Yurii Prots

List of Publications by Year in descending order

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311 papers	3,389 citations	201674 27 h-index	254184 43 g-index
393 all docs	393 docs citations	393 times ranked	3169 citing authors

#	Article	IF	Citations
1	High-pressure chemistry of nitride-based materials. Chemical Society Reviews, 2006, 35, 987.	38.1	200
2	Ba8Ge43 revisited: a 2a?ï¿½2a?ï¿½2a? Superstructure of the Clathrate-I Type with Full Vacancy Ordering. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 2267-2276.	1.2	109
3	SrN and SrN2: Diazenides by Synthesis under High N2-Pressure. Angewandte Chemie - International Edition, 2001, 40, 547-549.	13.8	90
4	Preparation, Crystal Structure, and Properties of Barium Pernitride, BaN2. Inorganic Chemistry, 2001, 40, 4866-4870.	4.0	83
5	The Co2Al9 Structure Type Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 534-541.	1.2	61
6	Helical ground state and weak ferromagnetism in the edge-shared chain cuprate NaCu 2 O 2. Europhysics Letters, 2006, 73, 83-89.	2.0	61
7	K₇B₇Si₃₉, a Borosilicide with the Clathrateâ€...I Structure. Angewandte Chemie - International Edition, 2007, 46, 6725-6728.	13.8	58
8	Introducing a Magnetic Guest to a Tetrel-Free Clathrate: Synthesis, Structure, and Properties of Eu_xBa_{8â€“x}Cu₁₆P₃₀ (0 â‰¤ x â‰¤ 1.5). Inorganic Chemistry, 2011, 50, 10387-10396.	4.0	53
9	First-order structural transition in the magnetically ordered phase of Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.13</mml:mn></mml:mrow></mml:msub></mml:math>Te. Physical Review B, 2011, 84, .	3.2	53
10	Structure, luminescence and scintillation properties of the MgWO₄â€“MgMoO₄system. Journal of Physics Condensed Matter, 2008, 20, 365219.	1.8	50
11	Shape Development and Structure of a Complex (Otoconiaâ€Like?) Calciteâ€“Gelatine Composite. Angewandte Chemie - International Edition, 2008, 47, 8280-8284.	13.8	48
12	Synthesis, chemical bonding and physical properties of RERhB4 (RE=Y, Dyâ€“Lu). Journal of Solid State Chemistry, 2008, 181, 1983-1991.	2.9	48
13	Anti-Perovskite Li-Battery Cathode Materials. Journal of the American Chemical Society, 2017, 139, 9645-9649.	13.7	48
14	Sr4N3: A Hitherto Missing Member in the Nitrogen Pressure Reaction Series Sr2Nâ†'Sr4N3â†'SrNâ†'SrN2. Angewandte Chemie - International Edition, 2002, 41, 2288-2290.	13.8	41
15	Growth and Characterization of BPO4 Single Crystals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 655-662.	1.2	35
16	Electronic structure and magnetic properties of the spin-1/2 Heisenberg system CuSe₂O₅. New Journal of Physics, 2009, 11, 113034.	2.9	35
17	Chirality and Magnetism in a Novel Series of Isotypic Borophosphates:â€‰ MII[BPO4(OH)2] (MII = Mn, Fe,) Tj ETQq1 1 0.784314 rgBT	4.0	34
18	Crystal Structure and Thermochemical Properties of a First Scandium Borophosphate, Sc(H2O)2[BP2O8]Â·H2O. Chemistry of Materials, 2006, 18, 673-679.	6.7	34

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19	High-pressure synthesis of the electron-excess compound CaSi6. Science and Technology of Advanced Materials, 2007, 8, 383-388.	6.1	34
20	Breaking the Zintl rule: High-pressure synthesis of binary EuSi6 and its ternary derivative EuSi6â^'xGax (). Solid State Sciences, 2006, 8, 773-781.	3.2	32
21	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be₅Pt. Angewandte Chemie - International Edition, 2019, 58, 15928-15933.	13.8	32
22	High-pressure Synthesis of Strontium Hexasilicide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1485-1492.	0.7	31
23	Refinement of the crystal structure of tetrasodium tetrasilicide, Na4Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 187-188.	0.3	29
24	Cluster Formation in the Superconducting Complex Intermetallic Compound Be₂₁Pt₅. Accounts of Chemical Research, 2018, 51, 214-222.	15.6	29
25	Effect of Ca doping on the structure and scintillation properties of ZnWO4. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 730-736.	1.8	28
26	TM7TMâ€²6B8(TM= Ta, Nb;TMâ€² = Ru, Rh, Ir): New Compounds with [B6] Ring Polyanions. Inorganic Chemistry, 2012, 51, 7472-7483.	4.0	28
27	Crystal Structure and Physical Properties of Ternary Phases around the Composition Cu₅Sn₂Se₇ with Tetrahedral Coordination of Atoms. Chemistry of Materials, 2014, 26, 5244-5251.	6.7	28
28	Chain Structures in Alkali Metal Borophosphates:Â Synthesis and Characterization of K3[BP3O9(OH)3] and Rb3[B2P3O11(OH)2]. Inorganic Chemistry, 2005, 44, 6431-6438.	4.0	27
29	Refinement of the crystal structure of palladium gallium (1:1), PdGa. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 617-618.	0.3	27
30	High pressure high-temperature behavior and magnetic properties of Fe₄N: experiment and theory. High Pressure Research, 2013, 33, 684-696.	1.2	27
31	Fluctuation-induced first-order transition in Eu-based trillium lattices. Physical Review B, 2017, 96, .	3.2	27
32	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
33	Structural Patterns and Dimensionality in Magnesium Borophosphates: The Crystal Structures of Mg2(H2O)[BP3O9(OH)4] and Mg(H2O)2[B2P2O8(OH)2]Â·H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1615-1621.	1.2	24
34	Control of Channel Shapes in a Microporous Manganese(II)â€“Borophosphate Framework by Variation of Size and Shape of Organic Template Cations. Chemistry - A European Journal, 2007, 13, 1737-1745.	3.3	24
35	Chemical bonding analysis and properties of La7Os4C9â€”A new structure type containing C- and C2-units as Os-coordinating ligands. Journal of Solid State Chemistry, 2008, 181, 3121-3130.	2.9	24
36	Refinement of the crystal structure of dipalladium gallium, Pd2Ga. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 7-8.	0.3	24

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37	Structural Investigations of CeIrIn₅ and CeCoIn₅ on Macroscopic and Atomic Length Scales. Journal of the Physical Society of Japan, 2014, 83, 061009.	1.6	24
38	CeAgAs2â€" a New Derivative of the HfCuSi2 Type of Structure: Synthesis, Crystal Structure and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 635-641.	1.2	23
39	Synthesis and characterization of sulfide oxide SrZnSO with strongly polar crystal structure. Journal of Solid State Chemistry, 2017, 246, 225-229.	2.9	23
40	Barrelane-like germanium clusters in Eu3Ge5: Crystal structure, chemical bonding and physical properties. Journal of Solid State Chemistry, 2006, 179, 2329-2338.	2.9	20
41	The novel silicide Eu3Si4: structure, chemical bonding, magnetic behavior and electrical resistivity. Journal of Solid State Chemistry, 2004, 177, 2115-2121.	2.9	19
42	Crystal Structure Refinements of Ge(tP12), Physical Properties and Pressure-induced Phase Transformation Ge(tP12) â† Ge(tI4). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 608-614.	0.7	19
43	Sr10[(PO4)5.5(BO4)0.5](BO2): Growth and crystal structure of a strontium phosphate orthoborate metaborate closely related to the apatite-type crystal structure. Journal of Solid State Chemistry, 2010, 183, 658-661.	2.9	19
44	Cs₇Nd₁₁(SeO₃)₁₂Cl₁₆: First Noncentrosymmetric Structure among Alkaline-Metal Lanthanide Selenite Halides. Inorganic Chemistry, 2013, 52, 3611-3619.	4.0	19
45	Ba₃V₂S₄O₃: A Mott Insulating Frustrated Quasiâ€Oneâ€Dimensional S=1 Magnet. Chemistry - A European Journal, 2015, 21, 7938-7943.	3.3	19
46	Synthesis and Characterization of Ba[CoSO]: Magnetic Complexity in the Presence of Chalcogen Ordering. Chemistry - A European Journal, 2015, 21, 10821-10828.	3.3	19
47	Inâ€Cage Interactions in the Clathrate Superconductor Sr 8 Si 46. Chemistry - A European Journal, 2020, 26, 830-838.	3.3	19
48	S = 2 Spin Ladders in the Sulfide Oxide BaFe₂S₂O. European Journal of Inorganic Chemistry, 2014, 2014, 6150-6155.	2.0	18
49	Mg1?xRhB - a New Boridometallide with 2D Polyanion. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1047-1054.	1.2	17
50	Crystallographic disorder and electron scattering on structural two-level systems in ZrAs1.4Se0.5. Journal of Physics Condensed Matter, 2005, 17, 5481-5488.	1.8	17
51	Zn[BPO₄(OH)₂]: A Zinc Borophosphate with the Rare Moganiteâ€Type Topology. Chemistry - A European Journal, 2008, 14, 1757-1761.	3.3	17
52	Synthesis, Crystal Structure and Chemical Bonding of the Zintl Phase Rb₇NaSi₈. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1982-1991.	1.2	17
53	Sr₃[Co(CN)₃] and Ba₃[Co(CN)₃]: Crystal Structure, Chemical Bonding, and Conceptional Considerations of Highly Reduced Metalates. Angewandte Chemie - International Edition, 2011, 50, 9361-9364.	13.8	17
54	Distribution of Al atoms in the clathrate-I phase Ba₈Al_xSi_{46â"x} at x = 6.9. Dalton Transactions, 2015, 44, 12680-12687.	3.3	17

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55	Ca2[BN2]H: The First Nitridoborate Hydrideâ€" Synthesis, Crystal Structure, and Vibrational Spectra. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 1068-1073.	1.2	16
56	Synthesis, phase relationship and crystal structure of the new binary compound Ir13Al45. Journal of Solid State Chemistry, 2005, 178, 339-345.	2.9	16
57	Crystal Structure, Chemical Bonding, and Phase Relations of the Novel Compound Co4Al7+xSi2-x(0.27) Tj ETQq1 1 0.784314 rgBT /Ov	4.0	16
58	Crystal Structure and Physical Properties of New Ternary Gallides Eu₂Rh₃Ga₉ and Eu₂Ir₃Ga₉. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 904-911.	0.7	16
59	Ternary Magnesium Rhodium Boride Mg2Rh1-xB6+2x with a Modified Y2ReB6-Type Crystal Structure. Inorganic Chemistry, 2007, 46, 7378-7386.	4.0	16
60	CsSc[B2P3O11(OH)3]:â€‰ A New Borophosphate Oligomer Containing Boron in Three- and Fourfold Coordination. Inorganic Chemistry, 2007, 46, 7503-7508.	4.0	16
61	Thermoelectric properties of single- and polycrystalline RuGa3. Solid State Sciences, 2014, 32, 56-60.	3.2	16
62	Synthesis, crystal structure and properties of the new superconductors TaRuB and NbOsB. Journal of Physics Condensed Matter, 2015, 27, 415701.	1.8	16
63	Refinement Of The Crystal Structure Of Dibarium Tetrasilicide, Ba2Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 7-8.	0.3	16
64	Speciation of nitrogen â€" [N3â€"] and [N2 2â€"] â€" in binary compounds. Analytical and Bioanalytical Chemistry, 2002, 373, 880-882.	3.7	15
65	New type-I clathrates with ordered Eu distribution. Physica B: Condensed Matter, 2006, 383, 89-92.	2.7	15
66	Synthesis and Characterization of Frustrated Spin Ladders SrFe₂S₂O and SrFe₂Se₂O. European Journal of Inorganic Chemistry, 2015, 2015, 2982-2988.	2.0	15
67	Preparation, crystal structure and chemical bonding analysis of the new binary compounds Rh4Ga21 and Rh3Ga16. Journal of Solid State Chemistry, 2006, 179, 2472-2478.	2.9	14
68	Preparation and Crystal Structure of the Clathrateâ€‹ Cs_{8â€"x}Ge_{44+y}â–¡_{2â€"y}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1281-1286.	1.2	14
69	Crystal structure and phase stability of the Î¦ phase in the Alâ€"Mgâ€"Zn system. Intermetallics, 2013, 32, 259-273.	3.9	14
70	Two New Arsenides, Eu₇Cu₄₄As₂₃ and Sr₇Cu₄₄As₂₃, With a New Filled Variety of the BaHg₁₁ Structure. Inorganic Chemistry, 2014, 53, 11173-11184.	4.0	14
71	Ultrasmall functional ZnO₂ nanoparticles: synthesis, characterization and oxygen release properties. RSC Advances, 2016, 6, 84777-84786.	3.6	14
72	Unconventional Metalâ€"Framework Interaction in MgSi₅. Angewandte Chemie - International Edition, 2019, 58, 12914-12918.	13.8	14

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73	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
74	Mg8Rh4B â€" A new type of boron stabilized Ti2Ni structure. Journal of Solid State Chemistry, 2006, 179, 2751-2760.	2.9	13
75	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
76	Thermo-chemical properties and electrical resistivity of Zr-based arsenide chalcogenides. Science and Technology of Advanced Materials, 2007, 8, 341-346.	6.1	13
77	Yb2Al15Pt6 - the most ordered variety of the Sc1.2Fe4Si9.8 aristotype. Chemistry of Metals and Alloys, 2014, 7, 85-99.	0.1	13
78	Synthesis and Crystal Structure of CaCo(H2O)[BP2O8(OH)]Â·H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 614-617.	1.2	12
79	Single Crystal Growth and Anisotropic Magnetic Properties of Li2Sr[Li1 â^' xFexN]2. Inorganics, 2016, 4, 42.	2.7	12
80	Badâ€Metalâ€Layered Sulfide Oxide CsV₂S₂O. European Journal of Inorganic Chemistry, 2016, 2016, 23-27.	2.0	12
81	Intermediate-Valence Ytterbium Compound Yb₄Ga₂₄Pt₉: Synthesis, Crystal Structure, and Physical Properties. Inorganic Chemistry, 2017, 56, 9343-9352.	4.0	12
82	Structural, thermodynamic and magnetotransport properties of half-Heusler compound HoPtSb. Journal of Alloys and Compounds, 2020, 829, 154467.	5.5	12
83	Superconductivity inLa3Rh2Ge2and dense Kondo behavior inCe3Rh2Ge2. Physical Review B, 2001, 64, .	3.2	11
84	Inelastic Neutron Scattering Spectroscopy of Diazenides: Detection of the Nï£¾N Stretch. ChemPhysChem, 2002, 3, 815-817.	2.1	11
85	Synthesis, crystal structure and chemical bonding of the novel compound IrGa2. Solid State Sciences, 2004, 6, 499-503.	3.2	11
86	Syntheses and Crystal Structures of the Thallium(I) Iodobismuthates(III) Tl7Bi3I16 and Tl3BiI6. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 603-609.	1.2	11
87	Electronic structure and thermodynamic properties of CeRh₂Sn₄and LaRh₂Sn₄. Journal of Physics Condensed Matter, 2009, 21, 325601.	1.8	11
88	High-resolution electron microscopy and X-ray diffraction study of intergrowth structures in Î±- and Î²-type YbAlB₄single crystals. Philosophical Magazine, 2013, 93, 1054-1064.	1.6	11
89	Structural Behaviour of EuCoO₃and Mixed Cobaltites-Ferrites EuCo₁_{â^'}_xFe_xO₃ Solid State Phenomena, 0, 230, 31-38.		
90	Interpenetration of a 3D IcosahedralM@Ni12(M=Al, Ga) Framework with Porphyrin-Reminiscent Boron Layers inMNi9B8. Chemistry - A European Journal, 2015, 21, 16532-16540.	3.3	11

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91	The First Ternary Phase in the Ga-Sn-Pd System: Synthesis, Crystal Structure, and Catalytic Properties of Ga2+x +y Sn4-x Pd9. European Journal of Inorganic Chemistry, 2017, 2017, 3542-3550.	2.0	11
92	Extended Chemical Flexibility of Cubic Anti-Perovskite Lithium Battery Cathode Materials. Inorganic Chemistry, 2018, 57, 13296-13299.	4.0	11
93	Y₄Be₃₃Pt₁₆ â€“ a non-centrosymmetric cage superconductor with multi-centre bonding in the framework. Dalton Transactions, 2020, 49, 9362-9368.	3.3	11
94	Preparation and Crystal Structure of Ni16Si9Al. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 417-422.	1.2	10
95	Crystal structure and twinning of HfPdGe. Zeitschrift FÃ¼r Kristallographie, 2007, 222, .	1.1	10
96	Crystallographic and physical properties of RE2â^'xNi21B6 (RE=Er, Yb and Lu). Solid State Sciences, 2009, 11, 507-512.	3.2	10
97	Synthesis, Structure, and Properties of Two Zintl Phases around the Composition SrLiAs. Inorganic Chemistry, 2013, 52, 8971-8978.	4.0	10
98	Phase and structural behavior of SmAlO3â€“RAlO3 (R=Eu, Gd) systems. Materials Research Bulletin, 2014, 50, 509-513.	5.2	10
99	Crystal structure, disorder and composition of the 2/1 approximant in the Alâ€“Mgâ€“Zn system revisited. Intermetallics, 2014, 53, 67-84.	3.9	10
100	Metal Vacancy Ordering in an Antiperovskite Resulting in Two Modifications of Fe₂SeO. Angewandte Chemie - International Edition, 2016, 55, 9380-9383.	13.8	10
101	Anionic Ordering in Ba₁₅V₁₂S₃₄O₃, Affording Three Oxidation States of Vanadium and a Quasi-One-Dimensional Magnetic Lattice. Chemistry of Materials, 2016, 28, 1621-1624.	6.7	10
102	Charge, lattice and magnetism across the valence crossover in EuIr₂Si₂ single crystals. Journal of Physics Condensed Matter, 2019, 31, 305602.	1.8	10
103	â€œExcessâ€•electrons in LuGe. Angewandte Chemie - International Edition, 2021, 60, 6457-6461.	13.8	10
104	Polycationâ€“Polyanion Architecture of the Intermetallic Compound Mg3â^'xGa1+xIr. Molecules, 2022, 27, 659.	3.8	10
105	[C10N2H10][ZnCl(HPO4)]2: A New Templated Zincophosphate Containing Tetrahedral Nets with 63 Topology. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1622-1626.	1.2	9
106	High-Pressure Synthesis and Physical Properties of the Europium-Substituted Barium Clathrate Ba8â^'xEuxGe43â–¡3 (x â‰ˆ 0.6). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 73-78.	1.2	9
107	Preparation, Crystal Structures and Thermal Decomposition of Ba₂(EDTA) and Ba₂(EDTA)Â·2.5H₂OÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1710-1715.	1.2	9
108	Syntheses, crystal structures, magnetic properties and vibrational spectra of nitridoborate-halide compounds Sr₂[BN₂]Br and Eu₂[BN₂]X(X= Br, I) with isolated [BN₂]^{3â€“}units. Zeitschrift FÃ¼r Kristallographie, 2011, 226, 633-639.	1.1	9

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109	Homo- and Heterovalent Substitutions in the New Clathrates I Si30P16Te8â€“xSexand Si30+xP16â€“xTe8â€“xBrx: Synthesis, Crystal Structure, and Thermoelectric Properties. Inorganic Chemistry, 2012, 51, 11396-11405.	4.0	9
110	Lattice crossover and phase transitions in NdAlO3â€“GdAlO3 system. Journal of Solid State Chemistry, 2013, 198, 101-107.	2.9	9
111	Zintlâ€Phase Sr₃LiAs₂H: Crystal Structure and Chemical Bonding Analysis by the Electron Localizability Approach. Chemistry - A European Journal, 2015, 21, 14471-14477.	3.3	9
112	Successive Phase Transitions in Fe²⁺ Ladder Compounds Sr₂Fe₃Ch₂O₃ (Ch = S, Se). Inorganic Chemistry, 2017, 56, 12606-12614.	4.0	9
113	Lutetium Trigermanide LuGe3: High-Pressure Synthesis, Superconductivity, and Chemical Bonding. Inorganic Chemistry, 2018, 57, 10295-10302.	4.0	9
114	Phase-Transition-Enhanced Thermoelectric Transport in Rickardite Mineral Cu_{3â€“x}Te₂. Chemistry of Materials, 2021, 33, 1832-1841.	6.7	9
115	Mg₃Pt₂: Anionic Chains in a Eu₃Ga₂-Type Structure. Inorganic Chemistry, 2021, 60, 13681-13690.	4.0	9
116	Electronic properties and crystal structures of RE3Rh2Ga2 and RE3Rh3Si2 (RE=La, Ce). Intermetallics, 2007, 15, 225-232.	3.9	8
117	Site Occupation Reversal in the C14 Laves Phase Nb(Cr_{1â€“x}Co_x)₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 637-648.	1.2	8
118	Refinement of the crystal structure of dibarium tetrasilicide, Ba2Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	8
119	Unusual Silicon Connectivities in the Binary Compounds GdSi₅, CeSi₅, and Ce₂Si₇. Angewandte Chemie - International Edition, 2010, 49, 9002-9006.	13.8	8
120	K3Ln[OB(OH)2]2[HOPO3]2 (Ln=Yb, Lu): Layered rare-earth dihydrogen borate monohydrogen phosphates. Journal of Solid State Chemistry, 2011, 184, 1517-1522.	2.9	8
121	Preparation, Crystal Structure and Physical Properties of the Superconducting Cage Compound Ba₃Ge₁₆Ir₄. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 760-767.	1.2	8
122	Na3[BN2] and Na2K[BN2]: A Known and a Novel Alkali Metal Dinitridoborate Obtained via Mild Thermal Dehydrogenation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 279-285.	1.2	8
123	[Cs₆Cl][Fe₂₄Se₂₆]: A Hostâ€“Guest Compound with Unique Feâ€“Se Topology. Chemistry - A European Journal, 2016, 22, 4626-4631.	3.3	8
124	High-Pressure Synthesis and Chemical Bonding of Barium Trisilicide BaSi3. Materials, 2019, 12, 145.	2.9	8
125	Crystal Structure and Physical Properties of the Cage Compound Hf₂B_{2â€“2Î´}Ir_{5+Î´}. Inorganic Chemistry, 2020, 59, 14280-14289.	4.0	8
126	Be₃Ru: Polar Multiatomic Bonding in the Closest Packing of Atoms. ChemistryOpen, 2022, 11, .	1.9	8

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127	Yb2+3â€”xPd12â€”3+xP7 (x = 0.40): Different Ytterbium Species in a Substituted Structural Motif of the Zr2Fe12P7 Type. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 1062-1067.	1.2	7
128	Ternary Rare Earth Platinum GermanidesRE2Pt9Ge3 (RE = Y, Tb-Lu) Crystallizing with a Monoclinic Structure Closely Related to Orthorhombic Y2Co3Ga9. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1218-1226.	1.2	7
129	On the crystal structure of Î³-AgMg4. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.8	7
130	Magnesium-Containing Polyanion and Intermediate Europium Valence: Crystal Structure, Chemical Bonding, and Properties of EuMg_{1â^’x}Tl_{1+x} (x =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	7	
131	Physical properties and crystal chemistry of Ce₂Ga₁₂Pt. Journal of Physics Condensed Matter, 2012, 24, 256006.	1.8	7
132	A type-II clathrate with a Li-Ge framework. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 543-556.	0.8	7
133	The crystal growth and properties of novel magnetic double molybdate RbFe₅(MoO₄)₇with mixed Fe³⁺/Fe²⁺states and 1D negative thermal expansion. CrystEngComm, 2021, 23, 3297-3307.	2.6	7
134	Tricyanidoferrates(â^’IV) and Ruthenates(â^’IV) with Nonâ€Innocent Cyanido Ligands. Angewandte Chemie - International Edition, 2021, 60, 15879-15885.	13.8	7
135	The untypical high-pressure Zintl phase SrGe₆. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 209-216.	0.7	7
136	Non-centrosymmetric superconductor Th$$_4$$Be$$_{{33}}$$Pt$$_{{16}}$$ and heavy-fermion U$$_4$$Be$$_{{33}}$$Pt$$_{{16}}$$ cage compounds. Scientific Reports, 2021, 11, 22352.	3.3	7
137	Interaction of neodymium and silicon with ruthenium and osmium: phase diagrams and structural chemistry of ternary compounds. Journal of Alloys and Compounds, 1996, 244, 161-163.	5.5	6
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