

# Florian Kraus

## List of Publications by Year in descending order

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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	The Good Reasons for a Standard Periodic Table of the Chemical Elements. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	0.6	4
2	Surprises in the Solvent-Induced Self-Ionization in the Uranium Tetrahalide $UX_4$ ( $X = Cl, I$ ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.8	10
3	Controlled Growth of the Self-Modulation of a Relativistic Proton Bunch in Plasma. <i>Physical Review Letters</i> , 2022, 129, .	2.9	8
4	Photochemical Synthesis of Tungsten Pentafluoride, WF <sub>5</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 218-224.	0.6	4
5	Substantial $\pi$ -aromaticity in the anionic heavy-metal cluster $[Th@Bi_{12}]^{4-}$ . <i>Nature Chemistry</i> , 2021, 13, 149-155.	6.6	62
6	Photochemistry with Chlorine Trifluoride: Syntheses and Characterization of Difluoroxychloronium(V) Hexafluorido(non)metallates(V), $[ClOF_2]_2[MX_6]$ ( $M = V, Nb, Ta, Ru, Os, Ir, P, Sb$ ). <i>Chemistry - A European Journal</i> , 2021, 27, 2381-2392.	1.7	3
7	Single-crystal structures of $A_2SiF_6$ ( $A = Tl, Rb, Cs$ ), a better structure model for $Tl_3[SiF_6]F$ , and its novel tetragonal polymorph. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, 76, 559-565.	0.3	5
8	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
9	Coexistence of Two Different Distorted Octahedral $[Mn_6]^{3+}$ Sites in $K_3[Mn_6]$ : Manifestation in Spectroscopy and Magnetism. <i>Chemistry - A European Journal</i> , 2021, 27, 9801-9813.	1.7	11
10	Reactions of $ThX_4$ ( $X = F, Cl, Br, I$ ) with Liquid Ammonia: Crystal Structures and a Theoretical Study of Ammine Thorium(IV) Halide Ammoniates. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2787-2796.	1.0	2
11	Barium bis[tetrafluoridobromate(III)]. <i>IUCrData</i> , 2021, 6, .	0.1	1
12	Syntheses and Characterization of the Mixed-Valent Manganese(II/III) Fluorides $Mn_2F_5$ and $Mn_3F_8$ . <i>Inorganic Chemistry</i> , 2021, 60, 12651-12663.	1.9	5
13	Alkali Metal Hexafluorido Plumbates(IV) $A_2[PbF_6]$ ( $A = Na^+Cs$ ) and Luminescence of the $Mn^{4+}$ substituted Compounds $A_2[PbF_6] \cdot nMn$ ( $A = Li^+Cs$ ) and $Li_2[M_2F_6] \cdot nMn$ ( $M = Ti, Ge, Sn$ ). <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3870.	1.0	2
14	Reactions of $[SiF_4](NH_3)_2$ with Fluorides $AF$ ( $A = Li^+Cs, Tl$ ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.9	2
15	$[NH_4](NH_3)_2$ Cation and a Thallophilic Interaction in $Tl_2(NH_3)_6$ . <i>Inorganic Chemistry</i> , 2021, 60, 15031-15040.	1.9	2
16	Plasmachemical synthesis of the binary hexafluorides of Mo, Os, Ir, Te, and U. <i>Journal of Fluorine Chemistry</i> , 2021, 249, 109862.	0.9	4
17	$Mn(IV)$ substituted Metal(II) Hexafluorido Metallates(IV): Synthesis, Crystal Structures, and Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3861-3869.	1.0	4
18	Simulation and experimental study of proton bunch self-modulation in plasma with linear density gradients. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	0.6	3
18	Experimental study of extended timescale dynamics of a plasma wakefield driven by a self-modulated proton bunch. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	0.6	3

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19	About F2., 2021, , 5-14.		0
20	Coordination of trivalent lanthanum and cerium, and tetravalent cerium and actinides (An = Th(IV),) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Transactions, 2021, 50, 3550-3558.	1.6	7
21	KLiSiF 6 and CsLiSiF 6 " A Structure Investigation. European Journal of Inorganic Chemistry, 2021, 2021, 62-70.	1.0	4
22	Reactions of ClF 3 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
23	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
24	Analysis of proton bunch parameters in the AWAKE experiment. Journal of Instrumentation, 2021, 16, P11031.	0.5	0
25	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> ] <sup>5-</sup> ·2NH <sub>3</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 111-116.	0.3	2
26	PbF[Br 2 F 7 ], a Fluoridobromate(III) of a Block Metal. European Journal of Inorganic Chemistry, 2020, 2020, 64-70.	1.0	6
27	Reductive photo-chemical separation of the hexafluorides of uranium and molybdenum. Journal of Fluorine Chemistry, 2020, 240, 109655.	0.9	1
28	In celebration of the 70 th Birthday of Professor Bernd Harbrecht. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1465-1465.	0.6	0
29	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
30	Reactions in Anhydrous Liquid Ammonia: Syntheses and Crystal Structures of [ M (NH 3 ) 8 ]I 2 ( M = Eu,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Und Allgemeine Chemie, 2020, 646, 1396-1402.	0.6	0
31	Complexes featuring a linear [Nâ%Uâ%N] core isoelectronic to the uranyl cation. Nature Chemistry, 2020, 12, 962-967.	6.6	33
32	Momentum-resolved observation of ultrafast interlayer charge transfer between the topmost layers of $\text{MoS}_2$ . xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi>1.1</mml:mi></mml:msub></mml:mrow></mml:math>. mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	1.1	13
33	The Crystal Structure of MnF <sub>3</sub> Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 882-888.	0.6	4
34	High cycle life all-solid-state fluoride ion battery with La <sub>2</sub> NiO <sub>4</sub> +d high voltage cathode. Communications Materials, 2020, 1, .	2.9	36
35	Synthesis and Characterization of the Hexafluoridomolybdates(V) A [MoF 6 ] ( A = Li " Cs). European Journal of Inorganic Chemistry, 2020, 2020, 1834-1843.	1.0	2
36	Laboratory synthesis and characterization of Knasibfite K <sub>3</sub> Na <sub>4</sub> [SiF <sub>6</sub> ] <sub>3</sub> [BF <sub>4</sub> ] and the homologous Ge compound K <sub>3</sub> Na <sub>4</sub> [GeF <sub>6</sub> ] <sub>3</sub> [BF <sub>4</sub> ]. Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 247-254.	0.4	1

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37	Synthesis and Crystal Structures of Transition Metal(II) Fluoridometallate(IV) Hydrates of Neptunium and Plutonium: $A II M IV F_6 \cdot 3H_2O$ ( $A II = Mn, Zn; M IV = Np, Pu$ ). European Journal of Inorganic Chemistry, 2020, 2020, 2279-2284.	1.0	3
38	$Cs[Cl_3F_{10}]$ : A Propeller-Shaped $[Cl_3F_{10}]^{\sim}$ Anion in a Peculiar $A^{sup}[5]B^{sup}[5]$ Structure Type. Angewandte Chemie - International Edition, 2020, 59, 18116-18119.	7.2	5
39	$Cs[Cl_3F_{10}]$ : Eine Verbindung mit propellerförmigem $[Cl_3F_{10}]^{\sim}$ Anion, die im außergewöhnlichen $A[5]B[5]$ Strukturtyp kristallisiert. Angewandte Chemie, 2020, 132, 18272-18276.	1.6	1
40	Synthesis and Characterization of the Tetrafluoridochlorates(III) $A[ClF_4]$ ( $A = K, Rb, Cs$ ). European Journal of Inorganic Chemistry, 2020, 2020, 1319-1324.	1.0	10
41	$C\sim H$ Bond Activation by an Imido Cobalt(III) and the Resulting Amido Cobalt(II) Complex. Angewandte Chemie - International Edition, 2020, 59, 8527-8531.	7.2	52
42	$C\sim F$ Bond Cleavage Reactions with Beryllium, Magnesium, Gallium, Hafnium, and Thorium Halides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1501-1507.	0.6	9
43	Evolutionary Algorithm-based Crystal Structure Prediction for Gold(I) Fluoride. ChemPhysChem, 2020, 21, 802-808.	1.0	8
44	Synthesis and Characterization of $A[W_2O_2F_9]$ ( $A = Li \sim Cs$ ). European Journal of Inorganic Chemistry, 2020, 2020, 2260-2269.	1.0	4
45	Synthesis and Characterization of Manganese Tetrafluoride $\hat{2}MnF_4$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1481-1489.	0.6	7
46	Proton beam defocusing in AWAKE: comparison of simulations and measurements. Plasma Physics and Controlled Fusion, 2020, 62, 125023.	0.9	8
47	Experimental study of wakefields driven by a self-modulating proton bunch in plasma. Physical Review Accelerators and Beams, 2020, 23, .	0.6	8
48	Proton Bunch Self-Modulation in Plasma with Density Gradient. Physical Review Letters, 2020, 125, 264801.	2.9	5
49	magnetic moment of $Pb$ and the hyperfine splitting of $Pb$	1.3	11
50	Redetermination of the crystal structure of caesium tetrafluoridobromate(III) from single-crystal X-ray diffraction data. IUCrData, 2020, 5, .	0.1	2
51	A brief visit to the $BeCl_2/ZnCl_2$ system and the prediction of a new polymorph of $ZnCl_2$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 491-496.	0.3	0
52	Synthesis and Characterization of the Hexafluoridomolybdates(V) $A[MoF_6]$ ( $A = Li - Cs$ ). European Journal of Inorganic Chemistry, 2020, 2020, 1820-1820.	1.0	0
53	Rerefinement of the crystal structure of trichloridosulfonium(IV) hexachloridouranate(V), $(SCl_3)[UCl_6]$ . IUCrData, 2020, 5, .	0.1	0
54	Synthesis and crystal structure of triethylammonium hexabromidouranate(IV) dichloromethane monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1587-1590.	0.2	0

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55	Difluorochloronium(III) Fluoridometallates “ from Molecular Building Blocks to (Helical) Chains. European Journal of Inorganic Chemistry, 2020, 2020, 4483-4496.	1.0	2
56	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
57	A Molecular Octafluoridoneptunate(IV) Anion in (NH <sub>4</sub> ) <sub>4</sub> [NpF <sub>8</sub> ] and Theoretical Investigations of the [M <sub>2</sub> F <sub>8</sub> ] <sup>4-</sup> System (M = Th, Bk). European Journal of Inorganic Chemistry, 2020, 2020, 3753-3759.	1.0	1
58	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
59	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
60	Evolutionary Algorithm-Based Crystal Structure Prediction for Copper(I) Fluoride. Chemistry - A European Journal, 2019, 25, 11528-11537.	1.7	6
61	Proton-driven plasma wakefield acceleration in AWAKE. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180418.	1.6	8
62	Binary Lead Fluoride Pb <sub>3</sub> F <sub>8</sub> . Chemistry - A European Journal, 2019, 25, 15656-15661.	1.7	4
63	Reduction of 2,2'-Bipyridine by Quasi-Linear 3d-Metal(I) Silylamides: A Structural and Spectroscopic Study. Inorganics, 2019, 7, 117.	1.2	19
64	HKLF5Tools: a program for processing diffraction data of non-merohedrally twinned crystals. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 415-418.	0.4	9
65	The hyperfine puzzle of strong-field bound-state QED. Hyperfine Interactions, 2019, 240, 1.	0.2	5
66	Crystal Structures of <sup>15</sup> N- and <sup>14</sup> N-Nitrogen Trifluoride. Inorganic Chemistry, 2019, 58, 6422-6430.	1.9	4
67	HF-Free Synthesis of Li <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> : A Red-Emitting Phosphor. Inorganic Chemistry, 2019, 58, 5518-5523.	1.9	33
68	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
69	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
70	Synthesis and crystal structures of novel tertiary butyl substituted (pseudo-)halogen bismuthanes. Dalton Transactions, 2019, 48, 5253-5262.	1.6	15
71	Experimental Observation of Plasma Wakefield Growth Driven by the Seeded Self-Modulation of a Proton Bunch. Physical Review Letters, 2019, 122, 054801.	2.9	49
72	Experimental Observation of Proton Bunch Modulation in a Plasma at Varying Plasma Densities. Physical Review Letters, 2019, 122, 054802.	2.9	49

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73	Synthesis and Characterization of $[Br_3][MF_6]$ (M=Sb, Ir), as well as Quantum Chemical Study of $[Br_3] +$ Structure, Chemical Bonding, and Relativistic Effects Compared with $[XBr_2] +$ (X=Br, I, At, Ts) and $[TsZ_2] +$ (Z=F, Cl, Br, I, At, Ts). <i>Chemistry - A European Journal</i> , 2019, 25, 5793-5802.	1.7	10
74	Half-metallicity in uranium intermetallics: crystal structure prediction of a high-pressure phase of UCo. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 025501.	0.7	1
75	Targeting Vacancies in Nitridosilicates: Aliovalent Substitution of $M^{2+}$ (M=Ca, Sr) by $Sc^{3+}$ and $U^{3+}$ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 840-843.	7.2	4
76	The Crystal Structures of $U_2F_{12}$ and $U_2F_{10}$ Revisited. <i>Chemistry - A European Journal</i> , 2019, 25, 3310-3317.	1.7	9
77	Reactions of $KBrF_4$ with platinum metals. <i>Journal of Fluorine Chemistry</i> , 2019, 218, 11-20.	0.9	8
78	$f$ -bridged Anions of Bromine and Gold: Predictions of Unexpected Behavior. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 284-291.	0.6	8
79	Von elementarem Fluor und gewagten Experimenten. <i>Nachrichten Aus Der Chemie</i> , 2019, 67, 54-58.	0.0	1
80	Rubidium tetrafluoridobromate(III): redetermination of the crystal structure from single-crystal X-ray diffraction data. <i>IUCrData</i> , 2019, 4, .	0.1	2
81	New Nuclear Magnetic Moment of $^{209}Bi$ : Resolving the Bismuth Hyperfine Puzzle. <i>Physical Review Letters</i> , 2018, 120, 093001.	2.9	47
82	Photoluminescence quenching of dye molecules near a resonant silicon nanoparticle. <i>Scientific Reports</i> , 2018, 8, 6107.	1.6	32
83	The $[U_2F_{12}]^{2-}$ Anion of $Sr[U_2F_{12}]$ . <i>Angewandte Chemie</i> , 2018, 130, 2964-2968.	1.6	6
84	$[UCl_4(HCN)_4]$ – a hydrogen cyanide complex of uranium tetrachloride. <i>Chemical Communications</i> , 2018, 54, 1241-1244.	2.2	7
85	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
86	The $[U_2F_{12}]^{2-}$ Anion of $Sr[U_2F_{12}]$ . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2914-2918.	7.2	11
87	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.	0.6	22
88	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
89	$Li_2PbF_6$ and $SrPbF_6$ Revisited. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1721-1726.	0.6	5
90	The Fluoroperovskite $TlMnF_3$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1557-1561.	0.6	1

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91	Acceleration of electrons in the plasma wakefield of a proton bunch. <i>Nature</i> , 2018, 561, 363-367.	13.7	162
92	Synthesis and characterization of the pyridine- $\pi$ -bromine trifluoride (1/1) complex, [py $\pi$ -BrF <sub>3</sub> ]. <i>Journal of Fluorine Chemistry</i> , 2018, 215, 17-24.	0.9	5
93	The Interhalogen Cations [Br <sub>2</sub> F <sub>5</sub> ] <sup>+</sup> and [Br <sub>3</sub> F <sub>8</sub> ] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14640-14644.	7.2	15
94	Synthesis and Characterization of Barium Hexafluoridoosmates. <i>Crystals</i> , 2018, 8, 11.	1.0	8
95	MoF <sub>5</sub> revisited. A comprehensive study of MoF <sub>5</sub> . <i>Journal of Fluorine Chemistry</i> , 2018, 211, 171-179.	0.9	19
96	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
97	A Neutron Diffraction and Quantum-Chemical Study of [Mn(ND <sub>3</sub> ) <sub>6</sub> ](N <sub>3</sub> ) <sub>2</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1349-1353.	0.6	0
98	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
99	Redetermination of the crystal structure of K[BrF <sub>4</sub> ] from single-crystal X-ray diffraction data. <i>IUCrData</i> , 2018, 3, .	0.1	7
100	Redetermination of the crystal structure of ThI <sub>4</sub> . <i>IUCrData</i> , 2018, 3, .	0.1	1
101	Facile syntheses of pure uranium halides: UCl <sub>4</sub> , UBr <sub>4</sub> and UI <sub>4</sub> . <i>Dalton Transactions</i> , 2017, 46, 5835-5842.	1.6	26
102	Crown Ether Complexes of Alkali-Metal Chlorides from SO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2017, 23, 9607-9617.	1.7	35
103	Syntheses and Crystal Structures of Sodium Hydrogen Fluorides NaF $\cdot$ nHF (n = 2, 3, 4). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1436-1443.	0.6	9
104	A Simple Access to Pure Thorium(IV) Halides (ThCl <sub>4</sub> , ThBr <sub>4</sub> , and ThI <sub>4</sub> ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 2005-2010.	0.6	12
105	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
106	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
107	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
108	Redetermination of the crystal structure of K <sub>2</sub> Hg(SCN) <sub>4</sub> . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1073-1075.	0.2	0

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109	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
110	Ammine Complexes of $\text{Na}^+$ , $\text{Ag}^+$ , $\text{Mn}^+$ , and $\text{Zn}^+$ Azides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 796-803.	0.6	5
111	Frontispiece: Trace Determination and Pressure Estimation of Fluorine $\text{F}_2$ Caused by Irradiation Damage in Minerals and Synthetic Fluorides. Chemistry - A European Journal, 2016, 22, .	1.7	0
112	Automated generation of certification relevant documentation for a distributed avionics platform approach. , 2016, , .		10
113	A new look at $\text{NaBrF}_4$ : the most $\text{BrF}_3$ -rich tetrafluoridobromate(III) by mass. Monatshefte Für Chemie, 2016, 147, 1661-1668.	0.9	11
114	Synthesis of the fluorohydridoborate anions $[\text{BHF}_3]^-$ and $[\text{1-HF}_2\text{-B}_9\text{,12-X}_2\text{-closo-1,2-C}_2\text{-B}_{10}\text{-H}_9]^-$ (X = H, I): deboronation of 1,2- and 1,7-dicarba-closo-dodecaboranes with anhydrous $[\text{Me}_4\text{N}]^+\text{F}^-$ . Chemical Communications, 2016, 52, 13241-13244.	2.2	6
115	$\text{Br}_2\text{F}_7^-$ and $\text{Br}_3\text{F}_{10}^-$ : peculiar anions showing $\frac{1}{2}$ - and $\frac{3}{4}$ -bridging F-atoms. Chemical Communications, 2016, 52, 12040-12043.	2.2	25
116	Octaammine Eulland YbII Azides and Their Thermal Decompositions to the Nitrides. European Journal of Inorganic Chemistry, 2016, 2016, 4162-4169.	1.0	9
117	Redetermination of the crystal structure of $\text{NbF}_4$ . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1211-1213.	0.2	7
118	Trace Determination and Pressure Estimation of Fluorine $\text{F}_2$ Caused by Irradiation Damage in Minerals and Synthetic Fluorides. Chemistry - A European Journal, 2016, 22, 18388-18393.	1.7	14
119	Auf neuen Pfaden "per Anhalter durch die Berylliumchemie. Angewandte Chemie, 2016, 128, 10718-10733.	1.6	36
120	Off the Beaten Track "A Hitchhiker's Guide to Beryllium Chemistry. Angewandte Chemie - International Edition, 2016, 55, 10562-10576.	7.2	117
121	$\text{NOUF}_6$ Revisited: A Comprehensive Study of a Hexafluoridouranate(V) Salt. Chemistry - A European Journal, 2016, 22, 12145-12153.	1.7	11
122	Crystal structure of $\text{Ag}_2(\frac{1}{4}\text{-SCN})_2(\text{NH}_3)_4$ . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 881-883.	0.2	3
123	Synthesis and characterization of $\text{LiClO}_4 \cdot \text{H}_2\text{O}$ . Monatshefte Für Chemie, 2016, 147, 279-288.	0.9	5
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