

# Florian Kraus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9273336/publications.pdf>

Version: 2024-02-01

216  
papers

4,410  
citations

136740

32  
h-index

133063

59  
g-index

277  
all docs

277  
docs citations

277  
times ranked

4059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zintl Ions, Cage Compounds, and Intermetalloid Clusters of Group 14 and Group 15 Elements. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3630-3670.	7.2	414
2	Fuel cell catalyst degradation on the nanoscale. <i>Electrochemistry Communications</i> , 2008, 10, 1144-1147.	2.3	309
3	Cloning and expression analysis of the mouse T-box gene Tbx18. <i>Mechanisms of Development</i> , 2001, 100, 83-86.	1.7	208
4	Acceleration of electrons in the plasma wakefield of a proton bunch. <i>Nature</i> , 2018, 561, 363-367.	13.7	162
5	Off the Beaten Track – A Hitchhiker's Guide to Beryllium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10562-10576.	7.2	117
6	P4 <sup>2-</sup> : A 6 <sup>+</sup> Aromatic Polyphosphide in Dicesium Cyclotetraphosphide – Ammonia (1/2). <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4030-4033.	7.2	114
7	Cloning and expression analysis of the mouse T-box gene Tbx20. <i>Mechanisms of Development</i> , 2001, 100, 87-91.	1.7	112
8	[Au <sub>3</sub> Ge <sub>18</sub> ]5 <sup>+</sup> – A Gold – Germanium Cluster with Remarkable Au – Au Interactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1638-1640.	7.2	105
9	Operando Characterization of Intermediates Produced in a Lithium-Sulfur Battery. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1146-A1155.	1.3	103
10	Nature of the Chemical Bond in Polypnictides: The Lone Pair Aromatic Anions P <sub>4</sub> <sup>2-</sup> and As <sub>4</sub> <sup>2-</sup> . <i>Inorganic Chemistry</i> , 2006, 45, 1117-1123.	1.9	85
11	[(MesCu) <sub>2</sub> ( $\mu$ -Si <sub>4</sub> ) <sup>4+</sup> ]: A Mesitylcopper – Stabilized Tetrasilicide Tetraanion. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6611-6615.	7.2	85
12	The Chemical Bond in Polyphosphides: Crystal Structures, the Electron Localization Function, and a New View of Aromaticity in P <sub>4</sub> <sup>2-</sup> and P <sub>5</sub> <sup>3-</sup> . <i>Chemistry - A European Journal</i> , 2005, 11, 5945-5959.	1.7	82
13	Substantial $\pi$ -aromaticity in the anionic heavy-metal cluster [Th@Bi <sub>12</sub> ]4 <sup>-</sup> . <i>Nature Chemistry</i> , 2021, 13, 149-155.	6.6	62
14	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.	7.2	52
15	Reactions of Beryllium Halides in Liquid Ammonia: The Tetraammineberyllium Cation [Be(NH <sub>3</sub> ) <sub>4</sub> ] <sup>2+</sup> , its Hydrolysis Products, and the Action of Be <sup>2+</sup> as a Fluoride – Ion Acceptor. <i>Chemistry - A European Journal</i> , 2012, 18, 2131-2142.	1.7	50
16	Experimental Observation of Plasma Wakefield Growth Driven by the Seeded Self-Modulation of a Proton Bunch. <i>Physical Review Letters</i> , 2019, 122, 054801.	2.9	49
17	Experimental Observation of Proton Bunch Modulation in a Plasma at Varying Plasma Densities. <i>Physical Review Letters</i> , 2019, 122, 054802.	2.9	49
18	Si <sub>9</sub> <sup>4-</sup> Anions in Solution – Structures of the Solvates Rb <sub>4</sub> Si <sub>9</sub> ·4.75NH <sub>3</sub> and [Rb(18 – crown – 6)]Rb <sub>3</sub> Si <sub>9</sub> ·4NH <sub>3</sub> , and Chemical Bonding in Si <sub>9</sub> <sup>4-</sup> . <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4641-4647.	1.0	48

#	ARTICLE	IF	CITATIONS
19	New Nuclear Magnetic Moment of $^{209}\text{Bi}$ : Resolving the Bismuth Hyperfine Puzzle. <i>Physical Review Letters</i> , 2018, 120, 093001.	2.9	47
20	Elements of Metabolic Evolution. <i>Chemistry - A European Journal</i> , 2012, 18, 2063-2080.	1.7	43
21	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.	3.3	43
22	Occurrence of Difluorine $\text{F}_2$ in Nature—In Situ Proof and Quantification by NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7847-7849.	7.2	39
23	On Tetrafluorobromates(III): Crystal Structures of the Dibromate $\text{CsBr}_2\text{F}_7$ and the Monobromate $\text{CsBrF}_4$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2846-2850.	0.6	39
24	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.	0.9	37
25	Auf neuen Pfaden – per Anhalter durch die Berylliumchemie. <i>Angewandte Chemie</i> , 2016, 128, 10718-10733.	1.6	36
26	High cycle life all-solid-state fluoride ion battery with $\text{La}_2\text{NiO}_4$ high voltage cathode. <i>Communications Materials</i> , 2020, 1, .	2.9	36
27	Crown Ether Complexes of Alkali-Metal Chlorides from $\text{SO}_2$ . <i>Chemistry - A European Journal</i> , 2017, 23, 9607-9617.	1.7	35
28	HF-Free Synthesis of $\text{Li}_2\text{SiF}_6:\text{Mn}^{4+}$ : A Red-Emitting Phosphor. <i>Inorganic Chemistry</i> , 2019, 58, 5518-5523.	1.9	33
29	Complexes featuring a linear $[\text{N}_i\text{U}_i\text{N}]$ core isoelectronic to the uranyl cation. <i>Nature Chemistry</i> , 2020, 12, 962-967.	6.6	33
30	Photoluminescence quenching of dye molecules near a resonant silicon nanoparticle. <i>Scientific Reports</i> , 2018, 8, 6107.	1.6	32
31	Chemical Bond in the Cyclic Anions $\text{P}_6\text{As}^-$ and $\text{As}_6\text{As}^-$ : Synthesis, Crystal Structure, and Electron. <i>Inorganic Chemistry</i> , 2005, 44, 7200-7204.	7.2	31
32	A New Route to Metal Azides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13695-13697.	7.2	30
33	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, 3290-3303.	1.7	30
34	Tracing Hydrogen Bonding $\text{Au}\cdots\text{H}\cdots\text{C}$ at Gold Atoms: A Case Study. <i>Inorganic Chemistry</i> , 2013, 52, 9669-9674.	1.9	29
35	$\text{Na}_6\text{ZnSn}_2$ , $\text{Na}_{4.24}\text{K}_{1.76}(1)\text{ZnSn}_2$ , and $\text{Na}_{20}\text{Zn}_8\text{Sn}_{11}$ : Three Intermetallic Structures Containing the Linear $\{\text{Sn}^-\text{Zn}^-\text{Sn}\}_6^-$ Unit. <i>Journal of the American Chemical Society</i> , 2009, 131, 1469-1478.	6.6	27
36	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, 321-325.	1.7	26

#	ARTICLE	IF	CITATIONS
37	Beryllium Diammine Difluoride [BeF <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 257-262.	0.3	26
38	Facile syntheses of pure uranium halides: UCl <sub>4</sub> , UBr <sub>4</sub> and UI <sub>4</sub> . Dalton Transactions, 2017, 46, 5835-5842.	1.6	26
39	The Reactions of Silver, Zirconium, and Hafnium Fluorides with Liquid Ammonia: Syntheses and Crystal Structures of Ag(NH <sub>3</sub> ) <sub>2</sub> F·2NH <sub>3</sub> , [M(NH <sub>3</sub> ) <sub>4</sub> F <sub>4</sub> ]·NH <sub>3</sub> (M = Zr, Hf), and (N <sub>2</sub> H <sub>7</sub> )F. European Journal of Inorganic Chemistry, 2009, 2009, 441-447.	1.0	25
40	Br <sub>2</sub> F <sub>7</sub> <sup>+</sup> and Br <sub>3</sub> F <sub>10</sub> <sup>+</sup> : peculiar anions showing $\frac{1}{4}$ - and $\frac{3}{4}$ -bridging F-atoms. Chemical Communications, 2016, 52, 12040-12043.	2.2	25
41	[Th <sub>10</sub> ( $\frac{1}{4}$ F <sub>16</sub> )( $\frac{1}{4}$ <sup>3-</sup> EO <sub>4</sub> )( $\frac{1}{4}$ <sup>4-</sup> EO <sub>4</sub> )(NH <sub>3</sub> ) <sub>3</sub> ]·NH <sub>3</sub> · <sup>+</sup> the Largest Thorium Complex from Solution known to Date. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1547-1550.	0.6	24
42	RbBrF <sub>4</sub> Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2593-2598.	0.6	22
43	Facile Syntheses of pure Uranium(III) Halides: UF <sub>3</sub> , UCl <sub>3</sub> , UBr <sub>3</sub> , and UI <sub>3</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 323-329.	0.6	22
44	UF <sub>6</sub> and UF <sub>4</sub> in Liquid Ammonia: [UF <sub>7</sub> (NH <sub>3</sub> ) <sub>3</sub> ] <sup>3+</sup> and [UF <sub>4</sub> (NH <sub>3</sub> ) <sub>3</sub> ] <sub>4</sub> . Chemistry - A European Journal, 2009, 15, 8269-8274.	1.7	21
45	Synthesis and Characterization of Barium Tetrafluoridobromate(III) Ba(BrF <sub>4</sub> ) <sub>2</sub> . European Journal of Inorganic Chemistry, 2014, 2014, 6261-6267.	1.0	20
46	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, 8860-8867.	1.9	19
47	MoF <sub>5</sub> revisited. A comprehensive study of MoF <sub>5</sub> . Journal of Fluorine Chemistry, 2018, 211, 171-179.	0.9	19
48	Reduction of 2,2'-Bipyridine by Quasi-Linear 3d-Metal(I) Silylamides: A Structural and Spectroscopic Study. Inorganics, 2019, 7, 117.	1.2	19
49	Nucleation-Controlled Crystallization of a New, Spontaneously Resolved Solvate of [Ru(bpy) <sub>3</sub> ](PF <sub>6</sub> ) <sub>2</sub> and its Desolvation Reaction. Chemistry - A European Journal, 2002, 8, 4454-4460.	1.7	18
50	Isolated cyclo-Tetraarsendiide Anions: Synthesis and Crystal Structures of Bis(tetraamminelithium) tetraarsenide [Li(NH <sub>3</sub> ) <sub>4</sub> ] <sub>2</sub> As <sub>4</sub> , Bis(pentaamminesodium) tetraarsenide ammonia (1/3) [Na(NH <sub>3</sub> ) <sub>5</sub> ] <sub>2</sub> As <sub>4</sub> ·3NH <sub>3</sub> and Bis[(4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo [8.8.8]hexacosan)(cesium, rubidium)] tetraarsenide ammonia (1/2) [Cs <sub>0.35</sub> Rb <sub>0.65</sub> (2,2,2-crypt)] <sub>2</sub> As <sub>4</sub> ·2NH <sub>3</sub> . Monatshefte Für Chemie, 2006, 137, 147-156.	0.9	18
51	Lewis Acidic Behavior of MoOF <sub>4</sub> towards the Alkali Metal Fluorides in Anhydrous Hydrogen Fluoride Solutions. European Journal of Inorganic Chemistry, 2019, 2019, 3672-3682.	1.0	18
52	Crystal Structures of Ag <sub>2</sub> ZrF <sub>6</sub> ·8NH <sub>3</sub> and Ag <sub>2</sub> HfF <sub>6</sub> ·8NH <sub>3</sub> and Their Synthesis by the "Reactive Fluoride Route" in Liquid Ammonia. European Journal of Inorganic Chemistry, 2008, 2008, 3068-3074.	1.0	16
53	[Be(ND <sub>3</sub> ) <sub>4</sub> ]Cl <sub>2</sub> : Synthesis, Characterisation and Space-Group Determination Guided by Solid-State Quantum Chemical Calculations. European Journal of Inorganic Chemistry, 2013, 2013, 4184-4190.	1.0	15
54	High-Pressure Synthesis and Characterization of New Actinide Borates, <i>Actinide</i> B <sub>4</sub> O <sub>8</sub> ( <i>Actinide</i> =Th, U). Chemistry - A European Journal, 2013, 19, 15985-15992.	1.7	15

#	ARTICLE	IF	CITATIONS
55	The Interhalogen Cations $[\text{Br}_2\text{F}_5]^+$ and $[\text{Br}_3\text{F}_8]^+$ . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14640-14644.	7.2	15
56	Synthesis and crystal structures of novel tertiary butyl substituted (pseudo-)halogen bismuthanes. <i>Dalton Transactions</i> , 2019, 48, 5253-5262.	1.6	15
57	Reactions of $\text{Sn}(\text{NMe}_2)_2$ with MPHCCy: The Effects of Alkali Metal Phosphide Coupling (Cy=Cyclohexyl); <i>Tj ETQq1 1 0,784314 rgbT/O</i>	1.7	14
58	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.	1.0	14
59	Trace Determination and Pressure Estimation of Fluorine $\text{F}_2$ Caused by Irradiation Damage in Minerals and Synthetic Fluorides. <i>Chemistry - A European Journal</i> , 2016, 22, 18388-18393.	1.7	14
60	Momentum-resolved observation of ultrafast interlayer charge transfer between the topmost layers of $\text{MoS}_2$ . <i>Physical Review B</i> , 2020, 102, .		13
61	Transition between Instability and Seeded Self-Modulation of a Relativistic Particle Bunch in Plasma. <i>Physical Review Letters</i> , 2021, 126, 164802.	2.9	13
62	Hydrogen Polyphosphides $\text{P}_3\text{H}_2^{3+}$ and $\text{P}_3\text{H}_3^{2+}$ : Synthesis and Crystal Structure of $\text{K}_3(\text{P}_3\text{H}_2)\cdot 2.3\text{NH}_3$ , $\text{Rb}_3(\text{P}_3\text{H}_2)\cdot \text{NH}_3$ , $[\text{Rb}(\text{18-crown-6})]_2(\text{P}_3\text{H}_3)\cdot 7.5\text{NH}_3$ , and $[\text{Ce}(\text{18-crown-6})]_2(\text{P}_3\text{H}_3)\cdot 7\text{NH}_3$ . <i>Inorganic Chemistry</i> , 2012, 51, 12044-12052.	1.9	12
63	$[\text{UO}_2(\text{NH}_3)_3\text{Cl}_2] \cdot \text{NH}_3$ and Their Decomposition Products $[\text{UO}_2\text{Cl}_2(\text{NH}_3)_3]$ and $[\text{UO}_2\text{F}_2(\text{NH}_3)_3]$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 2044-2052.	0.6	12
64	Implications of the Crystal Structure of the Ammonia Solvate $[\text{Au}(\text{NH}_3)_2]\text{Cl}\cdot 4\text{NH}_3$ . <i>Inorganic Chemistry</i> , 2013, 52, 2157-2161.	1.9	12
65	High-Pressure Synthesis and Characterization of the Actinide Borate Phosphate $\text{U}_2[\text{BO}_4][\text{PO}_4]$ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5247-5252.	1.0	12
66	A Simple Access to Pure Thorium(IV) Halides ( $\text{ThCl}_4$ , $\text{ThBr}_4$ , and $\text{ThI}_4$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 2005-2010.	0.6	12
67	Nanosized Gadolinium and Uranium—Two Representatives of High-Reactivity Lanthanide and Actinide Metal Nanoparticles. <i>ACS Omega</i> , 2017, 2, 9144-9149.	1.6	12
68	No aromaticity of $\text{P}_6^{4-}$ observed via solid state $^{31}\text{P}$ -NMR spectroscopy. <i>Chemical Communications</i> , 2006, , 218-219.	2.2	11
69	Higher Ammoniates of $\text{BF}_3$ and $\text{SiF}_4$ : Syntheses, Crystal Structures, and Theoretical Calculations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 414-422.	0.6	11
70	The Diammine Silver(I) Acetate $[\text{Ag}(\text{NH}_3)_2]\text{OAc}$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2643-2647.	0.6	11
71	A new look at $\text{NaBrF}_4$ : the most $\text{BrF}_3$ -rich tetrafluoridobromate(III) by mass. <i>Monatshefte Für Chemie</i> , 2016, 147, 1661-1668.	0.9	11
72	$\text{NOUF}_6$ Revisited: A Comprehensive Study of a Hexafluoridouranate(V) Salt. <i>Chemistry - A European Journal</i> , 2016, 22, 12145-12153.	1.7	11

#	ARTICLE	IF	CITATIONS
73	The Decomposition Products of Sulfur Hexafluoride (SF <sub>6</sub> ) with Metals Dissolved in Liquid Ammonia. <i>Inorganics</i> , 2017, 5, 68.	1.2	11
74	The [U <sub>2</sub> F <sub>12</sub> ] <sup>2+</sup> Anion of Sr[U <sub>2</sub> F <sub>12</sub> ]. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2914-2918.	7.2	11
75	Recent advances in the chemistry of uranium halides in anhydrous ammonia. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 817-844.	0.4	11
76	Coexistence of Two Different Distorted Octahedral [MnF <sub>6</sub> ] <sup>3-</sup> Sites in K <sub>3</sub> [MnF <sub>6</sub> ]: Manifestation in Spectroscopy and Magnetism. <i>Chemistry - A European Journal</i> , 2021, 27, 9801-9813.	1.7	11
77	of $\text{Pb}^{2+}$ and the hyperfine splitting of $\text{Pb}^{2+}$ in $\text{K}_2\text{PbF}_6$ . <i>Chemical Communications</i> , 2015, 51, 11026-11028.	1.3	11
78	Hydrogen Bonds in Potassium Amide-Ammonia(1/2), KNH <sub>2</sub> ·1/2NH <sub>3</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1032-1034.	0.6	10
79	Flexible platform approach for fly-by-wire systems. , 2013, , .		10
80	Hydroborates from Liquid Ammonia: Synthesis and Crystal Structures of [Li(NH <sub>3</sub> ) <sub>4</sub> ] <sub>2</sub> [B <sub>12</sub> H <sub>12</sub> ] <sup>2-</sup> ·8NH <sub>3</sub> , [Rb <sub>2</sub> (B <sub>12</sub> H <sub>12</sub> ) <sup>2-</sup> ·8NH <sub>3</sub> ], [Cs <sub>2</sub> (B <sub>12</sub> H <sub>12</sub> ) <sup>2-</sup> ·6NH <sub>3</sub> ] and [Rb <sub>2</sub> (B <sub>10</sub> H <sub>10</sub> ) <sup>2-</sup> ·5NH <sub>3</sub> ]. <i>Inorganic Chemistry</i> , 2013, 52, 4692-4699.	1.9	10
81	The reactions of HCl <sub>3</sub> and of UF <sub>4</sub> with TiCl <sub>3</sub> in liquid ammonia: unusual coordination spheres in [Ti(NH <sub>3</sub> ) <sub>8</sub> Cl <sub>3</sub> ] <sup>+</sup> ·6NH <sub>3</sub> and [UF(NH <sub>3</sub> ) <sub>8</sub> Cl <sub>3</sub> ] <sup>+</sup> ·3.5NH <sub>3</sub> . <i>Chemical Communications</i> , 2015, 51, 11026-11028.	2.2	10
82	Automated generation of certification relevant documentation for a distributed avionics platform approach. , 2016, , .		10
83	Synthesis and Characterization of [Br <sub>3</sub> ][MF <sub>6</sub> ] (M=Sb, Ir), as well as Quantum Chemical Study of [Br <sub>3</sub> ] <sup>-</sup> + Structure, Chemical Bonding, and Relativistic Effects Compared with [XBr <sub>2</sub> ] <sup>-</sup> + (X=Br, I, At, Ts) and [TsZ <sub>2</sub> ] <sup>-</sup> + (Z=F, Cl, Br, I, At, Ts). <i>Chemistry - A European Journal</i> , 2019, 25, 5793-5802.	1.7	10
84	Synthesis and Characterization of the Tetrafluoridochlorates(III) A [ClF <sub>4</sub> ] (A = K, Rb, Cs). <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1319-1324.	1.0	10
85	Synthetic strategies for efficient conjugation of organometallic complexes with pendant protein reactive markers. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 82-91.	0.8	9
86	Octaammine Eulland YbIIAzides and Their Thermal Decompositions to the Nitrides. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4162-4169.	1.0	9
87	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.	0.6	9
88	A 1D Coordination Polymer of UF <sub>5</sub> with HCN as a Ligand. <i>Chemistry - A European Journal</i> , 2017, 23, 291-295.	1.7	9
89	Die Interhalogenkationen [Br <sub>2</sub> F <sub>5</sub> ] <sup>+</sup> und [Br <sub>3</sub> F <sub>8</sub> ] <sup>+</sup> . <i>Angewandte Chemie</i> , 2018, 130, 14850-14855.	1.6	9
90	HKL5Tools: a program for processing diffraction data of non-merohedrally twinned crystals. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2019, 234, 415-418.	0.4	9

#	ARTICLE	IF	CITATIONS
91	The Crystal Structures of $\text{U}^{2+}$ and $\text{Th}^{2+}$ Revisited. Chemistry - A European Journal, 2019, 25, 3310-3317.	1.7	9
92	C-F Bond Cleavage Reactions with Beryllium, Magnesium, Gallium, Hafnium, and Thorium Halides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1501-1507.	0.6	9
93	Synthesis and Crystal Structure of Cesium Hexamminesodium Decahydro-closo-decaborate-Ammonia(1/1), $\text{Cs}[\text{Na}(\text{NH}_3)_6][\text{B}_{10}\text{H}_{10}]\cdot\frac{1}{2}\text{NH}_3$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 152-154.	0.6	8
94	Dimers of $\text{Ag}^{2+}$ Ions - Synthesis and Characterization of the Quaternary Silver Fluoride $\text{Ag}_2\text{ZnZr}_2\text{F}_{14}$ with $[\text{Ag}_2\text{F}_7]^{3-}$ Units. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1118-1121.	0.6	8
95	Synthesis and Crystal Structure of Triammine Pentafluorido Tantalum(V) $[\text{TaF}_5(\text{NH}_3)_3]$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2586-2588.	0.6	8
96	$[\text{U}_2(\text{NH}_3)_3]_5\text{Br}_2\cdot\text{NH}_3$ : synthesis, crystal structure, and speciation in liquid ammonia solution by first-principles molecular dynamics simulations. Dalton Transactions, 2015, 44, 7332-7337.	1.6	8
97	Synthesis and Characterization of Barium Hexafluoridoosmates. Crystals, 2018, 8, 11.	1.0	8
98	Proton-driven plasma wakefield acceleration in AWAKE. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180418.	1.6	8
99	Reactions of $\text{KBrF}_4$ with platinum metals. Journal of Fluorine Chemistry, 2019, 218, 11-20.	0.9	8
100	Bridgebridged Anions of Bromine and Gold: Predictions of Unexpected Behavior. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 284-291.	0.6	8
101	Evolutionary Algorithm-based Crystal Structure Prediction for Gold(I) Fluoride. ChemPhysChem, 2020, 21, 802-808.	1.0	8
102	Proton beam defocusing in AWAKE: comparison of simulations and measurements. Plasma Physics and Controlled Fusion, 2020, 62, 125023.	0.9	8
103	Experimental study of wakefields driven by a self-modulating proton bunch in plasma. Physical Review Accelerators and Beams, 2020, 23, .	0.6	8
104	mer-Triammine Trifluorido Iron(III), mer- $[\text{FeF}_3(\text{NH}_3)_3]$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 0865.	0.3	8
105	Controlled Growth of the Self-Modulation of a Relativistic Proton Bunch in Plasma. Physical Review Letters, 2022, 129, .	2.9	8
106	Redetermination of the crystal structure of $\text{NbF}_4$ . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1211-1213.	0.2	7
107	$[\text{UCl}_4(\text{HCN})_4]$ - a hydrogen cyanide complex of uranium tetrachloride. Chemical Communications, 2018, 54, 1241-1244.	2.2	7
108	Synthesis and Characterization of Manganese Tetrafluoride $\text{MnF}_4$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1481-1489.	0.6	7

#	ARTICLE	IF	CITATIONS
109	Coordination of trivalent lanthanum and cerium, and tetravalent cerium and actinides (An = Th(IV), Tj ETQq1 1 0.784314 rgBT /Overlocl Transactions, 2021, 50, 3550-3558.	1.6	7
110	Redetermination of the crystal structure of K[BrF <sub>4</sub> ] from single-crystal X-ray diffraction data. IUCrData, 2018, 3, .	0.1	7
111	Areneâ€‘arene stacking in the revised structure of 2,2â€‘bipyridinium hexafluorophosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o254-o256.	0.4	6
112	Synthesis and Crystal Structure of Tetraamminelithium-Rubidiumtriselenide, Li(NH <sub>3</sub> ) <sub>4</sub> RbSe <sub>3</sub> , and Pentaamminesodium-Rubidiumtriselenide-Ammonia(1/3), Na(NH <sub>3</sub> ) <sub>5</sub> RbSe <sub>3</sub> ·½3NH <sub>3</sub> . Monatshefte FÃ¼r Chemie, 2005, 136, 119-125.	0.9	6
113	Crystallographic Studies of Cesium Tetrafluorobromates(III). Procedia Chemistry, 2014, 11, 35-42.	0.7	6
114	Synthesis of the fluorohydridoborate anions [BHF <sub>3</sub> ] <sup>âˆ’</sup> and [1-HF <sub>2</sub> -B-9,12-X <sub>2</sub> -closo-1,2-C <sub>2</sub> B <sub>10</sub> H <sub>9</sub> ] <sup>âˆ’</sup> (X = H, I): deboronation of 1,2- and 1,7-dicarba-closo-dodecaboranes with anhydrous [Me <sub>4</sub> N]F. Chemical Communications, 2016, 52, 13241-13244.	2.2	6
115	The [U <sub>2</sub> F <sub>12</sub> ] <sup>2âˆ’</sup> Anion of Sr[U <sub>2</sub> F <sub>12</sub> ]. Angewandte Chemie, 2018, 130, 2964-2968.	1.6	6
116	Evolutionary Algorithmâ€‘Based Crystal Structure Prediction for Copper(I) Fluoride. Chemistry - A European Journal, 2019, 25, 11528-11537.	1.7	6
117	PbF[Br <sub>2</sub> F <sub>7</sub> ], a Fluoridobromate(III) of a pâ€‘Block Metal. European Journal of Inorganic Chemistry, 2020, 2020, 64-70.	1.0	6
118	Reactions of ClF <sub>3</sub> with Main Group and Transition Metal Oxides: Access to Dioxychloronium(V) Fluoridometallates and Oxidofluoridometallates. European Journal of Inorganic Chemistry, 2021, 2021, 405-421.	1.0	6
119	The First Ammoniates of Alkali Metal Fluorides: Cesium Fluoride Ammonia (3/4) [Cs <sub>3</sub> F <sub>3</sub> (NH <sub>3</sub> ) <sub>4</sub> ] and Ammonium Cesium Difluoride [NH <sub>4</sub> CsF <sub>2</sub> ]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1177-1184.	0.3	5
120	Tetraammine Tetrafluorido Cerium(IV) Ammonia (1/1), [CeF <sub>4</sub> (NH <sub>3</sub> ) <sub>4</sub> ]·NH <sub>3</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 868-870.	0.3	5
121	Otto Ruff and a Fluoride that Changed the World in Many Ways: UF <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 707-709.	0.6	5
122	The Unusual Coordination Sphere in the Octaammine Calcium(II) Ions of [Ca(NH <sub>3</sub> ) <sub>3</sub> ] <sub>8</sub> Br <sub>2</sub> and [Ca(NH <sub>3</sub> ) <sub>3</sub> ] <sub>8</sub> I <sub>2</sub> and the Thermal Decomposition of the Iodide to [Ca(NH <sub>3</sub> ) <sub>3</sub> ] <sub>6</sub> I <sub>2</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1141-1148.	0.3	5
123	A Facile Synthesis of Pure O <sub>2</sub> PtF <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2404-2407.	0.6	5
124	Ammine Complexes of Naâ€‘, Agâ€‘, Mnâ€‘, and Znâ€‘Azides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 796-803.	0.6	5
125	Synthesis and characterization of LiClO <sub>4</sub> ·H <sub>2</sub> O. Monatshefte FÃ¼r Chemie, 2016, 147, 279-288.	0.9	5
126	Li <sub>2</sub> PbF <sub>6</sub> and SrPb <sub>6</sub> Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1721-1726.	0.6	5



#	ARTICLE	IF	CITATIONS
127	Synthesis and characterization of the pyridine–bromine trifluoride (1/1) complex, [py <sup>+</sup> BrF <sub>3</sub> ]. Journal of Fluorine Chemistry, 2018, 215, 17-24.	0.9	5
128	The hyperfine puzzle of strong-field bound-state QED. Hyperfine Interactions, 2019, 240, 1.	0.2	5
129	A Revised Structure Model for the UCl <sub>6</sub> Structure Type, Novel Modifications of UCl <sub>6</sub> and UBr <sub>5</sub> , and a Comment on the Modifications of Protactinium Pentabromides. Chemistry - A European Journal, 2019, 25, 6402-6411.	1.7	5
130	Cs[Cl <sub>3</sub> F <sub>10</sub> ]: A Propeller-Shaped [Cl <sub>3</sub> F <sub>10</sub> ] <sup>+</sup> Anion in a Peculiar A <sup>+</sup> B <sup>+</sup> Structure Type. Angewandte Chemie - International Edition, 2020, 59, 18116-18119.	7.2	5
131	Single-crystal structures of A <sub>2</sub> SiF <sub>6</sub> (A = Tl, Rb, Cs), a better structure model for Tl <sub>3</sub> [SiF <sub>6</sub> ]F, and its novel tetragonal polymorph. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 559-565.	0.3	5
132	Syntheses and Characterization of the Mixed-Valent Manganese(II/III) Fluorides Mn <sub>2</sub> F <sub>5</sub> and Mn <sub>3</sub> F <sub>8</sub> . Inorganic Chemistry, 2021, 60, 12651-12663.	1.9	5
133	Proton Bunch Self-Modulation in Plasma with Density Gradient. Physical Review Letters, 2020, 125, 264801.	2.9	5
134	Tetraammine Tetrafluorido Cerium(IV) Ammonia (1/1), [CeF <sub>4</sub> (NH <sub>3</sub> ) <sub>4</sub> ] · NH <sub>3</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 0868.	0.3	5
135	K <sub>2</sub> Li(NH <sub>2</sub> ) <sub>3</sub> and K <sub>2</sub> Na(NH <sub>2</sub> ) <sub>3</sub> —synthesis and crystal structure of two crystal-chemically isotypic mixed-cationic amides. Journal of Solid State Chemistry, 2005, 178, 1241-1246.	1.4	4
136	The Complex Amide K <sub>2</sub> [Zr(NH <sub>2</sub> ) <sub>2</sub> ] <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1122-1130.	0.6	4
137	Fluorine chemistry meets liquid ammonia. Bioinorganic Reaction Mechanisms, 2012, 8, .	0.5	4
138	Dissolving the insoluble: CdF <sub>2</sub> and moist ammonia form cadmium(II) difluoride monohydrate—synthesis and crystal structure of [Cd(NH <sub>3</sub> ) <sub>6</sub> ]F <sub>2</sub> · H <sub>2</sub> O. Monatshefte Für Chemie, 2012, 143, 1097-1100.	0.9	4
139	The Hexaammine Copper(II) Fluoride Monohydrate [Cu(NH <sub>3</sub> ) <sub>6</sub> ][F(H <sub>2</sub> O)F]: Synthesis and Crystal Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1-7.	0.3	4
140	Binary Lead Fluoride Pb <sub>3</sub> F <sub>8</sub> . Chemistry - A European Journal, 2019, 25, 15656-15661.	1.7	4
141	Crystal Structures of <sup>1</sup> N- and <sup>2</sup> N-Nitrogen Trifluoride. Inorganic Chemistry, 2019, 58, 6422-6430.	1.9	4
142	Targeting Vacancies in Nitridosilicates: Aliovalent Substitution of M <sup>2+</sup> (M=Ca, Sr) by Sc <sup>3+</sup> and U <sup>3+</sup> . Angewandte Chemie - International Edition, 2019, 58, 840-843.	7.2	4
143	The Crystal Structure of MnF <sub>3</sub> Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 882-888.	0.6	4
144	Synthesis and Characterization of A [W <sub>2</sub> O <sub>2</sub> F <sub>9</sub> ] (A = Li – Cs). European Journal of Inorganic Chemistry, 2020, 2020, 2260-2269.	1.0	4

#	ARTICLE	IF	CITATIONS
145	Photochemical Synthesis of Tungsten Pentafluoride, WF <sub>5</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 218-224.	0.6	4
146	Plasmachemical synthesis of the binary hexafluorides of Mo, Os, Ir, Te, and U. Journal of Fluorine Chemistry, 2021, 249, 109862.	0.9	4
147	Mn(IV)-Substituted Metal(II) Hexafluorido Metallates(IV): Synthesis, Crystal Structures, and Luminescence Properties. European Journal of Inorganic Chemistry, 2021, 2021, 3861-3869.	1.0	4
148	KLiSiF <sub>6</sub> and CsLiSiF <sub>6</sub> – A Structure Investigation. European Journal of Inorganic Chemistry, 2021, 2021, 62-70.	1.0	4
149	The Good Reasons for a Standard Periodic Table of the Chemical Elements. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	4
150	Crystal structure of Cs <sub>2</sub> [Th(NO <sub>3</sub> ) <sub>6</sub> ]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 98-100.	0.2	3
151	Bis(triphenylphosphine)silver(I) perrhenate, a cyclic dimer. Chemical Communications, 2015, 51, 6746-6748.	2.2	3
152	Crystal structure of Ag <sub>2</sub> ( $\frac{1}{4}$ -SCN) <sub>2</sub> (NH <sub>3</sub> ) <sub>4</sub> . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 881-883.	0.2	3
153	Rb <sub>2</sub> [U(NH <sub>2</sub> ) <sub>6</sub> ], a Rubidium Hexaamidouranate(IV) obtained from the Reaction of U <sub>3</sub> with RbNH <sub>2</sub> in Anhydrous Ammonia. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1023-1029.	0.6	3
154	Synthesis and Crystal Structures of Transition Metal(II) Fluoridometallate(IV) Hydrates of Neptunium and Plutonium: A II M IV F <sub>6</sub> · 3H <sub>2</sub> O (A II = Mn, Zn; M IV = Np, Pu). European Journal of Inorganic Chemistry, 2020, 2020, 2279-2284.	1.0	3
155	Photochemistry with Chlorine Trifluoride: Syntheses and Characterization of Difluoroxychloronium(V) Hexafluorido(non)metallates(V), [ClOF <sub>2</sub> ] <i>M</i> F <sub>6</sub> ( <i>M</i> =V, Nb, Ta, Ru, Os, Ir, P, Sb). Chemistry - A European Journal, 2021, 27, 2381-2392.	1.7	3
156	Simulation and experimental study of proton bunch self-modulation in plasma with linear density gradients. Physical Review Accelerators and Beams, 2021, 24, .	0.6	3
157	Experimental study of extended timescale dynamics of a plasma wakefield driven by a self-modulated proton bunch. Physical Review Accelerators and Beams, 2021, 24, .	0.6	3
158	Crystal structure of [UO <sub>2</sub> (NH <sub>3</sub> ) <sub>5</sub> NO <sub>3</sub> · NH <sub>3</sub> ]. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1710-1713.	0.2	3
159	Caesium Tetrachlorido Aurate(III), CsAuCl <sub>4</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 0871.	0.3	3
160	Caesium Tetrachlorido Aurate(III), CsAuCl <sub>4</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 871-872.	0.3	2
161	Bis(triphenylphosphine)gold(I) Perrhenate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 1173-1179.	0.3	2
162	Li <sub>2</sub> PtF <sub>6</sub> revisited. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, i43-i43.	0.2	2

#	ARTICLE	IF	CITATIONS
163	Crystal structure of [Co(NH <sub>3</sub> ) <sub>6</sub> ][Co(CO) <sub>4</sub> ] <sub>2</sub> . Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1418-1420.	0.2	2
164	<i>mer</i> -Triammine trifluorido vanadium(III), <i>mer</i> -[VF <sub>3</sub> (NH <sub>3</sub> ) <sub>3</sub> ]: synthesis and crystal structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 161-164.	0.3	2
165	Na <sub>2</sub> PtF <sub>6</sub> , its Crystal Structure, Characterization, and Ammonolysis to [Na(NH <sub>3</sub> ) <sub>3</sub> ] <sub>2</sub> [PtF <sub>6</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 298-303.	0.6	2
166	Targeting Vacancies in Nitridosilicates: Aliovalent Substitution of M <sup>2+</sup> (M=Ca, Sr) by Sc <sup>3+</sup> and U <sup>3+</sup> . Angewandte Chemie, 2019, 131, 850-853.	1.6	2
167	A spatially separated [KBr <sub>6</sub> ] <sup>5-</sup> anion in the cyanido-bridged uranium(IV) compound [U <sub>2</sub> (CN) <sub>3</sub> (NH <sub>3</sub> ) <sub>14</sub> ] <sup>5+</sup> [KBr <sub>6</sub> ] <sub>5</sub> ·2NH <sub>3</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 111-116.	0.3	2
168	Synthesis and Characterization of the Hexafluoridomolybdates(V) A [MoF <sub>6</sub> ] (A = Li–Cs). European Journal of Inorganic Chemistry, 2020, 2020, 1834-1843.	1.0	2
169	Reactions of ThX <sub>4</sub> (X=F, Cl, Br, I) with Liquid Ammonia—Crystal Structures and a Theoretical Study of Ammine Thorium(IV) Halide Ammoniates. European Journal of Inorganic Chemistry, 2021, 2021, 2787-2796.	1.0	2
170	Reactions of [SiF <sub>4</sub> (NH <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> with Fluorides AF (A = Li–Cs, Tl, Tl) ETQq0 0 0 rgBT /Overlock 10 Tf [NH <sub>4</sub> (NH <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> Cation and a Thallophilic Interaction in [Ti <sub>2</sub> (NH <sub>3</sub> ) <sub>6</sub> ] <sup>2+</sup> . Inorganic Chemistry, 2021, 60, 15031-15040.	1.9	2
171	Rubidium tetrafluoridobromate(III): redetermination of the crystal structure from single-crystal X-ray diffraction data. IUCrData, 2019, 4, .	0.1	2
172	Redetermination of the crystal structure of caesium tetrafluoridobromate(III) from single-crystal X-ray diffraction data. IUCrData, 2020, 5, .	0.1	2
173	DFT-Guided Crystal Structure Redetermination and Lattice Dynamics of the Intermetallic Actinoid Compound U <sub>2</sub> . Inorganic Chemistry, 2021, 60, 16686-16699.	1.9	2
174	Difluorochloronium(III) Fluoridometallates from Molecular Building Blocks to (Helical) Chains. European Journal of Inorganic Chemistry, 2020, 2020, 4483-4496.	1.0	2
175	Preparation of Two Quantum—Chemically Predicted, Isomeric [Br <sub>4</sub> F <sub>13</sub> ] <sup>-</sup> Anions in the Solid State. European Journal of Inorganic Chemistry, 2020, 2020, 4568-4576.	1.0	2
176	Photochemistry with ClF <sub>3</sub> —An Access to [ClO <sub>2</sub> ] <sup>+</sup> Salts. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	2
177	<i>mer</i> -Triammine Trifluorido Iron(III), <i>mer</i> -[FeF <sub>3</sub> (NH <sub>3</sub> ) <sub>3</sub> ]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 865-867.	0.3	1
178	The Fluoroperovskite TiMnF <sub>3</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1557-1561.	0.6	1
179	UF <sub>4</sub> and the High—Pressure Polymorph HP—UF <sub>4</sub> . Chemistry - A European Journal, 2019, 25, 7366-7374.	1.7	1
180	Half-metallicity in uranium intermetallics: crystal structure prediction of a high-pressure phase of UCo. Journal of Physics Condensed Matter, 2019, 31, 025501.	0.7	1

#	ARTICLE	IF	CITATIONS
181	Reductive photo-chemical separation of the hexafluorides of uranium and molybdenum. Journal of Fluorine Chemistry, 2020, 240, 109655.	0.9	1
182	Laboratory synthesis and characterization of Knasibfite $K_3Na_4[SiF_6]_3[BF_4]$ and the homologous Ge compound $K_3Na_4[GeF_6]_3[BF_4]$ . Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 247-254.	0.4	1
183	Cs $[Cl_3F_{10}]$ : Eine Verbindung mit propellerförmigem $[Cl_3F_{10}]^-$ Anion, die im außergewöhnlichen A $[5]B[5]$ Strukturtyp kristallisiert. Angewandte Chemie, 2020, 132, 18272-18276.	1.6	1
184	Temperature dependent crystal structure re-determination and electronic properties of UI 3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	1
185	Barium bis[tetrafluoridobromate(III)]. IUCrData, 2021, 6, .	0.1	1
186	Alkali Metal Hexafluorido Plumbates(IV) $A_2[PbF_6]$ ( $A=Na\sim Cs$ ) and Luminescence of the $Mn^{4+}$ substituted Compounds $A_2[PbF_6]_xMn_{1-x}$ ( $A=Li\sim Cs$ ) and $Li_2[MF_6]_xMn_{1-x}$ ( $M=Ti, Ge, Sn$ ). European Journal of Inorganic Chemistry, 2021, 2021, 3870.		
187	Von elementarem Fluor und gewagten Experimenten. Nachrichten Aus Der Chemie, 2019, 67, 54-58.	0.0	1
188	$\mu$ -Oxido-bis(pentammine iron(III))-chloride-ammonia(1/8), $[Fe_2(\mu-O)(NH_3)_{10}]Cl_4 \cdot 8NH_3$ (In German). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 0784.	0.3	1
189	Redetermination of the crystal structure of ThI $_4$ . IUCrData, 2018, 3, .	0.1	1
190	A Molecular Octafluoridoneptunate(IV) Anion in $(NH_4)_4[NpF_8]$ and Theoretical Investigations of the $[MF_8]^{4-}$ System ( $M=Th\sim Bk$ ). European Journal of Inorganic Chemistry, 2020, 2020, 3753-3759.	1.0	1
191	P42-: A 6- Aromatic Polyphosphide in Dicesium Cyclotetraphosphide-Ammonia (1/2).. ChemInform, 2003, 34, no.	0.1	0
192	Synthesis and Crystal Structure of Cesium Hexamminesodium Decahydro-closo-decaborate-Ammonia(1/1), $Cs[Na(NH_3)_6][B_{10}H_{10}] \cdot NH_3$ . ChemInform, 2005, 36, no-no.	0.1	0
193	Hydrogen Bonds in Potassium Amide-Ammonia(1/2), $KNH_2 \cdot 2NH_3$ . ChemInform, 2005, 36, no.	0.1	0
194	Chemical Bond in the Cyclic Anions $P_6^{4-}$ and $As_6^{4-}$ : Synthesis, Crystal Structure, and Electron Localization Function of $\{Rb([18]crown-6)\}_2Rb_2As_6 \cdot 6NH_3$ . ChemInform, 2006, 37, no.	0.1	0
195	$\mu_4$ -Oxido-bis(pentammineisen(III))-tetrachlorid-Ammoniak(1/8), $[Fe_2(\mu_4-O)(NH_3)_{10}]Cl_4 \cdot 8NH_3$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 784-792.	0.3	0
196	Synthesis of a Tri(gold)boride Complex $(Cy)_3P[B(AuP(o-Tol))_3]_3$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 1321-1326.	0.3	0
197	Structural Methods in Molecular Inorganic Chemistry. Von D. W. Rankin, Norbert Mitzel und Carole Morrison.. Angewandte Chemie, 2013, 125, 8358-8359.	1.6	0
198	Simultaneous Fluorination and Oxidation of Iridium by Metal Tetrafluorobromates. Procedia Chemistry, 2014, 11, 43-48.	0.7	0

#	ARTICLE	IF	CITATIONS
199	Comment on "Fluorine in Shark Teeth: Its Direct Atomic-Resolution Imaging and Strengthening Function" <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5502-5503.	7.2	0
200	Comment on "Fluorine in Shark Teeth: Its Direct Atomic-Resolution Imaging and Strengthening Function" <i>Angewandte Chemie</i> , 2014, 126, 5606-5607.	1.6	0
201	Preparation of $\text{SiF}_4(\text{NH}_3)_2$ and Its Higher Ammoniate $\text{SiF}_4(\text{NH}_3)_2 \cdot 2\text{NH}_3$ , 2016, , 395-397.		0
202	Frontispiece: Trace Determination and Pressure Estimation of Fluorine $\text{F}_2$ Caused by Irradiation Damage in Minerals and Synthetic Fluorides. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
203	A Neutron Diffraction and Quantum-Chemical Study of $[\text{Mn}(\text{ND}_3)_6](\text{N}_3)_2$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1349-1353.	0.6	0
204	In celebration of the 70 th Birthday of Professor Bernd Harbrecht. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1465-1465.	0.6	0
205	Reactions in Anhydrous Liquid Ammonia: Syntheses and Crystal Structures of $[\text{M}(\text{NH}_3)_8]\text{I}_2$ (M = Eu, Tj) <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1396-1402.	0.6	0
206	About $\text{F}_2$ , 2021, , 5-14.		0
207	High Thermoelectric Properties in the Sodalite Compounds $\text{BaGe}_8\text{As}_{14}$ and $\text{AGe}_7\text{As}_{15}$ (A = Rb, Cs). <i>Chemistry of Materials</i> , 0, , .	3.2	0
208	Crystal structure of $[\text{Ag}(\text{NH}_3)_3]_2[\text{Ag}(\text{NH}_3)_2]_2[\text{SnF}_6]\text{F}_2$ , a compound showing argentophilic interactions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1860-1863.	0.2	0
209	Redetermination of the crystal structure of $\text{K}_2\text{Hg}(\text{SCN})_4$ . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1073-1075.	0.2	0
210	A brief visit to the $\text{BeCl}_2/\text{ZnCl}_2$ system and the prediction of a new polymorph of $\text{ZnCl}_2$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 491-496.	0.3	0
211	Synthesis and Characterization of the Hexafluoridomolybdates(V) $[\text{MoF}_6]$ (A = Li - Cs). <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1820-1820.	1.0	0
212	Rerefinement of the crystal structure of trichloridosulfonium(IV) hexachloridouranate(V), $(\text{SCl}_3)[\text{UCl}_6]$ . <i>IUCrData</i> , 2020, 5, .	0.1	0
213	Synthesis and crystal structure of triethylammonium hexabromidouranate(IV) dichloromethane monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1587-1590.	0.2	0
214	Analysis of proton bunch parameters in the AWAKE experiment. <i>Journal of Instrumentation</i> , 2021, 16, P11031.	0.5	0
215	A Symmetric $\text{F} \cdots \text{H} \cdots \text{F}$ Hydrogen Bond in Strontium Bifluoride, $\text{Sr}[\text{HF}_2]_2$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , e202100374.	0.6	0
216	Surprises in the Solvent-Induced Self-Ionization in the Uranium Tetrahalide $\text{UX}_4$ (X = Cl, Tj) <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1860-1863.	0.6	0