

Florian Kraus

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213
papers

3,481
citations

27
h-index

53
g-index

277
ext. papers

4,003
ext. citations

4
avg, IF

5.53
L-index

#	Paper	IF	Citations
213	Zintl ions, cage compounds, and intermetalloid clusters of Group 14 and Group 15 elements. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3630-70	16.4	365
212	Fuel cell catalyst degradation on the nanoscale. <i>Electrochemistry Communications</i> , 2008 , 10, 1144-1147	5.1	267
211	Cloning and expression analysis of the mouse T-box gene Tbx18. <i>Mechanisms of Development</i> , 2001 , 100, 83-6	1.7	190
210	Zintl-Ionen, Käfigverbindungen und intermetalloide Cluster der Elemente der 14. und 15. Gruppe. <i>Angewandte Chemie</i> , 2011 , 123, 3712-3754	3.6	163
209	Cloning and expression analysis of the mouse T-box gene tbx20. <i>Mechanisms of Development</i> , 2001 , 100, 87-91	1.7	104
208	P4 ²⁻ : a 6 pi aromatic polyphosphide in dicesium cyclotetraphosphide-ammonia (1/2). <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4030-3	16.4	101
207	Acceleration of electrons in the plasma wakefield of a proton bunch. <i>Nature</i> , 2018 , 561, 363-367	50.4	101
206	[Au ₃ Ge ₁₈](5 ⁻)--a gold-germanium cluster with remarkable Au-Au interactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1638-40	16.4	95
205	Operando Characterization of Intermediates Produced in a Lithium-Sulfur Battery. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A1146-A1155	3.9	91
204	Off the Beaten Track-A Hitchhiker's Guide to Beryllium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10562-76	16.4	83
203	The chemical bond in polyphosphides: crystal structures, the electron localization function, and a new view of aromaticity in P ₄ (²⁻) and P ₅ (⁻). <i>Chemistry - A European Journal</i> , 2005 , 11, 5945-59	4.8	76
202	Nature of the chemical bond in polynictides: the lone pair aromatic anions P ₄ (²⁻) and As ₄ (²⁻). <i>Inorganic Chemistry</i> , 2006 , 45, 1117-23	5.1	73
201	[(MesCu) ₂ (eta ³ -Si(4))] (4 ⁻): a mesitylcopper-stabilized tetrasilicide tetraanion. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6611-5	16.4	68
200	P ₄ ²⁻ in 6-Bromatisches Polyphosphid im Dicaesiumcyclotetraphosphid-Ammoniak(1/2). <i>Angewandte Chemie</i> , 2003 , 115, 4162-4165	3.6	48
199	[Au ₃ Ge ₁₈] ⁵⁻ in Gold-Germanium-Cluster mit bemerkenswerten Au-Au-Wechselwirkungen. <i>Angewandte Chemie</i> , 2007 , 119, 1663-1666	3.6	45
198	Reactions of beryllium halides in liquid ammonia: the tetraammineberyllium cation [Be(NH ₃) ₄] ²⁺ , its hydrolysis products, and the action of Be ²⁺ as a fluoride-ion acceptor. <i>Chemistry - A European Journal</i> , 2012 , 18, 2131-42	4.8	44
197	Si ₉₄ ⁻ Anions in Solution [Structures of the Solvates Rb ₄ Si ₉₄ ·4.75NH ₃ and [Rb(18-crown-6)]Rb ₃ Si ₉₄ ·4NH ₃ , and Chemical Bonding in Si ₉₄] <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4641-4647	2.3	44

196	[(MesCu) ₂ (B-Si ₄) ₄]A Mesitylcopper-Stabilized Tetrasilicide Tetraanion. <i>Angewandte Chemie</i> , 2010 , 122, 6761-6765	3.6	44
195	Elements of metabolic evolution. <i>Chemistry - A European Journal</i> , 2012 , 18, 2063-80	4.8	35
194	On Tetrafluorobromates(III): Crystal Structures of the Dibromate CsBr ₂ F ₇ and the Monobromate CsBrF ₄ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 2846-2850	1.3	34
193	Experimental Observation of Plasma Wakefield Growth Driven by the Seeded Self-Modulation of a Proton Bunch. <i>Physical Review Letters</i> , 2019 , 122, 054801	7.4	32
192	Experimental Observation of Proton Bunch Modulation in a Plasma at Varying Plasma Densities. <i>Physical Review Letters</i> , 2019 , 122, 054802	7.4	31
191	Structure and function of the archaeal response regulator CheY. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1259-E1268	11.5	31
190	Auf neuen Pfaden über Anhalter durch die Berylliumchemie. <i>Angewandte Chemie</i> , 2016 , 128, 10718-10733	3.6	31
189	New Nuclear Magnetic Moment of ²⁰⁹ Bi: Resolving the Bismuth Hyperfine Puzzle. <i>Physical Review Letters</i> , 2018 , 120, 093001	7.4	30
188	On copper(I) fluorides, the cuprophilic interaction, the preparation of copper nitride at room temperature, and the formation mechanism at elevated temperatures. <i>Chemistry - A European Journal</i> , 2015 , 21, 3290-303	4.8	29
187	C-H Bond Activation by an Imido Cobalt(III) and the Resulting Amido Cobalt(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8527-8531	16.4	29
186	Crown Ether Complexes of Alkali-Metal Chlorides from SO. <i>Chemistry - A European Journal</i> , 2017 , 23, 9607-9617	4.8	27
185	Tracing hydrogen bonding Au...H-C at gold atoms: a case study. <i>Inorganic Chemistry</i> , 2013 , 52, 9669-74	5.1	27
184	AWAKE readiness for the study of the seeded self-modulation of a 400 GeV proton bunch. <i>Plasma Physics and Controlled Fusion</i> , 2018 , 60, 014046	2	27
183	Occurrence of difluorine F ₂ in nature—in situ proof and quantification by NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7847-9	16.4	26
182	A new route to metal azides. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13695-7	16.4	25
181	Na ₆ ZnSn ₂ , Na ₄ .24K _{1.76} (1)ZnSn ₂ , and Na ₂₀ Zn ₈ Sn ₁₁ : three intermetallic structures containing the linear {Sn-Zn-Sn} ₆ ⁻ unit. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1469-78	16.4	25
180	Cloning and expression analysis of the chick ortholog of TBX22, the gene mutated in X-linked cleft palate and ankyloglossia. <i>Mechanisms of Development</i> , 2002 , 117, 321-5	1.7	25
179	Chemical bond in the cyclic anions P ₆ ⁴⁻ and As ₆ ⁴⁻ : synthesis, crystal structure, and electron localization function of {Rb[18]crown-6} ₂ -Rb ₂ As ₆ .6 NH ₃ . <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7200-4	16.4	24

- 178 HF-Free Synthesis of LiSiF:Mn: A Red-Emitting Phosphor. *Inorganic Chemistry*, **2019**, 58, 5518-5523 5.1 23
- 177 Photoluminescence quenching of dye molecules near a resonant silicon nanoparticle. *Scientific Reports*, **2018**, 8, 6107 4.9 23
- 176 The Reactions of Silver, Zirconium, and Hafnium Fluorides with Liquid Ammonia: Syntheses and Crystal Structures of $\text{Ag}(\text{NH}_3)_2\text{F}\cdot\text{NH}_3$, $[\text{M}(\text{NH}_3)_4\text{F}_4]\cdot\text{NH}_3$ (M = Zr, Hf), and $(\text{N}_2\text{H}_7)\text{F}$. *European Journal of Inorganic Chemistry*, **2009**, 2009, 441-447 2.3 23
- 175 Beryllium Diammine Difluoride $[\text{BeF}_2(\text{NH}_3)_2]$. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2009**, 64, 257-262 1 23
- 174 RbBrF_4 Revisited. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2015**, 641, 2593-2598 1.3 22
- 173 Substantial π -aromaticity in the anionic heavy-metal cluster $[\text{Th}@\text{Bi}]$. *Nature Chemistry*, **2021**, 13, 149-155 17.6 22
- 172 BrF and BrF^- : peculiar anions showing π and π -bridging F-atoms. *Chemical Communications*, **2016**, 52, 12040-12043 5.8 21
- 171 $[\text{Th}_{10}(\text{F}_{16})(\text{B}-\text{O}_4)(\text{B}-\text{O}_4)(\text{NH}_3)_{32}](\text{NO}_3)_8 \cdot 9.6 \text{ NH}_3$ - The Largest Thorium Complex from Solution known to Date. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 1547-1550 1.3 20
- 170 UF_6 and UF_4 in liquid ammonia: $[\text{UF}_7(\text{NH}_3)]_3^-$ and $[\text{UF}_4(\text{NH}_3)_4]$. *Chemistry - A European Journal*, **2009**, 15, 8269-74 4.8 20
- 169 Facile syntheses of pure uranium halides: UCl , UBr and UI . *Dalton Transactions*, **2017**, 46, 5835-5842 4.3 19
- 168 High cycle life all-solid-state fluoride ion battery with La_2NiO_4 +d high voltage cathode. *Communications Materials*, **2020**, 1, 6 19
- 167 Pyrophosphate complexation of tin(II) in aqueous solutions as applied in electrolytes for the deposition of tin and tin alloys such as white bronze. *Inorganic Chemistry*, **2012**, 51, 8860-7 5.1 17
- 166 Nucleation-controlled crystallization of a new, spontaneously resolved solvate of $[\text{Ru}(\text{bpy})_3](\text{PF}_6)_2$ and its desolvation reaction. *Chemistry - A European Journal*, **2002**, 8, 4454-60 4.8 17
- 165 Synthesis and Characterization of Barium Tetrafluoridobromate(III) $\text{Ba}(\text{BrF}_4)_2$. *European Journal of Inorganic Chemistry*, **2014**, 2014, 6261-6267 2.3 16
- 164 Isolated cyclo-Tetraarsendiide Anions: Synthesis and Crystal Structures of Bis(tetraamminelithium) tetraarsenide $[\text{Li}(\text{NH}_3)_4]_2\text{As}_4$, Bis(pentaamminesodium) tetraarsenide $\cdot\text{Ammonia}$ (1/3) $[\text{Na}(\text{NH}_3)_5]_2\text{As}_4 \cdot 3\text{NH}_3$ and Bis[(4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo [8.8.8]hexacosan)(cesium, rubidium)] tetraarsenide $\cdot\text{Ammonia}$ (1/2)
- 163 Crystal Structures of $\text{Ag}_2\text{ZrF}_6\cdot\text{NH}_3$ and $\text{Ag}_2\text{HfF}_6\cdot\text{NH}_3$ and Their Synthesis by the Reactive Fluoride Route in Liquid Ammonia. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3068-3074 2.3 15
- 162 Synthesis and crystal structures of novel tertiary butyl substituted (pseudo-)halogen bismuthanes. *Dalton Transactions*, **2019**, 48, 5253-5262 4.3 14
- 161 Ein neuer Weg zu Metallaziden. *Angewandte Chemie*, **2014**, 126, 13913-13915 3.6 14

160	Reactions of Sn(NMe ₂) ₂ with MPHcy: the effects of alkali metal phosphide coupling (Cy=cyclohexyl; M=Li, Na, K, Rb). <i>Chemistry - A European Journal</i> , 2007 , 13, 1078-89	4.8	14
159	Reduction of 2,2'-Bipyridine by Quasi-Linear 3d-Metal(I) Silylamides – Structural and Spectroscopic Study. <i>Inorganics</i> , 2019 , 7, 117	2.9	13
158	Tetrafluorobromates for Urban Mining of Noble Metals: A Case Study on Iridium Metal. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a	2.3	13
157	[Be(ND ₃) ₄]Cl ₂ : Synthesis, Characterisation and Space-Group Determination Guided by Solid-State Quantum Chemical Calculations. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4184-4190	2.3	13
156	Complexes featuring a linear [N?U?N] core isoelectronic to the uranyl cation. <i>Nature Chemistry</i> , 2020 , 12, 962-967	17.6	13
155	Trace Determination and Pressure Estimation of Fluorine F Caused by Irradiation Damage in Minerals and Synthetic Fluorides. <i>Chemistry - A European Journal</i> , 2016 , 22, 18388-18393	4.8	12
154	MoF ₅ revisited. A comprehensive study of MoF ₅ . <i>Journal of Fluorine Chemistry</i> , 2018 , 211, 171-179	2.1	12
153	Elementares Fluor F ₂ in der Natur – In-situ-Nachweis und Quantifizierung durch NMR-Spektroskopie. <i>Angewandte Chemie</i> , 2012 , 124, 7968-7971	3.6	12
152	Chemische Bindung in den cyclischen Anionen P ₆ und As ₆ – Synthese, Kristallstruktur und Elektronenlokalisierungsfunktion von {Rb([18]Krone-6)} ₂ Rb ₂ As ₆ ? ₆ NH ₃ . <i>Angewandte Chemie</i> , 2005 , 117, 7366-7370	3.6	12
151	Facile Syntheses of pure Uranium(III) Halides: UF ₃ , UCl ₃ , UBr ₃ , and UI ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 323-329	1.3	11
150	Nanosized Gadolinium and Uranium-Two Representatives of High-Reactivity Lanthanide and Actinide Metal Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 9144-9149	3.9	11
149	Implications of the crystal structure of the ammonia solvate [Au(NH ₃) ₂]Cl?NH ₃ . <i>Inorganic Chemistry</i> , 2013 , 52, 2157-61	5.1	11
148	High-pressure synthesis and characterization of new actinide borates, AnB ₄ O ₈ (An=Th, U). <i>Chemistry - A European Journal</i> , 2013 , 19, 15985-92	4.8	11
147	Hydrogen Polyphosphides P ₃ H ₂ (³⁻) and P ₃ H ₃ (²⁻): synthesis and crystal structure of K ₃ (P ₃ H ₂).2.3NH ₃ , Rb ₃ (P ₃ H ₂).NH ₃ , [Rb(18-crown-6)] ₂ (P ₃ H ₃).7.5NH ₃ , and [Cs(18-crown-6)] ₂ (P ₃ H ₃).7NH ₃ . <i>Inorganic Chemistry</i> , 2009 , 48, 1911-9	5.1	11
146	A new look at NaBrF ₄ : the most BrF ₃ -rich tetrafluoridobromate(III) by mass. <i>Monatshefte Fur Chemie</i> , 2016 , 147, 1661-1668	1.4	11
145	The Interhalogen Cations [Br F] and [Br F]. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14640-14644	16.4	11
144	Uranyl Halides from Liquid Ammonia: [UO ₂ (NH ₃) ₅]Cl ₂ ?NH ₃ and [UO ₂ F ₂ (NH ₃) ₃] ₂ ?NH ₃ and Their Decomposition Products [UO ₂ Cl ₂ (NH ₃) ₃] and [UO ₂ F ₂ (NH ₃) ₃]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 2044-2052	1.3	10
143	No aromaticity of P(6) ⁴⁻ observed via solid state ³¹ P-NMR spectroscopy. <i>Chemical Communications</i> , 2006 , 218-9	5.8	10

142	The [U F] Anion of Sr[U F]. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2914-2918	16.4	9
141	NOUF6 Revisited: A Comprehensive Study of a Hexafluoridouranate(V) Salt. <i>Chemistry - A European Journal</i> , 2016 , 22, 12145-53	4.8	9
140	Die Interhalogenkationen [Br ₂ F ₅] ⁺ und [Br ₃ F ₈] ⁺ . <i>Angewandte Chemie</i> , 2018 , 130, 14850-14855	3.6	9
139	A Simple Access to Pure Thorium(IV) Halides (ThCl ₄ , ThBr ₄ , and ThI ₄). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 2005-2010	1.3	9
138	Higher Ammoniates of BF ₃ and SiF ₄ : Syntheses, Crystal Structures, and Theoretical Calculations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 636, 414-422	1.3	9
137	Hydrogen Bonds in Potassium Amide-Ammonia(1/2), KNH ₂ ·2NH ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1032-1034	1.3	9
136	Lewis Acidic Behavior of MoOF ₄ towards the Alkali Metal Fluorides in Anhydrous Hydrogen Fluoride Solutions. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3672-3682	2.3	8
135	A 1D Coordination Polymer of UF with HCN as a Ligand. <i>Chemistry - A European Journal</i> , 2017 , 23, 291-295	5.8	8
134	closo-Hydroborates from liquid ammonia: synthesis and crystal structures of [Li(NH ₃) ₄] ₂ [B ₁₂ H ₁₂] ₂ NH ₃ , Rb ₂ [B ₁₂ H ₁₂] ₂ NH ₃ , Cs ₂ [B ₁₂ H ₁₂] ₂ NH ₃ and Rb ₂ [B ₁₀ H ₁₀] ₂ NH ₃ . <i>Inorganic Chemistry</i> , 2013 , 52, 4692-9	5.1	8
133	High-Pressure Synthesis and Characterization of the Actinide Borate Phosphate U[BO][PO]. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5247-5252	2.3	8
132	The Diammine Silver(I) Acetate [Ag(NH ₃) ₂]OAc. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 2643-2647	1.3	8
131	Syntheses and Crystal Structures of Sodium Hydrogen Fluorides NaF·nHF (n = 2, 3, 4). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1436-1443	1.3	7
130	Synthesis and Characterization of [Br] [MF] (M=Sb, Ir), as well as Quantum Chemical Study of [Br] Structure, Chemical Bonding, and Relativistic Effects Compared with [XBr] (X=Br, I, At, Ts) and [TsZ] (Z=F, Cl, Br, I, At, Ts). <i>Chemistry - A European Journal</i> , 2019 , 25, 5793-5802	4.8	7
129	[UO ₂ (NH ₃) ₅]Br ₂ ·NH ₃ : synthesis, crystal structure, and speciation in liquid ammonia solution by first-principles molecular dynamics simulations. <i>Dalton Transactions</i> , 2015 , 44, 7332-7	4.3	7
128	Recent advances in the chemistry of uranium halides in anhydrous ammonia. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 817-844	1	7
127	Proton-driven plasma wakefield acceleration in AWAKE. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019 , 377, 20180418	3	7
126	The Decomposition Products of Sulfur Hexafluoride (SF ₆) with Metals Dissolved in Liquid Ammonia. <i>Inorganics</i> , 2017 , 5, 68	2.9	7
125	Dimers of Ag ²⁺ Ions. Synthesis and Characterization of the Quaternary Silver Fluoride Ag ₂ ZnZr ₂ F ₁₄ with [Ag ₂ F ₇] ₃ Units. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 1118-1121	1.3	7

124	Synthesis and Crystal Structure of Cesium Hexamminesodium Decahydro-closo-decaborate-Ammonia(1/1), Cs[Na(NH ₃) ₆][B ₁₀ H ₁₀][NH ₃]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 152-154	1.3	7
123	mer-Triammine Trifluorido Iron(III), mer-[FeF ₃ (NH ₃) ₃]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011 , 66, 0865	1	7
122	The reactions of TiCl ₃ , and of UF ₄ with TiCl ₃ in liquid ammonia: unusual coordination spheres in [Ti(NH ₃) ₈]Cl ₃ ·6NH ₃ and [UF(NH ₃) ₈]Cl ₃ ·5NH ₃ . <i>Chemical Communications</i> , 2015 , 51, 11826-9	5.8	6
121	Synthesis and Characterization of the Tetrafluoridochlorates(III) A[ClF ₄] (A = K, Rb, Cs). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1319-1324	2.3	6
120	C-Bond Cleavage Reactions with Beryllium, Magnesium, Gallium, Hafnium, and Thorium Halides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1501-1507	1.3	6
119	Crystallographic Studies of Cesium Tetrafluorobromates(III). <i>Procedia Chemistry</i> , 2014 , 11, 35-42		6
118	Synthetic strategies for efficient conjugation of organometallic complexes with pendant protein reactive markers. <i>Journal of Organometallic Chemistry</i> , 2013 , 744, 82-91	2.3	6
117	Synthesis and Crystal Structure of Triammine Pentafluorido Tantalum(V) [TaF ₅ (NH ₃) ₃]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 2586-2588	1.3	6
116	Redetermination of the crystal structure of K[BrF ₄] from single-crystal X-ray diffraction data. <i>IUCrData</i> , 2018 , 3,	0.7	6
115	PbF[Br ₂ F ₇], a Fluoridobromate(III) of a p-Block Metal. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 64-70	2.3	6
114	Synthesis of the fluorohydridoborate anions [BHF] and [1-HFB-9,12-X-closo-1,2-CBH] (X = H, I): deboronation of 1,2- and 1,7-dicarba-closo-dodecaboranes with anhydrous [MeN]F. <i>Chemical Communications</i> , 2016 , 52, 13241-13244	5.8	6
113	F-bridged Anions of Bromine and Gold: Predictions of Unexpected Behavior. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 284-291	1.3	6
112	HKLF5Tools: a program for processing diffraction data of non-merohedrally twinned crystals. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2019 , 234, 415-418	1	5
111	The [U ₂ F ₁₂] ²⁻ Anion of Sr[U ₂ F ₁₂]. <i>Angewandte Chemie</i> , 2018 , 130, 2964-2968	3.6	5
110	[UCl(HCN)] - a hydrogen cyanide complex of uranium tetrachloride. <i>Chemical Communications</i> , 2018 , 54, 1241-1244	5.8	5
109	The Unusual Coordination Sphere in the Octaammine Calcium(II) Ions of [Ca(NH ₃) ₈]Br ₂ and [Ca(NH ₃) ₈]I ₂ and the Thermal Decomposition of the Iodide to [Ca(NH ₃) ₆]I ₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 1141-1148	1	5
108	Tetraammine Tetrafluorido Cerium(IV) Ammonia (1/1), [CeF ₄ (NH ₃) ₄]·NH ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011 , 66, 868-870	1	5
107	Arene-arene stacking in the revised structure of 2,2'-bipyridinium hexafluorophosphate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, o254-6		5

106	Synthesis and Crystal Structure of Tetraamminelithium-Rubidiumtrisenide, $\text{Li}(\text{NH}_3)_4\text{RbSe}_3$, and Pentaamminesodium-Rubidiumtrisenide-Ammonia(1/3), $\text{Na}(\text{NH}_3)_5\text{RbSe}_3 \cdot \frac{1}{3}\text{NH}_3$. <i>Monatshefte für Chemie</i> , 2005 , 136, 119-125	1.4	5
105	Magnetic moment of Pb207 and the hyperfine splitting of Pb81+207. <i>Physical Review Research</i> , 2020 , 2,	3.9	5
104	Proton beam defocusing in AWAKE: comparison of simulations and measurements. <i>Plasma Physics and Controlled Fusion</i> ,	2	5
103	Coexistence of Two Different Distorted Octahedral $[\text{MnF}]$ Sites in $\text{K}[\text{MnF}]$: Manifestation in Spectroscopy and Magnetism. <i>Chemistry - A European Journal</i> , 2021 , 27, 9801-9813	4.8	5
102	Octaammine Eull and YbII Azides and Their Thermal Decompositions to the Nitrides. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4162-4169	2.3	5
101	Synthesis and characterization of the pyridineBromine trifluoride (1/1) complex, $[\text{pyBrF}_3]$. <i>Journal of Fluorine Chemistry</i> , 2018 , 215, 17-24	2.1	5
100	A Revised Structure Model for the UCl Structure Type, Novel Modifications of UCl and UBr, and a Comment on the Modifications of Protactinium Pentabromides. <i>Chemistry - A European Journal</i> , 2019 , 25, 6402-6411	4.8	4
99	Evolutionary Algorithm-based Crystal Structure Prediction for Gold(I) Fluoride. <i>ChemPhysChem</i> , 2020 , 21, 802-808	3.2	4
98	Synthesis and characterization of $\text{LiClO}_4 \cdot \text{H}_2\text{O}$. <i>Monatshefte für Chemie</i> , 2016 , 147, 279-288	1.4	4
97	Synthesis and Characterization of Barium Hexafluoridoosmates. <i>Crystals</i> , 2018 , 8, 11	2.3	4
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