Yurii Prots

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5945836/publications.pdf

Version: 2024-02-01

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	FeWO₄ Single Crystals: Structure, Oxidation States, and Magnetic and Transport Properties. Chemistry of Materials, 2022, 34, 789-797.	6.7	6
2	Polycationâ€“Polyanion Architecture of the Intermetallic Compound Mg3â^'xGa1+xIr. Molecules, 2022, 27, 659.	3.8	10
3	Non-innocent cyanido ligands: tetracyanidoferrate(â€“<scp>ii</scp>) as carbonyl copycat. Dalton Transactions, 2022, 51, 7811-7816.	3.3	2
4	Be₃Ru: Polar Multiatomic Bonding in the Closest Packing of Atoms. ChemistryOpen, 2022, 11, .	1.9	8
5	Superconductivity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>MoBe</mml:mi></mml:mrow><mml:mn> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>WBe</mml:mi></mml:mrow><mml:mn>2 at ambient- and under applied-pressure conditions. Physical Review Materials, 2022, 6, .	2.4	0
6	â€œExcessâ€•electrons in LuGe. Angewandte Chemie - International Edition, 2021, 60, 6457-6461.	13.8	10
7	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
8	â€œÃœberschussâ€â€Elektronen in LuGe. Angewandte Chemie, 2021, 133, 6531-6535.	2.0	0
9	Phase-Transition-Enhanced Thermoelectric Transport in Rickardite Mineral Cu_{3â€“x}Te₂. Chemistry of Materials, 2021, 33, 1832-1841.	6.7	9
10	Tricyanidoferrate(â^'IV) und â€ruthenate(â^'IV) mit redoxâ€aktiven Cyanidoâ€Liganden. Angewandte Chemie, 2021, 133, 16015-16021.	2.0	2
11	Tricyanidoferrates(â^'IV) and Ruthenates(â^'IV) with Nonâ€innocent Cyanido Ligands. Angewandte Chemie - International Edition, 2021, 60, 15879-15885.	13.8	7
12	Bellâ€“like [Ga 5] clusters in Sr 3 Li 5 Ga 5 : synthesis, crystal structure and bonding analysis.. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1797-1803.	1.2	2
13	Superconductivity and magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>R</mml:mi><mml:mn>4</mml:mn></mml:m <mml:math		

#	Article	IF	Citations
19	Crystal Structure and Physical Properties of the Cage Compound Hf₂B_{2â€“2Î´}Ir_{5+Î´}. Inorganic Chemistry, 2020, 59, 14280-14289.	4.0	8
20	Impact of inversion symmetry on a quasi-1D Sâ€‰â€‰=â€‰â€‰1 system. Journal of Physics Condensed Matter, 2020, 32, 225802.	1.8	0
21	Intermediate Valence Behavior of Yb₂Cu₉Al₈. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1238-1243.	1.2	4
22	Y₄Be₃₃Pt₁₆ â€“ a non-centrosymmetric cage superconductor with multi-centre bonding in the framework. Dalton Transactions, 2020, 49, 9362-9368.	3.3	11
23	Structural, thermodynamic and magnetotransport properties of half-Heusler compound HoPtSb. Journal of Alloys and Compounds, 2020, 829, 154467.	5.5	12
24	From Zintl to Wade: Ba₃LiGa₅ â€“ A Structure Pattern with Pyramidal Cluster Chains â€“[Ga₅]_nâ€“. European Journal of Inorganic Chemistry, 2020, 2020, 2842-2849.	2.0	4
25	The untypical high-pressure Zintl phase SrGe₆. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 209-216.	0.7	7
26	Unconventional Metalâ€“Framework Interaction in MgSi₅. Angewandte Chemie - International Edition, 2019, 58, 12914-12918.	13.8	14
27	Unkonventionelle Metallâ€Netzwerkâ€Wechselwirkungen in MgSi 5. Angewandte Chemie, 2019, 131, 13046-13050.	2.0	2
28	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be₅Pt. Angewandte Chemie - International Edition, 2019, 58, 15928-15933.	13.8	32
29	Charge, lattice and magnetism across the valence crossover in EuIr₂Si₂ single crystals. Journal of Physics Condensed Matter, 2019, 31, 305602.	1.8	10
30	Fermi surface investigation of the filled skutterudite LaRu4As12. Physical Review B, 2019, 100, .	3.2	4
31	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be₅Pt. Angewandte Chemie, 2019, 131, 16075-16080.	2.0	5
32	High-Pressure Synthesis and Chemical Bonding of Barium Trisilicide BaSi3. Materials, 2019, 12, 145.	2.9	8
33	Synthesis and Atomic Structure of the Ybâ€“Gaâ€“Au 1/1 Quasicrystal Approximant. Inorganic Chemistry, 2019, 58, 6320-6327.	4.0	5
34	Sr4 N[CN2][C2 N]: The First Carbodiimide Acetonitriletriide. European Journal of Inorganic Chemistry, 2019, 2019, 1207-1211.	2.0	5
35	Preparation of cobalt borides by solidâ€“gas reactions. Dalton Transactions, 2019, 48, 17184-17191.	3.3	0
36	Modulated vacancy ordering in SrGe_{6â^’} _x (xâ‰ˆ0.45). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 137-145.	0.7	3

#	Article	IF	Citations
37	Cluster Formation in the Superconducting Complex Intermetallic Compound Be₂₁Pt₅. Accounts of Chemical Research, 2018, 51, 214-222.	15.6	29
38	Abnormal specific heat enhancement and non-Fermi-liquid behavior in the heavy-fermion system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">U</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mrow><mml:mn>1</mml:mn><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo. Physical Review B, 2018, 97...	3.2	2
39	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
40	Ca₁₂[Mn₁₉N₂₃] and Ca₁₃₃[Mn₂₁₆N₂₆₀]: Structural Complexity by 2D Intergrowth. Angewandte Chemie, 2018, 130, 11753-11757.	2.0	1
41	Extended Chemical Flexibility of Cubic Anti-Perovskite Lithium Battery Cathode Materials. Inorganic Chemistry, 2018, 57, 13296-13299.	4.0	11
42	Lutetium Trigermanide LuGe3: High-Pressure Synthesis, Superconductivity, and Chemical Bonding. Inorganic Chemistry, 2018, 57, 10295-10302.	4.0	9
43	Ba4[Mn3N6], a Quasi-One-Dimensional Mixed-Valent Nitridomanganate (II, IV). Crystals, 2018, 8, 235.	2.2	6
44	Compositional evolution of the NaZn₁₃ structure motif in the systems Laâ€“Niâ€“Ga and Ceâ€“Niâ€“Ga. Dalton Transactions, 2018, 47, 12951-12963.	3.3	3
45	Ca12[Mn19N23] and Ca133[Mn216N260]: Structural Complexity by 2D Intergrowth. Angewandte Chemie - International Edition, 2018, 57, 11579-11583.	13.8	4
46	Synthesis and characterization of sulfide oxide SrZnSO with strongly polar crystal structure. Journal of Solid State Chemistry, 2017, 246, 225-229.	2.9	23
47	Anti-Perovskite Li-Battery Cathode Materials. Journal of the American Chemical Society, 2017, 139, 9645-9649.	13.7	48
48	Anomalous Thermal Expansion of HoCo0.5Cr0.5O3 Probed by X-ray Synchrotron Powder Diffraction. Nanoscale Research Letters, 2017, 12, 442.	5.7	5
49	Successive Phase Transitions in Fe²⁺ Ladder Compounds Sr₂Fe₃Ch₂O₃ (Ch = S, Se). Inorganic Chemistry, 2017, 56, 12606-12614.	4.0	9
50	Hierarchical and chemical space partitioning in new intermetallic borides MNi21B20 (M = In, Sn). Dalton Transactions, 2017, 46, 13446-13455.	3.3	5
51	Synthesis of a Cu-Filled Rh₁₇S₁₅ Framework: Microwave Polyol Process Versus High-Temperature Route. Inorganic Chemistry, 2017, 56, 11513-11523.	4.0	3
52	A type-II clathrate with a Li-Ge framework. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 543-556.	0.8	7
53	Intermediate-Valence Ytterbium Compound Yb₄Ga₂₄Pt₉: Synthesis, Crystal Structure, and Physical Properties. Inorganic Chemistry, 2017, 56, 9343-9352.	4.0	12
54	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

#	Article	IF	Citations
55	Fluctuation-induced first-order transition in Eu-based trillium lattices. Physical Review B, 2017, 96, .	3.2	27
56	Concentration- and temperature-induced phase transitions in NdAlO3â^'TbAlO3 and NdAlO3â^'DyAlO3 systems. Journal of Alloys and Compounds, 2017, 693, 667-673.	5.5	0
57	Single Crystal Growth and Anisotropic Magnetic Properties of Li2Sr[Li1 â^' xFexN]2. Inorganics, 2016, 4, 42.	2.7	12
58	Metal Vacancy Ordering in an Antiperovskite Resulting in Two Modifications of Fe 2 SeO. Angewandte Chemie, 2016, 128, 9526-9529.	2.0	0
59	Metal Vacancy Ordering in an Antiperovskite Resulting in Two Modifications of Fe₂SeO. Angewandte Chemie - International Edition, 2016, 55, 9380-9383.	13.8	10
60	[Cs₆Cl][Fe₂₄Se₂₆]: A Hostâ€“Guest Compound with Unique Feâ€“Se Topology. Chemistry - A European Journal, 2016, 22, 4626-4631.	3.3	8
61	Synthesis, crystal structure, and physical properties of a new boride Ga 2 Ni 21 B 20 with a modified Zn 2 Ni 21 B 20 -type structure. Solid State Sciences, 2016, 55, 93-97.	3.2	5
62	Ultrasmall functional ZnO₂ nanoparticles: synthesis, characterization and oxygen release properties. RSC Advances, 2016, 6, 84777-84786.	3.6	14
63	Badâ€Metalâ€Layered Sulfide Oxide CsV₂S₂O. European Journal of Inorganic Chemistry, 2016, 2016, 23-27.	2.0	12
64	Fused Perovskite Tunnel Structures in Ba₅Fe_{6+x}S_{4+x}O₈ (0.44â‰¤xâ‰¤0.55) with xâ€Dependent Twoâ€Stage Magnetizations. Chemistry - A European Journal, 2016, 22, 11303-11309.	3.3	2
65	Anomalous Thermal Behaviour of Mixed Cobaltites-Ferrites and Cobaltites-Chromites. Solid State Phenomena, 2016, 257, 99-102.	0.3	2
66	Synthesis and Characterization of Cs_{1â€“x}Ti₂Te₂O (x) Tj ETQq0 0 0 rgBT /Overloc	4.0	4
67	The new barium compound Ba4Al7+x : formation and crystal structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 611-619.	0.7	2
68	A novel europium (III) nitridoborate Eu3[B3N6]: Synthesis, crystal structure, magnetic properties, and Raman spectra. Journal of Solid State Chemistry, 2016, 239, 75-83.	2.9	4
69	AlPd15B7: a new superconducting cage-compound with an anti-Yb3Rh4Sn13-type of structure. Dalton Transactions, 2016, 45, 3943-3948.	3.3	5
70	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
71	Synthesis and Characterization of Frustrated Spin Ladders SrFe₂S₂O and SrFe₂Se₂O. European Journal of Inorganic Chemistry, 2015, 2015, 2982-2988.	2.0	15
72	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

#	Article	IF	Citations
73	Ba₃V₂S₄O₃: A Mott Insulating Frustrated Quasiâ€Oneâ€Dimensional S=1 Magnet. Chemistry - A European Journal, 2015, 21, 7938-7943.	3.3	19
74	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
75	Synthesis and Crystal Structure of the Electronâ€Rich Cyanoâ€Rhodate Ba₃[Rh(CN)₃]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 998-1001.	1.2	5
76	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
77	Ca3[BN2]I3: The First Halide-Rich Alkaline Earth NitridoÂborate with Isolated [BN2]3-Units. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2014-2019.	1.2	4
78	Synthesis, crystal structure and properties of the new superconductors TaRuB and NbOsB. Journal of Physics Condensed Matter, 2015, 27, 415701.	1.8	16
79	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
80	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
81	Structural behavior in the EuCoO<inf>3</inf>-EuFeO<inf>3</inf> System. , 2014, , .		0
82	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
83	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
84	BaGe6and BaGe6-x: Incommensurately Ordered Vacancies as Electron Traps. Inorganic Chemistry, 2014, 53, 12699-12705.	4.0	6
85	Phase and structural behaviour in the SmAlO<inf>3</inf>-TbAlO<inf>3</inf> system. , 2014, , .		1
86	Two New Arsenides, Eu₇Cu₄₄As₂₃ and Sr₇Cu₄₄As₂₃, With a New Filled Variety of the BaHg₁₁ Structure. Inorganic Chemistry, 2014, 53, 11173-11184.	4.0	14
87	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
88	Thermoelectric properties of single- and polycrystalline RuGa3. Solid State Sciences, 2014, 32, 56-60.	3.2	16
89	Synthesis, crystal structure and magnetic properties of Li0.44Eu3[B3N6]. Journal of Solid State Chemistry, 2014, 210, 96-101.	2.9	2
90	Phase and structural behavior of SmAlO3â€"RAlO3 (R=Eu, Gd) systems. Materials Research Bulletin, 2014, 50, 509-513.	5.2	10

#	Article	IF	Citations
91	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
92	S = 2 Spin Ladders in the Sulfide Oxide BaFe₂S₂O. European Journal of Inorganic Chemistry, 2014, 2014, 6150-6155.	2.0	18
93	Superconducting non-centrosymmetric boride Mg10Ir19B16: crystal structure and chemical bonding. Chemistry of Metals and Alloys, 2014, 7, 74-84.	0.1	4
94	Yb2Al15Pt6 - the most ordered variety of the Sc1.2Fe4Si9.8 aristotype. Chemistry of Metals and Alloys, 2014, 7, 85-99.	0.1	13
95	High pressure high-temperature behavior and magnetic properties of Fe₄N: experiment and theory. High Pressure Research, 2013, 33, 684-696.	1.2	27
96	Synthesis, Structure, and Properties of Two Zintl Phases around the Composition SrLiAs. Inorganic Chemistry, 2013, 52, 8971-8978.	4.0	10
97	Crystal structure and phase stability of the Î¦ phase in the Alâ€“Mgâ€“Zn system. Intermetallics, 2013, 32, 259-273.	3.9	14
98	Tetragonal-antiprismatic coordination of transition metals in intermetallic compounds: Ï‰1-Mn6Ga29 and its structuralrelationships. Journal of Solid State Chemistry, 2013, 199, 141-148.	2.9	4
99	Cs₇Nd₁₁(SeO₃)₁₂Cl₁₆: First Noncentrosymmetric Structure among Alkaline-Metal Lanthanide Selenite Halides. Inorganic Chemistry, 2013, 52, 3611-3619.	4.0	19
100	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
101	Lattice crossover and phase transitions in NdAlO3â€“GdAlO3 system. Journal of Solid State Chemistry, 2013, 198, 101-107.	2.9	9
102	Phase and Structural Behaviour in the NdAlO₃-EuAlO₃ System. Solid State Phenomena, 2013, 200, 93-99.	0.3	3
103	Crystal Structure Of Cadmium Iridium, Cd41Ir8. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 299-300.	0.3	2
104	Physical properties and crystal chemistry of Ce₂Ga₁₂Pt. Journal of Physics Condensed Matter, 2012, 24, 256006.	1.8	7
105	Phase composition and crystal structure of the RE-substituted BiFeO<inf>3</inf> (RE = Er, Tm, Yb). , 2012, , .		0
106	Crystal structure of yttrium iron aluminium (1/2/10), YFe2Al10. Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 289-290.	0.3	5
107	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
108	Synthesis and thermal decomposition of scandium hydrogenphosphite Sc2(HPO3)3. Thermochimica Acta, 2012, 543, 267-272.	2.7	3

#	Article	IF	Citations
109	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
110	Crystal structure and magnetic properties of NaCuII[(CuII3O)(PO4)2Cl]. Journal of Solid State Chemistry, 2012, 192, 47-53.	2.9	4
111	Li(H2O)2-x[Zr2(PO4)3]: A Li-Filled Langbeinite Variant (x= 0) as a Precursor for a Metastable Dehydrated Phase (x= 2). Chemistry of Materials, 2011, 23, 1601-1606.	6.7	6
112	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
113	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
114	Nanoporous titanium borophosphates with rigid gainesite-type framework structure. Chemical Communications, 2011, 47, 11695.	4.1	5
115	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
116	NaSc₃[HPO₃]₂[HPO₂(OH)]₆: Synthesis, Crystal Structure, and Thermal Decomposition. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1108-1113.	1.2	5
117	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
118	Synthesis, Crystal Structure and Chemical Bonding of the Zintl Phase Rb₇NaSi₈. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1982-1991.	1.2	17
119	Bell-Like [Ga5] Clusters in Eu3Li5+xGa5-x (x = 0.15). European Journal of Inorganic Chemistry, 2011, 2011, 3904-3908.	2.0	6
120	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
121	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
122	Crystal structure of calcium nickel digallide, CaNiGa2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	2
123	Crystal structure of ytterbium trisilicide, YbSi3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	5
124	Crystal structure of the incommensurate modulated composite ruthenate [Ba]_{1.30}[(Ru,Cu)O₃]. Zeitschrift FÃ¼r Kristallographie, 2010, 225, 274-279.	1.1	1
125	Crystal structures of zirconium-platinum-silicon (1:1:1), ZrPtSi, zirconium-platinum-germanium (1:1:1), ZrPtGe and titanium-platinum-silicon (1:1:1), TiPtSi. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 7-9.	0.3	3
126	Preparation and characterization of the layered borophosphates MII(H2O)2[B2P2O8(OH)2]Â·H2O (MII=Fe,) Tj ETQq0 0 0 rgBT /Overloc	2.4	5

#	Article	IF	Citations
127	Unusual Silicon Connectivities in the Binary Compounds GdSi₅, CeSi₅, and Ce₂Si₇. Angewandte Chemie - International Edition, 2010, 49, 9002-9006.	13.8	8
128	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
129	NaSc[BP₂O₆(OH)₃][(HO)PO₃]: Synthesis and Crystal Structure of an Alkaliâ€Metal Scandium Borophosphate HydrogenphosphateÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 19-22.	1.2	5
130	RE₄[P_{1â€“x}(C₂)_x]₃ (RE = Laâ€“Nd): the Mixed Anionic Substructure Formed by Phosphorus and CarbonÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1318-1325.	1.2	0
131	[CoN₂]/[CN₂]â€Substitution in a Crystalline Phase withÂ Composition Close to Sr₆[CoN₂]₂[CN₂]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1297-1300.	1.2	6
132	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
133	Crystal structure of lanthanum gallium antimonide, La12Ga3.26Sb24.02. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 229-230.	0.3	1
134	Refinement of the crystal structure of palladium gallium (1:1), PdGa. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 617-618.	0.3	27
135	Crystal structure of trilithium divanadium(III) borophosphate hydrogenphosphate, Li3V2[BP3O12(OH)][HPO4]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 3-4.	0.3	3
136	Crystal structure of cobalt manganese monoaqua catena-[monohydrogenborate-tris(hydrogenphosphate)], (Co0.6Mn0.4)2(H2O)[BP3O9(OH)4]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 371-372.	0.3	2
137	Crystal structures of rubidium scandium bis(hydrogenphosphate), RbSc(HPO4)2, and ammonium scandium bis(hydrogenphosphate), NH4Sc(HPO4)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	0
138	Crystal Structure Of Magnesium Iridium Boride, Mg2Ir1-xB6+2r (x = 0.3). Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 19-20.	0.3	0
139	Crystal structure of potassium ammonium molybdato phosphate, K5-x(NH4)xP[Mo4O14(OH)]2 Â· 2H2O (x) Tj ETQq1 1 0.784314 rgBT	0.3	0
140	Crystal structure of magnesium iridium boride, Mg2Ir1-xB6+2x (x = 0.3). Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	0
141	Crystal structure of zirconium phosphide sulphide, ZrP1.4S0.6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 375-376.	0.3	0
142	Electronic structure and magnetic properties of the spin-1/2 Heisenberg system CuSe₂O₅. New Journal of Physics, 2009, 11, 113034.	2.9	35
143	Electronic structure and thermodynamic properties of CeRh₂Sn₄and LaRh₂Sn₄. Journal of Physics Condensed Matter, 2009, 21, 325601.	1.8	11
144	Crystal structure of dieuropium(II) dinitridoborate bromide, Eu2[BN2]Br. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 379-380.	0.3	1

#	Article	IF	Citations
145	Crystallographic and physical properties of RE2â^'xNi21B6 (RE=Er, Yb and Lu). Solid State Sciences, 2009, 11, 507-512.	3.2	10
146	Synthesis and Crystal Structure of KSc(HPO₄)₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 33-35.	1.2	5
147	Synthesis and Crystal Structure of CaCo(H2O)[BP2O8(OH)]Â·H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 614-617.	1.2	12
148	Synthesis and Crystal Structure of SrFe[BP2O8(OH)2]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1153-1156.	1.2	5
149	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
150	Ce₂Pt₈P: A Phosphidoâ€platinide with Covalently Bonded Framework PolyanionÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1863-1868.	1.2	6
151	Orderâ€“disorder transition and valence state of ytterbium in YbAuxGa2â^'x (0.26â‰¤xâ‰¤1.31). Journal of Solid State Chemistry, 2009, 182, 3374-3382.	2.9	5
152	Crystal chemistry and magnetic properties of ternary compounds REAgxGa3â^'x (RE=Sm, Gd, Tb, Dy, Ho,) Tj ETQq0 0 0 rgBT /Overlock 10	5.5	4
153	Crystal structure of dicaesium diaquatricobalt(II) (phosphate-borate-hydrogenphosphate), Cs2Co3(H2O)2[B4P6O24(OH)2]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 1-2.	0.3	1
154	Refinement of the crystal structure of dibarium tetrasilicide, Ba2Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	8
155	Crystal structure of cobalt manganese monoaqua catena-[monohydrogenborate-tris(hydrogenphosphate)], (Co0.6Mn0.4)2(H2O)[BP3O9(OH)4]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 391-392.	0.3	0
156	Crystal structure of magnesium iridoboride, MgIrB. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	0
157	Refinement of the crystal structure of barium hexasilicide, BaSi6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 347-348.	0.3	6
158	Crystal Structures Of Rubidium Scandium Bis(Hydrogenphosphate), Rbsc(HP04)2, And Ammonium Scandium Bis(Hydrogenphosphate), NH4Sc(HP04)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 21-23.	0.3	1
159	Refinement Of The Crystal Structure Of Dibarium Tetrasilicide, Ba2Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 7-8.	0.3	16
160	Crystal Structure Of Dicaesium Diaquatricobalt(II) (Phosphate-Boratehydrogenphosphate), CS2C03(H2O)2[B4P6O24(OH)2]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 1-2.	0.3	0
161	Crystal structure of dieuropium(II) dinitridoborate bromide, Eu2[BN2]Br. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 399-400.	0.3	0
162	Refinement of the crystal structure of barium hexasilicide, BaSi6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 367-368.	0.3	0

#	Article	IF	Citations
163	Crystal Structure Of Potassium Ammonium Molybdato Phosphate, Îš5-x(ÎH4)xP[Îœo4O14(ÎŸH)]2 Â· 2H2O (x =) Tj ETQq1 1 0.784314	0.3	0
164	Crystal Structure Of Magnesium Iridoboride, MglrB. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 17-18.	0.3	0
165	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
166	New scandium rhodium boride Sc4Rh17B12 with a framework structure: synthesis, crystal structure, and properties. Russian Chemical Bulletin, 2008, 57, 532-540.	1.5	2
167	Zn[BPO₄(OH)₂]: A Zinc Borophosphate with the Rare Moganiteâ€Type Topology. Chemistry - A European Journal, 2008, 14, 1757-1761.	3.3	17
168	Shape Development and Structure of a Complex (Otoconiaâ€Like?) Calciteâ€"Gelatine Composite. Angewandte Chemie - International Edition, 2008, 47, 8280-8284.	13.8	48
169	Synthesis, chemical bonding and physical properties of RERhB4 (RE=Y, Dyâ€"Lu). Journal of Solid State Chemistry, 2008, 181, 1983-1991.	2.9	48
170	Crystal structure of hemicalcium diaquairon(II) catena-(monoborodiphosphate) monohydrate, Ca0.5Fe(H2O)2[BP2O8] Â· H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 9-54.	0.3	1
171	Crystal structure of lithium diaquacobalt(II) catena-monoborodiphosphate monohydrate, LiCo(H2O)2[BP2O8] Â·H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 333-334.	0.3	4
172	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 3		
173	Na3PbII[B(O3POH)4]: An Alkali-Metal Lead Borophosphate with Heterocubane-like Units Na3PbO4. Inorganic Chemistry, 2008, 47, 10193-10195.	4.0	5
174	Crystal structure of barium iron(II) (monophosphate-hydrogenmonoborate- monophosphate), BaFe[BP2O8(OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 337-338.	0.3	0
175	Crystal structure of caesium scandium bis(monohydrogenmonophosphate), CsSc(HPO4)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 321-322.	0.3	2
176	Crystal structure of barium cobalt(II) (monophosphate-hydrogenmonoborate- monophosphate), BaCo[BP2O8(OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 339-340.	0.3	0
177	Crystal structure of dilithium scandium (monophosphatemonohydrogenmonophosphate), Li2Sc[(PO4)(HPO4)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 319-320.	0.3	3
178	Structure, luminescence and scintillation properties of the MgWO₄â€"MgMoO₄system. Journal of Physics Condensed Matter, 2008, 20, 365219.	1.8	50
179	Refinement of the crystal structure of dipalladium gallium, Pd2Ga. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 7-8.	0.3	24
180	Crystal structure of cerium platinum phosphide, CePt4P2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 331-332.	0.3	1

#	Article	IF	Citations
181	Refinement of the crystal structures of scandium nickel boride, Sc2Ni21B6 and zirconium nickel boride, Zr2Ni21B6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 327-328.	0.3	0
182	Na₅(NH₄)Mn₃[B₉P₆O₃₃(OH)₃]Â·1.5H₄. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i82-i83.	0.2	0
183	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
184	Crystal structure of potassium vanadium (monophosphatehydrogenmonoborate- monophosphate), KV[BP2O8(OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 323-324.	0.3	1
185	Crystal structure of calcium iron(II) hydrogenmonophosphatedihydrogenmonoborate-monophosphate, CaFe[BP2O7(OH)3]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 335-336.	0.3	2
186	Refinement of the crystal structure of tetrasodium tetrasilicide, Na4Si4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 187-188.	0.3	29
187	Crystal structure of tetrapotassium diarsenidozincate, K4ZnAs2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 163-164.	0.3	6
188	Crystal structure of barium tetracalcium bis(dinitridocobaltate(I)), BaCa4[CoN2]2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 167-168.	0.3	0
189	Crystal structures of titanium palladium germanium, TiPdGe, two polymorphic modifications. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 173-174.	0.3	1
190	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
191	Structure and transport properties of new rare-earth gallium telluride YbGa6Te10. Journal of Alloys and Compounds, 2007, 442, 345-347.	5.5	4
192	Electronic properties and crystal structures of RE3Rh2Ga2 and RE3Rh3Si2 (RE=La, Ce). Intermetallics, 2007, 15, 225-232.	3.9	8
193	Ternary Magnesium Rhodium Boride Mg2Rh1-xB6+2x with a Modified Y2ReB6-Type Crystal Structure. Inorganic Chemistry, 2007, 46, 7378-7386.	4.0	16
194	Crystal structure and twinning of HfPdGe. Zeitschrift FÃ¼r Kristallographie, 2007, 222, .	1.1	10
195	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
196	Crystal structure of hemicalcium diaquanickel(II) catena-(monoborodiphosphate) monohydrate, Ca0.5Ni(H2O)2[BP2O8] Â· H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 1-2.	0.3	3
197	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
198	K₇B₇Si₃₉, a Borosilicide with the Clathrateâ€…I Structure. Angewandte Chemie - International Edition, 2007, 46, 6725-6728.	13.8	58

#	Article	IF	Citations
199	Thermo-chemical properties and electrical resistivity of Zr-based arsenide chalcogenides. Science and Technology of Advanced Materials, 2007, 8, 341-346.	6.1	13
200	Nd₂[MoC₂] and RE₂[WC₂], RE = Ce, Pr, Nd: New carbometalates with Pr₂[MoC₂] structure type. Science and Technology of Advanced Materials, 2007, 8, 364-370.	6.1	1
201	Crystal structure and local order in Co₆Al_{11â^'x}Si_{6+x}. Acta Crystallographica Section B: Structural Science, 2007, 63, 551-560.	1.8	2
202	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
203	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
204	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
205	Resistivity Anomaly in Structurally Disordered PbFCl-type Arsenide Selenides. Journal of Low Temperature Physics, 2007, 147, 309-319.	1.4	6
206	A new borophosphate chain anion in an organo-templated iron(III) borophosphate: Synthesis, crystal structure and magnetic properties of (Câ„Hâ€â„Nâ„)â‚ƒFeIIIâ‚†(Hâ„O)â„[Bâ‚†Pâ€â„Oâ‚…â€(OH)â„]Â·2Hâ„O. Science and Technology of Advanced Materials, 2007, 8, 399-405.	6.1	6
207	High-pressure synthesis of the electron-excess compound CaSi6. Science and Technology of Advanced Materials, 2007, 8, 383-388.	6.1	34
208	High-pressure chemistry of nitride-based materials. Chemical Society Reviews, 2006, 35, 987.	38.1	200
209	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
210	Chirality and Magnetism in a Novel Series of Isotypic Borophosphates:â€‰ MII[BPO4(OH)2] (MII = Mn, Fe,) Tj ETQq0 0 0 rgBT /Overloc	4.0	34
211	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
212	Crystal structures of Ba5Ru3â^'xâ^'yAlxGayO11 with x=1.24(2), y=0; x=0.67(1), y=0.450(6) and x=0, y=1.26(2). Journal of Alloys and Compounds, 2006, 414, 269-275.	5.5	5
213	Crystal structures of trigadolinium tetraphosphidoheptapalladate, Gd3Pd7P4, and triterbium tetraphosphidoheptapalladate, Tb3Pd7P4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 238-240.	0.3	0
214	Crystal structure of tristrontium octagallide, Sr3-x+Ga8+3x(x = 0.15). Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 257-258.	0.3	0
215	Crystal structures of cobalt aluminum silicide, Co19+x Al43+y (x = -0.14, y = 0.14; Ï‡ - 0.49, y = -0.49), the Î³ phase in the Co-Al-Si system. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 115-118.	0.3	0
216	Crystal structures of cobalt aluminum silicide, Co19+xAl43+ySi12-y (x = -0.14, y = 0.14; x = 0.49, y = -0.49), the Ï' phase in the Co-Al-Si system. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 115-118.	0.3	0

#	Article	IF	Citations
217	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
218	High-pressure Synthesis of Strontium Hexasilicide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1485-1492.	0.7	31
219	Crystal structure of calcium nickel(II) (monohydrogenmonophosphatedihydrogenmonoborate-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 221, 429-430.	0.3	2
220	Crystal structure of cobalt aluminum silicide, Co10+xAl23Si9-2x (x = 0.14), the Ït phase in the Co-Al-Si system. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 112-114.	0.3	0
221	Crystal structure of hafnium palladium gallium, HfPdGa. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 427-428.	0.3	2
222	Crystal structure of dieuropium trigallium iridium, Eu2Ga3Ir. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 263-264.	0.3	2
223	Crystal structure of rubidium scandium (monophosphate-hydrogenmonoborate- monophosphate), RbSc[BP2O8(0H)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 253-254.	0.3	2
224	Crystal structure of cobalt aluminum silicide, Co10+xAl23Si9â€“2x (x = 0.14), the Ït phase in the Co-Al-Si system. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 112-114.	0.3	0
225	Polymorphism of [Zn(2,2â€²-bipy)(H2PO4)2]2. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 37-41.	1.2	6
226	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
227	Crystal Structure of Ba3ZrRu2O9 â€“ a New 6H-(cch)2 Perovskite. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 572-576.	1.2	6
228	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
229	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
230	New type-I clathrates with ordered Eu distribution. Physica B: Condensed Matter, 2006, 383, 89-92.	2.7	15
231	Mg8Rh4B â€" A new type of boron stabilized Ti2Ni structure. Journal of Solid State Chemistry, 2006, 179, 2751-2760.	2.9	13
232	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
233	Crystal structures of lead(II) cobalt(II) (monophosphate-hydrogenmonoborate- monophosphate), PbCo[BP2O8(OH)], and lead(II) zinc(II) (monophosphate- hydrogenmonoborate-monophosphate), PbZn[BP2O8(0H)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 431-433.	0.3	1
234	Re-investigation of the crystal structure of trieuropium octagallide, Eu3-xGa8+3x (x=0.12). Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 265-266.	0.3	0

#	Article	IF	Citations
235	Crystal structures of (barium, europium) platinum trigermanium, Ba1-xEuxPtGe3 (x = 0,0.27,1). Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 109-111.	0.3	0
236	Crystal structure of potassium scandium (monophosphate-hydrogen monoborate-monophosphate), KSc[BP2O8(0H)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 251-252.	0.3	0
237	Synthesis, phase relationship and crystal structure of the new binary compound Ir13Al45. Journal of Solid State Chemistry, 2005, 178, 339-345.	2.9	16
238	Crystal Structure, Chemical Bonding, and Phase Relations of the Novel Compound Co4Al7+xSi2-x(0.27) Tj ETQq0 0 0 rgBT /Overlock 10	4.0	16
239	The Co2Al9 Structure Type Revisited.. ChemInform, 2005, 36, no.	0.0	0
240	Mg1-xRhB â€" A New Boridometallide with 2D Polyanion.. ChemInform, 2005, 36, no.	0.0	0
241	Ternary Rare Earth Platinum Germanides Ln2Pt9Ge3 (Ln: Y, Tbâ€"Lu) Crystallizing with a Monoclinic Structure Closely Related to Orthorhombic Y2Co3Ga9.. ChemInform, 2005, 36, no.	0.0	0
242	Structural Patterns and Dimensionality in Magnesium Borophosphates: The Crystal Structures of Mg2(H2O)[BP3O9(OH)4] and Mg(H2O)2 [B2P2O8(OH)2] Ã—H2O.. ChemInform, 2005, 36, no.	0.0	0
243	[C10N2H10] [ZnCl(HPO4)]2: A New Templated Zincophosphate Containing Tetrahedral Nets with 63 Topology.. ChemInform, 2005, 36, no.	0.0	0
244	Crystal Structure, Chemical Bonding, and Phase Relations of the Novel Compound Co4Al7+xSi2-x (0.27) Tj ETQq0 0 0 rgBT /Overlock 10	0.0	0
245	Novel Barium Beryllates Ba[Be2N2] and Ba3[Be5O8]: Syntheses, Crystal Structures and Bonding Properties.. ChemInform, 2005, 36, no.	0.0	0
246	Chain Structures in Alkali Metal Borophosphates: Synthesis and Characterization of K3[BP3O9(OH)3] and Rb3[B2P3O11(OH)2].. ChemInform, 2005, 36, no.	0.0	0
247	The Co2Al9 Structure Type Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 534-541.	1.2	61
248	Mg1?xRhB - a New Boridometallide with 2D Polyanion. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1047-1054.	1.2	17
249	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
250	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
251	[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
252	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

#	Article	IF	Citations
253	Refinement of the crystal structure of ytterbium nickel tetraboride, YbNiB4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 135-136.	0.3	4
254	Crystal structure of 1,2-ethylenediamine-dizinc diphosphate(III), Zn2(C2H8N2)(HPO3)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 475-476.	0.3	0
255	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
256	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
257	On the crystal structure of Î³-AgMg4. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.8	7
258	Crystal structure of trimagnesium monopalladium, Mg3Pd. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 309-310.	0.3	3
259	Crystal structure of diaqua(magnesium, cobalt) bis(hydroxyboro)bis-phosphate monohydrate, Mg1-xCOx(H2O)2[B2P2O8(OH)2] Â· H2O (x â‰ˆ 0.25). Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 565-566.	0.3	1
260	Crystal structure of europium lithium gallium, EuLi0.24Ga1.76. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, .	0.3	0
261	Crystal structure of mono(silver,gallium)trimagnesium,Ag0.55Ga0.45Mg3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 133-134.	0.3	0
262	Crystal structures of europium magnesium gallium, EuMgxGa4-x, and europium lithium gallium, EuLixGa4-x (x 0.5). Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 337-338.	0.3	2
263	Crystal structure of dimagnesium monopalladium, Mg2Pd. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 311-312.	0.3	0
264	Crystal structure of dilanthanum tris(monohydrogenphosphate(III)), La2(HPO3)3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 563-564.	0.3	0
265	Crystal structure of bis(ethylenediammonium) discandium(III) hexafluoride bis(hydrogenphosphate), (C2N2H10)2Sc2F6(HPO4)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 355-356.	0.3	2
266	Synthesis, crystal structure and chemical bonding of the novel compound IrGa2. Solid State Sciences, 2004, 6, 499-503.	3.2	11
267	Preparation and Crystal Structure of Ni16Si9Al. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 417-422.	1.2	10
268	Synthesis and Crystal Structure of [C10N2H10]2[P2Mo5O21(OH)2]Â·2H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 678-682.	1.2	3
269	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
270	Growth and Characterization of BPO4 Single Crystals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 655-662.	1.2	35

#	Article	IF	Citations
271	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
272	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
273	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
274	Novel Derivatives of the CaIn2 Type of Structure: Yb1+xMg1-xGa4 (0 â‰¤ x â‰¤ 0.058) and YLiGa4.. ChemInform, 2004, 35, no.	0.0	0
275	Preparation and Crystal Structure of Ni16Si9Al.. ChemInform, 2004, 35, no.	0.0	0
276	Synthesis, Crystal Structure and Chemical Bonding of the Novel Compound IrGa2.. ChemInform, 2004, 35, no.	0.0	0
277	Synthesis and Crystal Structure of [C10N2H10]2 [P2Mo5O21(OH)2] Ã—2H2O.. ChemInform, 2004, 35, no.	0.0	0
278	CeAgAs2 â€" A New Derivative of the HfCuSi2 Type of Structure: Synthesis, Crystal Structure and Magnetic Properties.. ChemInform, 2004, 35, no.	0.0	0
279	Growth and Characterization of BPO4 Single Crystals.. ChemInform, 2004, 35, no.	0.0	0
280	Yb2+3-xPd12-3+xP7 (x = 0.40): Different Ytterbium Species in a Substituted Structural Motif of the Zr2Fe12P7 Type.. ChemInform, 2004, 35, no.	0.0	0
281	Ca2[BN2]H: The First Nitridoborate Hydride â€" Synthesis, Crystal Structure, and Vibrational Spectra.. ChemInform, 2004, 35, no.	0.0	0
282	The novel silicide Eu3Si4: structure, chemical bonding, magnetic behavior and electrical resistivity. Journal of Solid State Chemistry, 2004, 177, 2115-2121.	2.9	19
283	Preparation and crystal structure of members of the solid solution phase Ba5Ru2â^'xAl1+xâ^'yCuyO11 with x=0.378, y=0.085 and x=0.5, y=0. Journal of Solid State Chemistry, 2004, 177, 1393-1400.	2.9	6
284	Refinement of the crystal structures of praseodymium- and samariumoxoborate-bis(oxophosphate)-oxide, Ln7O6[BO3][PO4]2, (Ln = Pr, Sm). Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 233-235.	0.3	6
285	Refinement of the crystal structure of diniobium trisoxydisulfate hydrate, Nb2O3(SO4)2 Â· 0.25 H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 99-100.	0.3	0
286	Refinement of the crystal structure of zirconium monobismuthide, ZrBi. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 3-4.	0.3	0
287	Crystal structure of yttrium copper gallide, Y3Cu4Ga7. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 231-232.	0.3	1
288	Crystal structure of hexabarium mononitride pentaindide, (Ba6N)[In5]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 381-382.	0.3	2

#	Article	IF	Citations
289	Crystal structure of diaqua-indium catena-monoboro-bisphosphate monohydrate, In(H2O)2[BP2O8] Â· H20. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 383-384.	0.3	1
290	Refinement of the crystal structure of diniobium trisoxydisulfate hydrate, Nb2O3(SO4)2 Â· 0.25H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 89-90.	0.3	4
291	Crystal structure of sodium scandium bis(monohydrogenphosphate), NaSc(HPO4)2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 375-376.	0.3	0
292	New Ternary Phosphide La7Pd17P12: Preparation and Crystal Structure.. ChemInform, 2003, 34, no.	0.0	0
293	Novel Derivatives of the CaIn2 Type of Structure: Yb1+xMg1â€"xGa4 (0â‰¤xâ‰¤ 0.058) and YLiGa4. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2470-2478.	1.2	6
294	Crystal structure of erbium vanadium tantal boride, Er(V0,23Ta0.23)VB6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 171-172.	0.3	0
295	The crystal structure of cerium decanickel tetraphosphide, CeNi10P4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 173-174.	0.3	0
296	Crystal structure of erbium vanadium tantal boride, Er(V0.77Ta0.23)VB6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 159-160.	0.3	1
297	Crystal structure of discandium tris-monohydrogenphosphate(III), Sc2(HPO3)3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 377-378.	0.3	4
298	The crystal structure of cerium decanickel tetraphosphide, CeNi10P4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 161-162.	0.3	0
299	New Ternary Phosphide La7Pd17P12: Preparation and Crystal Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 1409-1413.	0.7	4
300	Refinement of the crystal structure of dicerium heptanickel tetraphosphide, Ce2Ni7P4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2002, 217, 159-160.	0.3	0
301	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
302	Inelastic Neutron Scattering Spectroscopy of Diazenides: Detection of the Nï£¾N Stretch. ChemPhysChem, 2002, 3, 815-817.	2.1	11
303	Speciation of nitrogen â€" [N3â€"] and [N2 2â€"] â€" in binary compounds. Analytical and Bioanalytical Chemistry, 2002, 373, 880-882.	3.7	15
304	Refinement of the crystal structure of erbium vanadium tetraboride, ErVB4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2002, 217, 315-316.	0.3	0
305	Preparation, Crystal Structure, and Properties of Barium Pernitride, BaN2. Inorganic Chemistry, 2001, 40, 4866-4870.	4.0	83
306	SrN and SrN2: Diazenides by Synthesis under High N2-Pressure. Angewandte Chemie - International Edition, 2001, 40, 547-549.	13.8	90

#	Article	IF	Citations
307	Superconductivity inLa3Rh2Ge2and dense Kondo behavior inCe3Rh2Ge2. Physical Review B, 2001, 64, .	3.2	11
308	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
309	Phase and Crystal Structure Behaviour of Bi_{1-x}R_xFeO₃ (R = Er, Tm, Yb). Solid State Phenomena, 0, 200, 100-107.	0.3	2
310	Structural Behaviour of EuCoO₃and Mixed Cobaltites-Ferrites EuCo₁_{â^'}_xFe_xO₃. Solid State Phenomena, 0, 230, 31-38.	0.3	1
311	Structural Behaviour of Solid Solution in the SmAlO₃â^'TbAlO₃ System. Solid State Phenomena, 0, 230, 39-44.	0.3	2