Rainer Niewa

List of Publications by Year
in descending order

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167 papers	3,279 citations	159585 30 h-index	214800 47 g-index
186 all docs	186 docs citations	186 times ranked	2804 citing authors

#	Article	IF	Citations
1	Recent Developments in Nitride Chemistry. Chemistry of Materials, 1998, 10, 2733-2752.	6.7	254
2	Group V and VI Alkali Nitridometalates:Â A Growing Class of Compounds with Structures Related to Silicate Chemistry. Chemical Reviews, 1996, 96, 2053-2062.	47.7	122
3	Chemistry of Ammonothermal Synthesis. Inorganics, 2014, 2, 29-78.	2.7	110
4	The manganese nitrides Î·â€Mn3N2 and Î¸â€Mn6N5 + x: nuclear and magnetic structures. Journal of Materials Chemistry, 2000, 10, 2827-2834.	6.7	101
5	Energetics of binary iron nitrides. Solid State Sciences, 2000, 2, 457-462.	3.2	80
6	(Sr3N)E and (Ba3N)E (E = Sb, Bi): Synthesis, Crystal Structures, and Physical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 2292-2298.	1.2	75
7	Growth, structural and magnetic characterization of Co- and Ni-substituted barium hexaferrite single crystals. Journal of Alloys and Compounds, 2015, 628, 480-484.	5.5	68
8	High-entropy oxide phases with magnetoplumbite structure. Ceramics International, 2019, 45, 12942-12948.	4.8	64
9	Synthesis, Crystal Structure, and Magnetic Properties of the Semihard Itinerant Ferromagnet RhFe3N. Angewandte Chemie - International Edition, 2005, 44, 7212-7215.	13.8	63
10	High-Pressure, High-Temperature Single-Crystal Growth, Ab initio Electronic Structure Calculations, and Equation of State of Îµ-Fe₃N_{1+x}. Chemistry of Materials, 2009, 21, 392-398.	6.7	63
11	Three Oxidation States of Manganese in the Barium Hexaferrite BaFe_{12â€“x}Mn_xO₁₉. Inorganic Chemistry, 2017, 56, 3861-3866.	4.0	57
12	Growth, structural and magnetic characterization of Al-substituted barium hexaferrite single crystals. Journal of Alloys and Compounds, 2014, 615, 1043-1046.	5.5	55
13	Li24[MnN3]3N2and Li5[(Li1-xMnx)N]3, Two Intermediates in the Decomposition Path of Li7[MnN4] to Li2[(Li1-xMnx)N]:Â An Experimental and Theoretical Study. Inorganic Chemistry, 2001, 40, 5215-5222.	4.0	51
14	Shear-induced structural transformation and plasticity in ultraincompressibleReB2limit its hardness. Physical Review B, 2010, 82, .	3.2	50
15	Electronic Structure and Bonding in Cerium (Nitride) Compounds: Trivalent versus Tetravalent Cerium. Chemistry - A European Journal, 1999, 5, 515-522.	3.3	49
16	Preparation, crystal structure and physical properties of ternary compounds (R3N)In, R=rare-earth metal. Solid State Sciences, 2003, 5, 1247-1257.	3.2	47
17	Highâ€Pressure NiAsâ€Type Modification of FeN. Angewandte Chemie - International Edition, 2017, 56, 7302-7306.	13.8	43
18	Magnetic and Structural Properties of Barium Hexaferrite BaFe12O19 from Various Growth Techniques. Materials, 2017, 10, 578.	2.9	41

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19	High-pressure high-temperature phase transition of Î³â€²-Fe4N. Journal of Alloys and Compounds, 2009, 480, 76-80.	5.5	40
20	In situ Neutron Diffraction as a Probe on Formation and Decomposition of Nitrides and Hydrides: A Case Study. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 285-295.	1.2	40
21	Growth, structural and magnetic characterization of Zn-substituted barium hexaferrite single crystals. Materials Chemistry and Physics, 2015, 163, 416-420.	4.0	40
22	Structural and millimeter-wave characterization of flux grown Al substituted barium hexaferrite single crystals. Ceramics International, 2015, 41, 12728-12733.	4.8	39
23	Synthesis, Crystal Structure, and Physical Properties of (Ca3N)Tl. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 365-370.	1.2	38
24	Ti-Substituted BaFe12O19 Single Crystal Growth and Characterization. Crystal Growth and Design, 2014, 14, 5834-5839.	3.0	38
25	Cu-substituted barium hexaferrite crystal growth and characterization. Ceramics International, 2015, 41, 9172-9176.	4.8	36
26	(Sr3Nx)E and (Ba3Nx)E (E = Sn, Pb): Preparation, Crystal Structures, Physical Properties and Electronic Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 397-402.	1.2	35
27	Formation and Decomposition of Iron Nitrides Observed by in situ Powder Neutron Diffraction and Thermal Analysis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1265-1274.	1.2	34
28	Ammonothermal Crystal Growth of Indium Nitride. Crystal Growth and Design, 2018, 18, 2365-2369.	3.0	32
29	Preparation, Crystallographic, Spectroscopic and Magnetic Characterization of Low-Valency Nitridometalates Li2[(Li1-xMx)N] withM = Cu, Ni. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1778-1786.	1.2	31
30	Intermediates in Ammonothermal GaN Crystal Growth under Ammonoacidic Conditions. European Journal of Inorganic Chemistry, 2013, 2013, 5387-5399.	2.0	31
31	Highâ€Pressureâ€“Highâ€Temperature Behavior of Î¶â€Fe₂N and Phase Transition to Ïµâ€Fe₃N_{1.5}. European Journal of Inorganic Chemistry, 2009, 2009, 1634-1639.	2.0	30
32	Formation and Decomposition of Metastable Î±â€²â€²â€Fe₁₆N₂ from in situ Powder Neutron Diffraction and Thermal Analysis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2851-2859.	1.2	30
33	Novel alkali metal amidogallates as intermediates in ammonothermal GaN crystal growth. Journal of Crystal Growth, 2014, 403, 22-28.	1.5	30
34	On Copper(I) Fluorides, the Cuprophilic Interaction, the Preparation of Copper Nitride at Room Temperature, and the Formation Mechanism at Elevated Temperatures. Chemistry - A European Journal, 2015, 21, 3290-3303.	3.3	30
35	Unusual Bonding in Ternary Nitrides: Preparation, Structure and Properties of Ce2MnN3.. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 63-74.	0.7	28
36	Transition and Alkali Metal Complex Ternary Amides for Ammonia Synthesis and Decomposition. Chemistry - A European Journal, 2017, 23, 9766-9771.	3.3	28

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37	Stacking Design of Inverse Perovskites:â€‰ The Systems (Sr3-xBaxN)E, E = Bi, Sb. Inorganic Chemistry, 2007, 46, 859-865.	4.0	27
38	High pressure high-temperature behavior and magnetic properties of Fe₄N: experiment and theory. High Pressure Research, 2013, 33, 684-696.	1.2	27
39	Single crystal growth, structural characteristics and magnetic properties of chromium substituted M-type ferrites. Solid State Sciences, 2015, 50, 23-31.	3.2	27
40	First Observation of an Inverse Ruddlesden-Popper Series: (A3n+1ONnâ¯1)Bin+1 withA = Sr, Ba andn = 1, 3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 93-97.	1.2	26
41	Highâ€Temperature Ferromagnetism and Tunable Semiconductivity of (Ba,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (Sr) Spintronics. Advanced Materials, 2008, 20, 1315-1320.	21.0	26
42	Ternary Metastable Nitrides Îµ-Fe₂TMN (TM = Co, Ni): High-Pressure, High-Temperature Synthesis, Crystal Structure, Thermal Stability, and Magnetic Properties. Chemistry of Materials, 2012, 24, 4600-4606.	6.7	26
43	Tungsten substituted BaFe12O19 single crystal growth and characterization. Materials Chemistry and Physics, 2015, 155, 99-103.	4.0	26
44	Inverse Perovskites (Eu3O)E withE = Sn, In â€“ Preparation, Crystal Structures and Physical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 559-564.	1.2	25
45	Dimers [Al2N6]12- and Chains 1 âˆž[AlN4/2 3-] in the Crystal Structures of Ca6[Al2N6] and Ba3[Al2N4]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 461-465.	0.7	24
46	Nitridocompounds of manganese: manganese nitrides and nitridomanganates. Zeitschrift Fur Kristallographie - Crystalline Materials, 2002, 217, 8-23.	0.8	24
47	Structure formation in yttrium aluminum garnet (YAG) fibers. Journal of the European Ceramic Society, 2014, 34, 1321-1328.	5.7	24
48	Sub-lattice of Jahn-Teller centers in hexaferrite crystal. Scientific Reports, 2020, 10, 7076.	3.3	24
49	New Ways to High-Quality Bulk Scandium Nitride. Chemistry of Materials, 2004, 16, 5445-5451.	6.7	23
50	Metalâ€Rich Ternary Perovskite Nitrides. European Journal of Inorganic Chemistry, 2019, 2019, 3647-3660.	2.0	23
51	Breaking up chains: the nitridocuprates(I) Ba[CuN] Ba16[(CuN)8][Cu2N3][Cu3N4] and Ca4Ba[CuN2]2. Journal of Alloys and Compounds, 1998, 279, 153-160.	5.5	21
52	Determination of GaN solubility in supercritical ammonia with NH4F and NH4Cl mineralizer by in situ x-ray imaging of crystal dissolution. Journal of Crystal Growth, 2015, 418, 64-69.	1.5	21
53	Crystal growth, structural characteristics and electronic structure of Ba1-xPbxFe12O19 (xÂ=) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.5	21
54	Highâ€pressure Phase Transition and Properties of Cu₃N: An Experimental and Theoretical StudyÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1959-1968.	1.2	20

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55	Alkalineâ€earth Metal Nitrides of the Mainâ€Group Elements: Crystal Structures and Properties of Inverse Perovskites. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1699-1715.	1.2	20
56	Flux single crystal growth of M-type strontium hexaferrite SrFe12O19 by spontaneous crystallization. Journal of Magnetism and Magnetic Materials, 2019, 470, 97-100.	2.3	20
57	Synthesis, crystal structure and properties of a lithium manganese nitride, (Li, Mn)2N. Journal of Alloys and Compounds, 1998, 266, 32-38.	5.5	19
58	(La3Zx)Al and (Ce3Zx)Al with Z = C, N, O: preparation, physical properties and chemical bonding of metal-rich perovskites. Zeitschrift Fur Kristallographie - Crystalline Materials, 2006, 221, .	0.8	19
59	Two-Channel Kondo Physics due to As Vacancies in the Layered Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrAs</mml:mi></mml:mrow><mml:mrow><mml:mn> Physical Review Letters, 2016, 117, 106601.	7.8	18
60	New synthesis route for ternary transition metal amides as well as ultrafast amideâ€“hydride hydrogen storage materials. Chemical Communications, 2016, 52, 5100-5103.	4.1	18
61	Millimeter-wave characterization of aluminum substituted barium lead hexaferrite single crystals grown from PbOâ€“B2O3 flux. Ceramics International, 2017, 43, 15800-15804.	4.8	18
62	Coexistence of ferromagnetism and unconventional spin-glass freezing in the site-disordered kagome ferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrS</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.2	18
63	In situâ€“ High Temperature MÃ¶ssbauer Spectroscopy of Iron Nitrides and Nitridoferrates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1787-1794.	1.2	17
64	Synthesis, Crystal Structure and Lithium Motion of Li₈SeN₂ and Li₈TeN₂ÂÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 936-946.	1.2	17
65	Synthesis, characterization and in situ Raman detection of Sn 3 O 2 (OH) 2âˆ’x Cl x phases as intermediates in tin corrosion. Corrosion Science, 2015, 98, 399-405.	6.6	17
66	Dissolved Intermediates in Ammonothermal Crystal Growth: Stepwise Condensation of [Ga(NH₂)₄]^{âˆ’} toward GaN. Crystal Growth and Design, 2017, 17, 4855-4863.	3.0	17
67	In situ X-ray monitoring of transport and chemistry of Ga-containing intermediates under ammonothermal growth conditions of GaN. Journal of Crystal Growth, 2018, 498, 214-223.	1.5	17
68	New Ternary Alkaline Earth Metal Cerium(IV) Nitrides: CaCeN2 and SrCeN2Dedicated to Professor Welf Bronger on the Occasion of his 70th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1590.	1.2	16
69	Crystal Structures of Ternary Ruthenium Ferrites SrM2Â±xRu4âˆ“xO11withM= Fe, Co and Magnetic and Transport Properties of Al-doped Single Crystals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 331-336.	1.2	16
70	On the Formation Mechanism of Chromium Nitrides: An in situ Study. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2801-2808.	1.2	16
71	Structural and Magnetic Characterization of Singleâ€phase Spongeâ€like Bulk Î±â€²â€²Fe₁₆N₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 348-354.	1.2	16
72	Lithium alkaline earth tetrelides of the type Li₂ AeTt (Ae=Ca, Ba, Tt=Si,) Tj ETQq0 0 0 rgBT /Overlock 1 Section B Journal of Chemical Sciences, 2017, 72, 847-853.	0.7	16

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73	Magnetic structure of the inverse perovskite (Ce3N)In. Solid State Sciences, 2008, 10, 1910-1915.	3.2	15
74	Ammonothermal Synthesis and Characterization of Li₄[Zn(NH₂)₄](NH₂)₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1016-1023.	1.2	15
75	XAS spectra of Ce2[MnN3] at the Ce-M4,5, Ce-L3, Mn-L2,3 and N-K thresholds. Journal of Alloys and Compounds, 2002, 346, 129-133.	5.5	14
76	Notizen: Ca{Li2[Mn'N]2}: Kristallchemischer BrÃ¼ckenschlag Zwischen Lithium-Nitrido-Verbindungen und Borid-Carbiden des Typs M [B2C2]/ Ca{Li2[M nIN]2}: Link between Crystal Chemistry of Lithium Nitrido Compounds and Boride Carbides of the Type M [B2C2]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 988-991.	0.7	13
77	Thermodynamics of Formation of Binary and Ternary Nitrides in the System Ce/Mn/N. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 194-200.	1.2	13
78	(A19N7)[In4]2 (A = Ca, Sr) and (Ca4N)[In2]: Synthesis, Crystal Structures, Physical Properties, and Chemical Bonding. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1477-1486.	1.2	13
79	Novel Barium Beryllates Ba[Be2N2] and Ba3[Be5O8]: Syntheses, Crystal Structures and Bonding Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1818-1824.	1.2	13
80	Ba3YRu0.73(2)Al1.27(2)O8 and Ba5Y2Ru1.52(2)Al1.47(2)O13.5: New Perovskite Ruthenates with Partial Octahedra Replacement. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1383-1389.	0.7	13
81	Structural, magnetic, and transport properties of a novel class of ferromagnetic semiconductors: SrM2Â±xRu4Â±xO11 (M=Fe,Co). Journal of Applied Physics, 2008, 103, 07D112.	2.5	13
82	Ternary Amides Containing Transition Metals for Hydrogen Storage: A Case Study with Alkali Metal Amidozincates. ChemSusChem, 2015, 8, 3777-3782.	6.8	13
83	Synthesis of Metastable Co₄N, Co₃N, Co₂N, and CoO_{0.74}N_{0.24} from a Single Azide Precursor and Intermediates in CoBr₂ Ammonolysis. European Journal of Inorganic Chemistry, 2016, 2016, 4792-4801.	2.0	13
84	Growth of Lead and Aluminum Substituted Barium Hexaferrite Single Crystals from Lead Oxide Flux. Materials Science Forum, 2016, 843, 3-9.	0.3	13
85	Bandgap and Electronic Structure Determination of Oxygen-Containing Ammonothermal InN: Experiment and Theory. Journal of Physical Chemistry C, 2019, 123, 8943-8950.	3.1	13
86	Performance enhancement of rechargeable magnesiumâ€“sulfur batteries based on a sulfurized poly(acrylonitrile) composite and a lithium salt. Journal of Power Sources, 2021, 515, 230604.	7.8	12
87	Inverse Perovskites (RE3N)Sn with RE = La, Ce, Pr, Nd, Sm: Preparation, Crystal Structures and Physical Properties. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 813-819.	0.7	11
88	Crystal structure and superconducting properties of hole-doped Ca_{0.89}Na_{0.11}FFeAs single crystals. Superconductor Science and Technology, 2014, 27, 044011.	3.5	11
89	Two Modifications of Tin(II) Bromide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1467-1472.	1.2	11
90	Ammonothermal synthesis of GaN using Ba(NH2)2 as mineralizer. Journal of Crystal Growth, 2016, 456, 2-4.	1.5	11

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91	BaZnRu5O11: Novel compound with frustrated magnetic lattice based on a distorted kagome network. Solid State Sciences, 2012, 14, 281-286.	3.2	10
92	Three Solid Modifications of Ba[Ga(NH2)4]2: A Soluble Intermediate in Ammonothermal GaN Crystal Growth. European Journal of Inorganic Chemistry, 2017, 2017, 902-909.	2.0	10
93	In Situ X-ray Diffraction Studies on the De/rehydrogenation Processes of the K₂[Zn(NH₂)₄]-8LiH System. Journal of Physical Chemistry C, 2017, 121, 1546-1551.	3.1	10
94	Bafe3.39(5)Ru2.61(5)O11 And BaCo1.85(6)Ru4.15(6)O11. Preparation, Crystal Structures, And Magnetic And Transport Properties Of Quaternary Transition Metal Oxoruthenates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 753-758.	0.7	9
95	Na5[CN2]2[CN], (Li, Na)5[CN2]2[CN], and K2[CN2]: Carbodiimides from High-Pressure Synthesis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2111-2116.	1.2	9
96	Trigonal-Bipyramidal Coordination in First Ammoniates of ZnF₂: ZnF₂(NH₃)₃ and ZnF₂(NH₃)₂. Inorganic Chemistry, 2016, 55, 2488-2498.	4.0	9
97	Nitrogen Transfer between Solid Phases in the System Mnâ€N Detected via in situ Neutron Diffraction. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1929-1938.	1.2	9
98	PolyDis: simple quantification tool for distortion of polyhedra in crystalline solids. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 201-209.	0.8	9
99	Thermoelectric properties of [Ca2CoO3â‾Î][CoO2]1,62 as a function of Co/Ca defects and Co3O4 inclusions. Journal of Applied Physics, 2017, 121, .	2.5	8
100	Perovskite Distortion Inverted: Crystal Structures of (A₃N)As (A = Mg, Ca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	8
101	Structure and magnetic properties of a new hexaferrite (Ba,Pb)(Fe,Ti)9O15. Ceramics International, 2021, 47, 5341-5346.	4.8	8
102	Ruthenate-ferrites AMRu₅O₁₁ (A = Sr, Ba; M = Ni, Zn): Distortion of kagome nets via metalâ€“metal bonding. Zeitschrift Fur Kristallographie - Crystalline Materials, 2012, 227, 545-551.	0.8	7
103	Flux pinning and magnetic relaxation in Ga-doped LiFeAs single crystals. Journal of Applied Physics, 2012, 112, 053914.	2.5	7
104	Ammonothermal Synthesis and Characterization of Cs₂[Zn(NH₂)₄]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1207-1211.	1.2	7
105	Approaching compositional limits of perovskite â€“ type oxides and oxynitrides by synthesis of Mg0.25Ca0.65Y0.1Ti(O,N)3, Ca1â€“xYxZr(O,N)3 (0.1Â‰ÂxÂ‰Â0.4), and Sr1â€“xLaxZr(O,N)3 (0.1Â‰ÂxÂ‰Â0.4). Solid State Sciences, 2016, 54, 7-16.	3.2	7
106	Structure and physical properties ofSrNiRu5O11single crystals: AnR-type ferrite based on ordered kagome nets. Physical Review B, 2017, 95, .	3.2	7
107	Li₅Sn, the Most Lithium-Rich Binary Stannide: A Combined Experimental and Computational Study. Journal of the American Chemical Society, 2022, 144, 7096-7110.	13.7	7
108	A Temperatureâ€dependent Structural Study of antiâ€ReO₃â€type Na₃N: to Distort or not to Distort?Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 94-99.	1.2	6

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109	The Inverse Perovskite (Ca₂EuN_x)Sn: A Rare Example for a Homogeneously Mixedâ€Valent Compound?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 977-982.	1.2	6
110	Highâ€Pressure Highâ€Temperature Synthesis of Ïµâ€Fe₂IrN_{0.24}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 814-818.	1.2	6
111	The Inverse Perovskite Nitrides (Sr₃N_{2/3â€“x})Sn, (Sr₃N_{2/3â€“x})Pb, and (Sr₃N)Sb: Flux Crystal Growth, Crystal Structures, and Physical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 161-167.	1.2	6
112	Approaching Dissolved Species in Ammonoacidic GaN Crystal Growth: A Combined Solution NMR and Computational Study. Chemistry - A European Journal, 2020, 26, 7008-7017.	3.3	6
113	Nitrides with Inverse K2[NiF4] Structure: (R1-xCa3+xN1-x/3)Bi2 with R = Rare-Earth MetalÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1222-1228.	1.2	5
114	Ammonothermal synthesis of dimorphic K₂[Zn(NH₂)₄]. Zeitschrift Fur Kristallographie - Crystalline Materials, 0, , 130715000339006.	0.8	5
115	Electrochemical Bulk Synthesis of Ternary Nitride Perovskites: Co₃InN and Ni₃InN. European Journal of Inorganic Chemistry, 2019, 2019, 1709-1713.	2.0	5
116	Crystal Structure and Magnetic Properties of the Novel Hollandite Ba_{1.3}Co_{1.3}Ti_{6.7}O₁₆. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 1097-1100.	0.7	4
117	The influence of Si on the superconducting properties of LiFeAs single crystals. Superconductor Science and Technology, 2012, 25, 125006.	3.5	4
118	Ammonothermal Synthesis and Crystal Structures of Diamminetriamidodizinc Chloride [Zn2(NH3)2(NH2)3]Cl and Diamminemonoamidozinc Bromide [Zn(NH3)2(NH2)]Br. Inorganics, 2016, 4, 41.	2.7	4
119	Synthesis and Characterization of BaLiRu₅O₁₁, BaCu₁₊_xRu_{5â€“}_xO₁₁, and BaLi_{1â€“}_xCu_x₊_{Î´}Ru_{5â€“}_{Î´}O₁₁: Crystal Structures and Valence States. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1691-1696.	1.2	4
120	Electrochemical Synthesis of Highly Nitrogen Containing Î³- FeN0.13 and Îµ -Fe3 N1.51 in a Molten Salt System. European Journal of Inorganic Chemistry, 2019, 2019, 730-734.	2.0	4
121	Synthesis and Characterisation of the Nitridocuprate(I) Nitride Carbodiimide (Sr₆N)[CuN₂][CN₂]₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 114-119.	1.2	4
122	Polymorphism of Eu8In3 and the Solid Solution (CaxEu1-x)8In3Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1803-1809.	1.2	3
123	Ce₂[CrN₃]: Single Phase Synthesis and Characterization of a Nitridochromate(I). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1853-1857.	1.2	3
124	Distribution of dopant metals between PbTiO3 crystals and PbO-B2O3 flux. Russian Journal of General Chemistry, 2014, 84, 1888-1892.	0.8	3
125	Synthesis and Characterization of Superconducting Ca1â^'xNaxFFeAs. Materials, 2014, 7, 1984-1994.	2.9	3
126	V₁₆N_{1.5}: Metastable or Missing in the Binary Phase Diagram?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2610-2616.	1.2	3

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127	Cichorek etÂal. Reply:. Physical Review Letters, 2017, 118, 259702.	7.8	3
128	The Quasiâ€Binary Acetonitriletriide Sr₃[C₂N]₂. Angewandte Chemie - International Edition, 2020, 59, 339-342.	13.8	3
129	Diversity of Strontium Nitridogermanates(IV): Novel Sr 4 [GeN 4], Sr 8 Ge 2 [GeN 4], and Sr 17 Ge 2 [GeN 3] 2 [GeN 4] 2. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1105-1109.	1.2	3
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