2014, 4335-4341.	1.0	27
165	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
166	Hexaazatrinaphthylenes with Different Twists. Chemistry - A European Journal, 2014, 20, 1525-1528.	1.7	34
167	On the prevalence of side reactions during ionosolv pulping of Norway spruce with 1-butyl-3-methylimidazolium acesulfamate. Cellulose, 2014, 21, 4607-4619.	2.4	3
168	Chargeâ€Scaling Effect in Ionic Liquids from the Chargeâ€Density Analysis of N,Nâ€²â€Dimethylimidazolium Methylsulfate. Angewandte Chemie - International Edition, 2014, 53, 3143-3146.	7.2	26
169	Dative Bonds in Mainâ€Group Compounds: A Case for Fewer Arrows!. Angewandte Chemie - International Edition, 2014, 53, 370-374.	7.2	210
170	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
171	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
172	Straightforward Synthesis of the BrÃ¸nsted Acid hfipOSO₃H and its Application for the Synthesis of Protic Ionic Liquids. Angewandte Chemie - International Edition, 2014, 53, 6637-6640.	7.2	11
173	The Superacid HBr/AlBr₃: Protonation of Benzene and Ordered Crystal Structure of [C₆H₇]⁺[Al₂Br₇]^{â^'}. Angewandte Chemie - International Edition, 2014, 53, 1689-1692.	7.2	26
174	Dative or Not Dative?. Angewandte Chemie - International Edition, 2014, 53, 6047-6048.	7.2	135
175	Gold(i) mediated rearrangement of [7]-helicene to give a benzo[cd]pyrenium cation embedded in a chiral framework. Chemical Communications, 2014, 50, 5251-5253.	2.2	10
176	Quantitative Analysis of Molecular Interaction Potentials of Ionic Liquid Anions Using Multiâ€Functionalized Stationary Phases in HPLC. ChemPhysChem, 2014, 15, 2351-2358.	1.0	9
177	Twisted pyrene-fused azaacenes. Chemical Communications, 2014, 50, 1976.	2.2	60
178	Size Matters! On the Way to Ionic Liquid Systems without Ion Pairing. Chemistry - A European Journal, 2014, 20, 9794-9804.	1.7	47
179	Engineered High Aspect Ratio Vertical Nanotubes as a Model System for the Investigation of Catalytic Methanol Synthesis Over Cu/ZnO. ACS Applied Materials & Interfaces, 2014, 6, 1576-1582.	4.0	9
180	Empirical description and prediction of ionic liquids' properties with augmented volume-based thermodynamics. Journal of Molecular Liquids, 2014, 192, 3-8.	2.3	35

#	Article	IF	Citations
181	Structural Changes Upon Oxidation of (P^tBu₂)₂ and 1,4â€(CH₂)₂(P^tBu)₄: Transannular Pâ€“P Interactions in Cations of the 1,4â€C₂P₄ Ring. Heteroatom Chemistry, 2014, 25, 501-513.	0.4	1
182	Univalent Gallium Complexes of Simple andansa-Arene Ligands: Effects on the Polymerization of Isobutylene. Chemistry - A European Journal, 2014, , n/a-n/a.	1.7	0
183	Stoichiometric Reduction of CO₂ to CO by Phosphine/AlX₃-Based Frustrated Lewis Pairs. Organometallics, 2013, 32, 4416-4422.	1.1	83
184	Weakly Coordinating Anions: Fluorinated Alkoxyaluminates. , 2013, , 681-705.		28
185	Temperature Dependent Crystal Structure Analyses and Ion Volume Determinations of Organic Salts. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2153-2161.	0.6	17
186	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
187	CHAPTER 7.1. Structure and Bonding of the Neutral Chalcogens and Their Polyatomic Cations. , 2013, , 349-381.		2
188	Superacidic or Notâ€¦ï¿½ Synthesis, Characterisation, and Acidity of the Roomâ€Temperature Ionic Liquid [C(CH₃)₃]⁺â€‰[Al₂Br₇]^{â^'}. Chemistry - A European Journal, 2013, 19, 109-116.	1.7	31
189	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[Sb₆]₂. Inorganic Chemistry, 2013, 52, 3113-3126.	1.9	34
190	Recent advances in the syntheses of homopolyatomic cations of the non metallic elements C, N, P, S, Cl, Br, I and Xe. Coordination Chemistry Reviews, 2013, 257, 946-955.	9.5	25
191	Unusual Tilted Carbene Coordination in Carbene Complexes of Gallium(I) and Indium(I). Angewandte Chemie - International Edition, 2013, 52, 4941-4944.	7.2	76
192	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
193	Direct Fluorination of Cyclic Carbonates and closoâ€K₂[B₁₂H₁₂] in a Slugâ€Flow Ministructured Reactor. ChemPlusChem, 2013, 78, 292-301.	1.3	4
194	[Au(Î·2-C2H4)3]+[Al(ORF)4]-- a Stable Homoleptic (Ethene)gold Complex. European Journal of Inorganic Chemistry, 2013, 2013, 2712-2717.	1.0	23
195	Crystal Structure Determination of the Nonclassical 2-Norbornyl Cation. Science, 2013, 341, 62-64.	6.0	108
196	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
197	A strong cationic BrÃ¸nsted acid, [H(OEt2)2][Al{OC(CF3)3}4], as an efficient initiator for the cationic ring-opening polymerization of 2-alkyl-2-oxazolines. Polymer Chemistry, 2013, 4, 495-505.	1.9	19
198	[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

#	Article	IF	Citations
199	The Al(ORF)3/H2O/Phosphane [RF= C(CF3)3] System - Protonation of Phosphanes and Absolute BrÃ¸nsted Acidity. European Journal of Inorganic Chemistry, 2013, 2013, 3054-3062.	1.0	14
200	Direct Fluorination of Cyclic Carbonates andcloso-K2[B12H12] in a Slug-Flow Ministructured Reactor. ChemPlusChem, 2013, 78, 280-280.	1.3	0
201	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
202	A Systematic Investigation of Coinage Metal Carbonyl Complexes Stabilized by Fluorinated Alkoxy Aluminates. Chemistry - A European Journal, 2013, 19, 12468-12485.	1.7	43
203	Fluorinated Weakly Coordinating Anions [M(hfip)₆]^{â€“} (M = Nb, Ta): Syntheses, Structural Characterizations and ÂComputations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 714-721.	0.6	16
204	Establishing Consistent van der Waals Volumes of Polyatomic Ions from Crystal Structures. ChemPhysChem, 2013, 14, 3221-3226.	1.0	39
205	Synthesis and oxidation of hexafluoroisopropoxyborylferrocenes. Pure and Applied Chemistry, 2012, 84, 2317-2324.	0.9	2
206	[7]-Helicene: a chiral molecular tweezer for silver(i) salts. Dalton Transactions, 2012, 41, 8238.	1.6	55
207	Isolated cationic crown ether complexes of gallium(i) and indium(i). Dalton Transactions, 2012, 41, 12011.	1.6	39
208	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
209	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
210	Weak Arene Stabilization of Bulky Amidoâ€Germanium(II) and Tin(II) Monocations. Angewandte Chemie - International Edition, 2012, 51, 9557-9561.	7.2	105
211	Novel Cu/ZnO-Based Catalysts for the Synthesis of Methanol by CO2 Hydrogenation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1566-1566.	0.6	2
212	[P₉]⁺[Al(OR^F)₄]^{â^’}, the Salt of a Homopolyatomic Phosphorus Cation. Angewandte Chemie - International Edition, 2012, 51, 6529-6531.	7.2	64
213	A Se₁₉ Homocycle Complexed by Two Copper(I) Ions. Angewandte Chemie - International Edition, 2012, 51, 6009-6012.	7.2	19
214	Inside Cover: [P9]+[Al(ORF)4]â^’, the Salt of a Homopolyatomic Phosphorus Cation (Angew. Chem. Int.) Tj ETQq0 0 0 rgBT /Overlock 10	7.2	0
215	Bulk Gasâ€Phase Acidity. Chemistry - A European Journal, 2012, 18, 9333-9340.	1.7	16
216	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

#	Article	IF	Citations
217	Synthesis, Characterization, and Application of Two Al(OR^F)₃ Lewis Superacids. Chemistry - A European Journal, 2012, 18, 9371-9380.	1.7	54
218	Preparation of [Al(hfip)₄]^{â^'}â€Based Ionic Liquids with Siloxaneâ€Functionalized Cations and Their Physical Properties in Comparison with Their [Tf₂N]^{â^'} Analogues. ChemPhysChem, 2012, 13, 1802-1805.	1.0	16
219	[TeX₃]⁺ Cations Stabilized by the Weakly Coordinating [Al(OR^F)₄]^{â^'} Anion: FIR Spectra, Raman Spectra, and Evaluation of an Abnormal Halogen Dependence of the ¹²⁵Teâ€...NMR Chemical Shifts. ChemPlusChem, 2012, 77, 643-651.	1.3	14
220	Multiphase minireactor system for direct fluorination of ethylene carbonate. Chemical Engineering Journal, 2012, 179, 330-337.	6.6	27
221	Thermochemistry of ammonium based ionic liquids: Tetra-alkyl ammonium nitrates â€“ Experiments and computations. Journal of Chemical Thermodynamics, 2012, 51, 107-113.	1.0	19
222	Applying the unified pH scale: absolute acidities in the gas phase and anchor points for eleven representative liquid media. Journal of Cheminformatics, 2012, 4, .	2.8	0
223	Synthesis and Characterization of Boranate Ionic Liquids (BILs). Chemistry - A European Journal, 2012, 18, 2254-2262.	1.7	30
224	Determination of LFER Descriptors of 30 Cations of Ionic Liquidsâ€"Progress in Understanding Their Molecular Interaction Potentials. ChemPhysChem, 2012, 13, 780-787.	1.0	13
225	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
226	The perfluorinated alcohols (F5C6)(F3C)2COH and (F5C6)(F10C5)COH: synthesis, theoretical and acidity studies, spectroscopy and structures in the solid state and the gas phase. Physical Chemistry Chemical Physics, 2011, 13, 6184.	1.3	6
227	CCl₃⁺and CBr₃⁺salts with the [Al(OR^F)₄]^{â^'}and [(^FRO)₃Alâ€"Fâ€"Al(OR^F)₃]^{â^'}anions (R^F= C(CF₃)₃). Dalton Transactions, 2011, 40, 1448-1452.	1.6	29
228	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
229	Metastable Se6 as a ligand for Ag+: from isolated molecular to polymeric 1D and 2D structures. Dalton Transactions, 2011, 40, 5865.	1.6	30
230	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
231	Quantum chemical calculations on a unified pH scale for all phases. Journal of Cheminformatics, 2011, 3, .	2.8	0
232	Stereoselective Reduction of 2â€Hydroxy Ketones towards synâ€•and antiâ€1,2â€Diols. Advanced Synthesis and Catalysis, 2011, 353, 2359-2362.	2.1	32
233	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
234	Is Universal, Simple Melting Point Prediction Possible?. ChemPhysChem, 2011, 12, 2959-2972.	1.0	66

#	Article	IF	Citations
235	Inâ€Between Complex and Cluster: A 14â€Vertex Cage in [Ag₂Se₁₂]²⁺. Angewandte Chemie - International Edition, 2011, 50, 11253-11256.	7.2	30
236	Gold(I)â€1,3â€Diene Complexes: Connecting Structure, Bonding, and Reactivity. Angewandte Chemie - International Edition, 2011, 50, 11576-11578.	7.2	22
237	Going Full Circle: Phaseâ€Transition Thermodynamics of Ionic Liquids. Chemistry - A European Journal, 2011, 17, 6508-6517.	1.7	44
238	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
239	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
240	Temperatureâ€Dependent Prediction of the Liquid Entropy of Ionic Liquids. ChemPhysChem, 2010, 11, 3425-3431.	1.0	19
241	Extending the Coordination Chemistry of Molecular P4S3: The Polymeric Ag(P4S3)+ and Ag(P4S3)2+ Cations.. ChemInform, 2010, 33, 20-20.	0.1	0
242	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
243	A Simple Route to Univalent Gallium Salts of Weakly Coordinating Anions. Angewandte Chemie - International Edition, 2010, 49, 3228-3231.	7.2	102
244	A Unified pH Scale for All Phases. Angewandte Chemie - International Edition, 2010, 49, 6885-6888.	7.2	138
245	Inside Cover: A Simple Route to Univalent Gallium Salts of Weakly Coordinating Anions (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Ove	7.2	0
246	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
247	Anodic oxidation of organometallic sandwich complexes using [Al(OC(CF3)3)4]â^' or [AsF6]â^' as the supporting electrolyte anion. Journal of Fluorine Chemistry, 2010, 131, 1091-1095.	0.9	22
248	Communication: Are hydrodynamic models suited for describing the reorientational dynamics of ions in ionic liquids? A case study of methylimidazolium tetra(hexafluoroisopropoxy)aluminates. Journal of Chemical Physics, 2010, 133, 101101.	1.2	32
249	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
250	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
251	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
252	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

#	Article	IF	Citations
253	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
254	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
255	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
256	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
257	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. Helvetica Chimica Acta, 2009, 92, 1225-1259.	1.0	157
258	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
259	Structural Characterization of a Baseâ€Stabilized [Zn₂]²⁺ Cation. Angewandte Chemie - International Edition, 2009, 48, 5748-5751.	7.2	58
260	Snapshots of the Hydrolysis of the Lithium Alkoxide [Li{OC(CF₃)₃}]₄. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 513-517.	0.6	8
261	[AlCp₂]⁺: Structure, Properties and Isobutene Polymerization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1787-1793.	0.6	31
262	Synthesis, structures and characterisations of truly homoleptic acetonitrile Ln3+ complexes in solid state and in solution. Dalton Transactions, 2009, , 5137.	1.6	21
263	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
264	Reference Values for the Bâ€X Bond Lengths of BI₃ and BBr₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 704-707.	0.6	9
265	A Highly Hexane Soluble Lithium Salt and other Starting Materials of the Fluorinated Weakly Coordinating Anion [Al{OC(CF₃)₂(CH₂SiMe₃)}₄]^{â^'}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 962-966.	0.6	8
266	The Fluorinated Lithiumalkoxide LiORF (RF = C(CF3)2Mes), the Alcohol RFOH and Attempts to use them as Precursors for New Weakly Coordinating Anions (WCAs). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 1035-1040.	0.6	4
267	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
268	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
269	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
270	[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

#	Article	IF	Citations
271	Stable Cl₃⁺salts and attempts to prepare CHI₂⁺and CH₂I⁺. Dalton Transactions, 2008, , 946-956.	1.6	29
272	Iridium derivatives of fluorinated aromatics by Câ€“H activation: isolation of classical and non-classical hydrides. Dalton Transactions, 2008, , 5197.	1.6	41
273	Dimeric Di(tert-butyl)haloalanes and a Monomeric Di(tert-butyl)phosphino-di(tert-butyl)alane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1045-1051.	0.3	12
274	Exploring the chemistry of free Cl3+: reactions with the weak Lewis bases PX3 (X = Clâ€“I), AsI3 and Et2O. Dalton Transactions, 2007, , 5376.	1.6	5
275	Homoleptic Cuâ€“phosphorus and Cuâ€“ethene complexes. Chemical Communications, 2007, , 5046.	2.2	87
276	Computational Study of the Enthalpies of Formation, Î”fHÂ°, and Mean Bond Enthalpies, mBEs, of H4-nEXn0/-and H3-nEXn+/0(E = C, B; X = Fâˆ’I). Journal of Physical Chemistry A, 2007, 111, 13209-13217.	1.1	9
277	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
278	Chapter 7.1. Structure and Bonding of the Neutral Chalcogens and their Polyatomic Cations. , 2007, , 381-416.		5
279	AgOC(CF3)3:Â Synthesis and Applications of the First Donor-Free Silver(I) Alkoxideâ€. Organometallics, 2007, 26, 2096-2105.	1.1	45
280	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
281	[Au3Ge45]9âˆ’â€”A Binary Anion Containing a {Ge45} Cluster. Angewandte Chemie - International Edition, 2007, 46, 5310-5313.	7.2	106
282	How to Predict the Physical Properties of Ionic Liquids: A Volume-Based Approach. Angewandte Chemie - International Edition, 2007, 46, 5384-5388.	7.2	232
283	Homoleptic Silver(I) Acetylene Complexes. Angewandte Chemie - International Edition, 2007, 46, 8295-8298.	7.2	89
284	Inside Cover: [Au₃Ge₄₅]^{9âˆ’}â€”A Binary Anion Containing a {Ge₄₅} Cluster (Angew. Chem. Int. Ed. 28/2007). Angewandte Chemie - International Edition, 2007, 46, 5248-5248.	7.2	0
285	Inside Cover: Homoleptic Silver(I) Acetylene Complexes (Angew. Chem. Int. Ed. 43/2007). Angewandte Chemie - International Edition, 2007, 46, 8092-8092.	7.2	0
286	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
287	Nitronium tetrafluoroborate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i43-i44.	0.2	1
288	Tetra-n-butylammonium Î¼-fluorido-bis{tris[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethanolato-Î²O]aluminate(III)}. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2144-m2144.	0.2	6

#	Article	IF	Citations
289	A Computational Study of [M(CF₃)₄]^{â^'} (M = Cu, Ag, Au) and their Properties as Weakly Coordinating Anions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1639-1644.	0.6	20
290	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
291	Dielectric Response of Imidazolium-Based Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2006, 110, 12682-12688.	1.2	294
292	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
293	Reaction of S2CC(PPh3)2 with Silver Salts Containing Weakly Coordinating Anions; Preparation and Crystal Structures of [Ag6{S2CC(PPh3)2}4][BF4]6 Â· 9.75CH2CL2 and [Ag4{S2CC(PPh3)2}4][Al{OC(CF3)3}4]4 Â· 4.25C2H4Cl2. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 859-865.	0.6	17
294	[BeBr2(SMe2)2], a Versatile Starting Material for Beryllium Chemistry â€“ One Pot Synthesis from Beryllium Powder. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2021-2023.	0.6	20
295	Chemistry with weakly-coordinating fluorinated alkoxyaluminate anions: Gas phase cations in condensed phases?. Coordination Chemistry Reviews, 2006, 250, 2721-2744.	9.5	210
296	Cationic Pâ€“Sâ€“X cages (X=Br, I). Chemistry - A European Journal, 2006, 12, 1703-1714.	1.7	22
297	A Spirocyclic Pï£¿S Cage Cation: Synthesis and Formation of P7S6I2+. Chemistry - A European Journal, 2006, 12, 1986-1996.	1.7	15
298	Silver Complexes of Cyclic Hexachlorotriphosphazene. Chemistry - A European Journal, 2006, 12, 1997-2008.	1.7	32
299	Lewis Acid Stabilized OPI3: Implications for the Nature of Free OPI3. Chemistry - A European Journal, 2006, 12, 5815-5822.	1.7	8
300	AgOC(CF3)3 and AgOSiiPr3â€"Synthesis and Characterization of a Donor-Free Silver(I) Alkoxide and Silyl Oxide. Angewandte Chemie - International Edition, 2006, 45, 6997-7000.	7.2	27
301	Reversible Formation of Polymeric Chains by Coordination of Pentaphosphaferrocene with Silver(I) Cations. Angewandte Chemie - International Edition, 2006, 45, 5689-5693.	7.2	104
302	Chasing an Elusive Alkoxide: Attempts to Synthesize [OC(<I>t</I>Bu)(CF₃)₂]^{â^'}. Chimia, 2006, 60, 220-223.	0.3	5
303	Perfluorinated Alkoxyaluminate Salts of Cationic BrÃnsted 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
304	Studien zur Synthese, Struktur und ReaktivitÃt heterozyklischer Metallonitridophosphinate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2900-2906.	0.6	4
305	Preparation of stable AsBr4+and I2Asâ€“PI3+salts. Why didn't we succeed to prepare AsI4+and As2X5+? A combined experimental and theoretical study. Dalton Transactions, 2005, , 1203-1213.	1.6	23
306	A theoretical study on the formation of EX4+ and E2X5+(E = P, As; X = Br, I) from Ag+ and EX3/X2. Dalton Transactions, 2005, , 2022.	1.6	8

#	Article	IF	Citations
307	THE METASTABLE PARTIALLY POSITIVELY CHARGED Se6 MOLECULE: PREPARATION, CHARACTERISATION AND X-RAY CRYSTAL STRUCTURE OF [Ag2(Se6)(SO2)2][Sb(OTeF5)6]2, [Ag2Se6][AsF6]2 AND [AgSe6][Ag2(SbF6)3]. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 859-863.	0.8	18
308	Noncoordinating Anionsâ€"Fact or Fiction? A Survey of Likely Candidates. Angewandte Chemie - International Edition, 2004, 43, 2066-2090.	7.2	1,003
309	Evidence for the Blue 10Ï€ S62+ Dication in Solutions of S8(AsF6)2: A Computational Study Including Solvation Energies.. ChemInform, 2004, 35, no.	0.1	0
310	Homoatomic Sulfur Cations. ChemInform, 2004, 35, no.	0.1	0
311	Noncoordinating Anions â€" Fact or Fiction? A Survey of Likely Candidates.. ChemInform, 2004, 35, no.	0.1	0
312	tBuP(NH2)2â€"A Reactive Synthon for the Synthesis of Molecular Imidophosphinates of Group 13 Metals. Chemistry - A European Journal, 2004, 10, 1729-1737.	1.7	5
313	Oxidation of CS2 by AsBr4+: The Unexpected Formation of the Simple CS2Br3+ Carbenium Ion. Chemistry - A European Journal, 2004, 10, 5730-5736.	1.7	15
314	Relative Stabilities of Weakly Coordinating Anions: A Computational Study. Chemistry - A European Journal, 2004, 10, 5017-5030.	1.7	146
315	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
316	A computational study of SbnF5n (n=1â€“4). Journal of Fluorine Chemistry, 2004, 125, 1585-1592.	0.9	40
317	Organometallics versus P4Complexes of Group 11 Cations:Â Periodic Trends and Relativistic Effects in the Involvement of (nâˆ’1)d,ns, andnp Orbitals in Metalâˆ’Ligand Interactions. Organometallics, 2004, 23, 2343-2349.	1.1	58
318	Water Adducts of BX3and CX3+:Â Implications for Structure, Bonding, and Reactivity. Journal of the American Chemical Society, 2004, 126, 7571-7577.	6.6	16
319	Evidence for the Blue 10Ï€ S62+Dication in Solutions of S8(AsF6)2: A Computational Study Including Solvation Energies. Inorganic Chemistry, 2004, 43, 1000-1011.	1.9	23
320	Anorganische Chemie 2003. Nachrichten Aus Der Chemie, 2004, 52, 243-259.	0.0	1
321	Synthesis and Structures of Alkaline-Earth Metal Supersilanides: tBu3SiMX and tBu3Siâˆ’Mâˆ’SitBu3 (M =) Tj ETQq1 1 0.784314 rgBT	1.0	32
322	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
323	Reactions Directed Towards Sb(OTeF5)6- Salts of New Tellurium Cations: Formation, FT-Raman Spectrum and X-Ray Crystal Structure of [Cl3Teâ€"Fâ€"TeCl3] [Sb(OTeF5)6] Containing the Î¼-Fluoro-bis[trichloro-tellurium(IV)] Cation.. ChemInform, 2003, 34, no.	0.1	0
324	Structure and Characterization of Cl3[Al{OC(CF3)3}4]; Lewis Acidities of CX3 and BX3. Angewandte Chemie - International Edition, 2003, 42, 1531-1534.	7.2	68

#	Article	IF	Citations
325	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
326	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, 5919-5919.	7.2	5
327	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
328	Synthesis and single crystal X-ray structure of the first imido analog of an eight-membered aluminophosphinate heterocycleElectronic supplementary data (ESI) available: preparation and spectroscopic data of 1, crystallographic data of 1, xyz-coordinates and absolute energies of all computed species. See http://www.rsc.org/suppdata/cc/b2/b203590a/. Chemical Communications, 2002, , 1422-1423.	2.2	6
329	Thermal hysteresis in dithiadiazolyl and dithiazolyl radicals induced by supercooling of paramagnetic liquids close to room temperature: a study of F3CCî€NSSNî€' and an interpretation of the behaviour of F3CCî€SNSCî€'CF3. Chemical Communications, 2002, , 1836-1837.	2.2	34
330	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
331	Reactions directed towards Sb(OTeF5)â^'6 salts of new tellurium cations: formation, FT-Raman spectrum and X-ray crystal structure of [Cl3Teî—,Fî—,TeCl3][Sb(OTeF5)6] containing the Î¼-fluoro-bis[trichloro-tellurium(IV)] cation. Solid State Sciences, 2002, 4, 1435-1441.	1.5	10
332	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
333	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
334	Approaching the Gas-Phase Structures of [AgS8]+ and [AgS16]+ in the Solid State. Chemistry - A European Journal, 2002, 8, 3386-3401.	1.7	92
335	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
336	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
337	Diaquadihydroxohexakis(tri-tert-butoxysilanethiolato)octalithium(I)â€"toluene (1/2). Acta Crystallographica Section E: Structure Reports Online, 2002, 58, m569-m570.	0.2	2
338	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
339	The First Simple, Donor-Free Salt of the Sb(OTeF5)6-Anion:Â Synthesis, Structure, Characterization, and Thermochemistry of Cs[Sb(OTeF5)6]. Inorganic Chemistry, 2001, 40, 4488-4490.	1.9	12
340	Ag(P4)2+:Â The First Homoleptic Metalâ^'Phosphorus Cation. Journal of the American Chemical Society, 2001, 123, 4603-4604.	6.6	129
341	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
342	Gallium Zigzag Chains as an Ordering Principle in Î·5-2,5-di-(t-butyl) phospholylgallium(I). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 1209-1212.	0.6	13

#	Article	IF	Citations
343	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
344	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
345	Basis set and correlation effects in the calculation of accurate gas phase dimerization energies of two M+2 to give M2+4 (M = S, Se). Journal of Computational Chemistry, 2000, 21, 218-226.	1.5	22
346	Al5Br7â‹…5â€‰THFâ€"The First Saltlike Aluminum Subhalide. Angewandte Chemie - International Edition, 2000, 39, 3691-3694.	7.2	32
347	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
348	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
349	Halbsandwich-Komplexe von (S)-1-Amino-2-(methoxymethyl)pyrrolidin (SAMP). Journal of Organometallic Chemistry, 1999, 577, 93-102.	0.8	6
350	Synthesis and Nonlinear Optical Properties of Carbonylrhenium Bromide Complexes with Conjugated Pyridines. European Journal of Inorganic Chemistry, 1999, 1999, 483-490.	1.0	43
351	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
352	Rearrangement of Bis(dimethylamino)bis(1-indenyl)diborane(4) into Bis(dimethylamino)bis(3-indenyl)diborane(4). European Journal of Inorganic Chemistry, 1998, 1998, 505-509.	1.0	16
353	Bis(tetramethylpiperidino)aluminum Halide Adducts tmp2AlXâ€‰·â€‰Do and Tetrahaloaluminates of Tricoordinated Aluminum Cations [tmp2Al(Do)]AlX4. European Journal of Inorganic Chemistry, 1998, 1998, 927-939.	1.0	24
354	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
355	Tetramethylpiperidineâ€"Alane Adducts tmpH Â· AlX3 (X = Cl, Br, I) and tmpH Â· AlH2Cl: Synthesis, Solution Behavior, and X-ray Crystal Structuresâ€†. European Journal of Inorganic Chemistry, 1998, 1998, 1925-1930.	1.0	17
356	Lithium and Sodium Alkoxy- and Aryloxyhydridoaluminates in Solution and in the Solid State. Chemistry - A European Journal, 1998, 4, 2191-2203.	1.7	35
357	Halbsandwich-Komplexe von (S)-1-Amino-2-(methoxymethyl)-pyrrolidin (SAMP). Journal of Organometallic Chemistry, 1998, 564, 179-187.	0.8	3
358	Supersilylverbindungen Der Borgruppenelemente, IV [1]. Supersilylelementhalogenide tBu3SiEX2 Und (tBu3Si)2Ex Mit E = Al, Ga, In: Synthesen, Eigenschaften, Strukturen [2] / Supersilylated Compounds of the Thirteenth Group, IV [I]. Supersilylelement Halides tBu3SiEX2 And (tBu3Si)2Ex with E = Al, Ga, In: Syntheses, Properties, Structures [2]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 333-348.	0.3	20
359	Functionalized 1,1-Ethene Dithiolates as Ligands, V [1]. Synthesis and Crystal Structure of Palladium(II) and Platinum(II) Complexes with Dithioylidene Barbituric Acid Ligands. Molecular Structure of a 2,6-Diaminopyridine-Platinum(II) Barbiturate Complex. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 1135-1143.	0.3	8
360	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

#	Article	IF	Citations
361	Donorfreie und donorhaltige supersilylalkalimetalle tBu3SiM1: Synthesen, charakterisierung, strukturen. Journal of Organometallic Chemistry, 1997, 542, 1-18.	0.8	118
362	Synthesis and Structures of Bis(tetramethylipiperidino)aluminum Halidesâ€Xâ€ray Crystal Structures of tmp₂AlX (X = Cl, Br, I) and [tmp₂A1(Î¼â€F)l₂. Chemische Berichte, 1997, 130, 1047-1052.	0.2	24
363	Synthesis and Structures of Sodium Phenylhydrazides. Chemische Berichte, 1997, 130, 1053-1062.	0.2	53
364	Ãœber einige Aluminiumbromid-Ether-Addukte: Strukturen in LÃ¶sung und im festen Zustand / Aluminium Bromide Ether Adducts: Structures in Solution and in the Solid State. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1996, 51, 1117-1126.	0.3	9
365	Homoatomic Sulfur Cations. Topics in Current Chemistry, 0, , 135-154.	4.0	18
366	Copperâ€Catalyzed Monooxygenation of Phenols: Evidence for a Mononuclear Reaction Mechanism. Angewandte Chemie, 0, , .	1.6	0
367	Understanding the effect of lattice polarisability on the electrochemical properties of lithium tetrahaloaluminates, LiAlX₄ (X = Cl, Br, I). Journal of Materials Chemistry A, 0, , .	5.2	3