

Wolfgang Jeitschko

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218
papers

5,955
citations

39
h-index

65
g-index

258
ext. papers

6,457
ext. citations

3.1
avg, IF

5.48
L-index

#	Paper	IF	Citations
218	ScFe ₅ P ₃ , ScRu ₆ P ₄ , U ₂ Mo ₃₀ P ₁₉ , and Other Ternary Phosphides with a Metal to Phosphorus Ratio close to 2:1. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2449-2457	1.3	3
217	The Phosphides U ₆ Fe ₃₀ P ₁₉ and U ₆ Co ₃₀ P ₁₉ with the Yb ₆ Co ₃₀ P ₁₉ Structure Type. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1342-1346	1.3	2
216	A Further Extension of Pnictide Oxide Chemistry [Synthesis and Structure of La ₂ AuP ₂ O]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 331-335	1.3	5
215	Scandium as an Element Intermediate between Rare Earth and Transition Metals in Intermetallics: Crystal Structures of Sc ₂ Fe ₁₂ P ₇ , Sc _{3.6} Fe _{10.4} P ₇ , and Sc ₂ Co ₄ P ₃ . Other New Compounds with Zr ₂ Fe ₁₂ P ₇ , Hf ₂ Co ₄ P ₃ , Sc ₅ Co ₁₉ P ₁₂ , and Yb ₆ Co ₃₀ P ₁₉ Type Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 770-778	1.3	12
214	Crystal Structure of the Silicide Phosphide Gd ₄ Co ₁₃ (Si, P) ₉ , the Isotypic Lanthanoid Cobalt Silicide Phosphides Ln ₄ Co ₁₃ (Si, P) ₉ (Ln = Sm, Tb, Dy, Ho, Er), and the Uranium Iron Phosphide U ₄ Fe ₁₃ P ₉ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 895-900	1.3	2
213	Actinoid transition metal phosphides An ₂ T ₁₂ P ₇ (An = Th, U; T = Fe, Co, Ni) and arsenides An ₂ T ₁₂ As ₇ (An = Th, U; T = Co, Ni) with Zr ₂ Fe ₁₂ P ₇ type structure. <i>Dalton Transactions</i> , 2010 , 39, 6067-7343	4.3	10
212	Rare Earth Ruthenium Gallides with the Ideal Composition Ln ₂ Ru ₃ Ga ₅ (Ln = La, Nd, Sm) crystallizing with U ₂ Mn ₃ Si ₅ (Sc ₂ Fe ₃ Si ₅) Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 636, 1100-1105	1.3	5
211	Quaternary Rare Earth Ruthenium and Osmium Phosphide Carbides RRu ₂ PC and ROs ₂ PC with DyFe ₂ SiC Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 1430-1434	1.3	3
210	The Lanthanoid Osmium Gallides Er ₂ Os ₃ Ga ₁₀ and Tm ₂ Os ₃ Ga ₁₀ with Yb ₂ Ru ₃ Ga ₁₀ -type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 499-503	1	0
209	ZrCuSiAs-type Phosphide Oxides: TbRuPO, DyRuPO, the Series LnOsPO (Ln = La, Ce, Pr, Nd, Sm), and ThAgPO. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008 , 63, 934-940	1	14
208	Ternary rare earth and actinoid transition metal carbides viewed as carbometalates. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 636-653	3.3	41
207	Synthesis and Crystal Structure of Hg ₂ V ₈ O ₂₀ [The First Ternary Mercury Vanadate with Mixed-valent Vanadium (IV/V)]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 1390-1396	1	0
206	The metal flux: a preparative tool for the exploration of intermetallic compounds. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6996-7023	16.4	393
205	Metallische Schmelzen [Reaktionsmedien zur Praparation intermetallischer Verbindungen. <i>Angewandte Chemie</i> , 2005 , 117, 7156-7184	3.6	51
204	Ternary Rare Earth Platinum Germanides RE ₂ Pt ₉ Ge ₃ (RE = Y, Tb, Lu) Crystallizing with a Monoclinic Structure Closely Related to Orthorhombic Y ₂ Co ₃ Ga ₉ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1218-1226	1.3	6
203	Ternary Aluminides with the Ideal Composition A ₂ Pt ₆ Al ₁₅ (A = Y, Gd, Sm, Zr). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 361-368	1.3	24
202	Preparation and crystal structure of ternary rare-earth platinum metal aluminides R ₂ T ₃ Al ₉ (T=Rh, Ir, Pd) with Y ₂ Co ₃ Ga ₉ -type structure and magnetic properties of the iridium compounds. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 2600-2609	3.3	27

201	Ternary rare earth osmium aluminides $R(7+)(x)Os(12)Al(61+)(y)$ belonging to a structural family with layered topology. <i>Inorganic Chemistry</i> , 2004 , 43, 3264-70	5.1	10
200	The ternary rare earth ruthenium gallides $R_3Ru_4Ga_{15}$ ($R=Y, TbEr$) with a new structure type, a further example of a recently recognized large family of structures. <i>Journal of Solid State Chemistry</i> , 2003 , 172, 27-34	3.3	9
199	The lanthanoid polyantimonides with the ideal compositions Pr_5Sb_{12} and Nd_5Sb_{12} crystallizing with a new structure type and Ho_2Sb_5 with Dy_2Sb_5 -type structure. <i>Journal of Solid State Chemistry</i> , 2003 , 173, 259-272	3.3	8
198	Quaternary Phosphide Oxides $Pr_3Cu_4P_4O_{27}$ and $Sm_3Cu_4P_4O_{27}$ with Ordered $Zr_3Cu_4Si_6$ -Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 165-170	1	14
197	Ternary Transition Metal Antimonides $T_5T'_{1-x}Sb_{2+x}$ ($T = Ti, Zr, Hf$; $T' = Fe, Co, Ni, Cu, Ru, Rh, Pd, Cd$) with $Nb_5Si_3Sn_2$ (Ordered W_5Si_3 , Filled $V_4Si_3Sb_2$) Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 337-343	1.3	7
196	Preparation and Crystal Structure of the Ternary Lanthanoid Platinum Antimonides $Ln_3Pt_7Sb_4$ ($Ln = Ce, Pr, Nd, Sm$) with $Er_3Pd_7P_4$ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 927	1.3	2
195	Preparation and Crystal Structures of Ternary Rare Earth Osmium Gallides $LnOsGa_3$ ($Ln = Gd, Er, Sm$) and $LnOsGa_3$ ($Ln = La, Nd$). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 1505	1.3	7
194	Structural Relationships of Some Ternary Rare Earth Transition Metal Aluminides and Gallides with a High Content of Aluminum or Gallium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2151-2151	1.3	1
193	Ternary Rare Earth (R) Transition Metal Aluminides $R_3T_4Al_{12}$ ($T = Ru$ and Os) with $Gd_3Ru_4Al_{12}$ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2549-2556	1.3	42
192	Preparation and Crystal Structure of $Au_{1-x}Sn_{1+y}P_{14}$ and other Polyphosphides with $HgPbP_{14}$ -Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2764-2771	1.3	18
191	Au_2PbP_2 , Au_2TlP_2 , and Au_2HgP_2 : Ternary Gold Polyphosphides with Lead, Thallium, and Mercury in the Oxidation State Zero. <i>Journal of Solid State Chemistry</i> , 2002 , 165, 238-246	3.3	30
190	Equiatomic Rare Earth (Ln) Transition Metal Antimonides $LnTSb$ ($T=Rh, Ir$) and Bismuthides $LnTBi$ ($T=Rh, Ni, Pd, Pt$). <i>Journal of Solid State Chemistry</i> , 2002 , 168, 18-27	3.3	63
189	Ternary Rare Earth Transition Metal Zinc Compounds $Ln_2T_3Zn_{14}$ ($T = Fe, Co, Rh, Ni, Pd, Pt$) with Ordered Th_2Zn_{17} -Type Structure and Structure Refinement of the Corresponding Binary Compound La_2Zn_{17} . <i>Chemistry of Materials</i> , 2002 , 14, 2725-2731	9.6	21
188	Infrared and Raman spectra of Hg_2MoO_4 and Hg_2WO_4 . <i>Journal of Raman Spectroscopy</i> , 2001 , 32, 395-398	3.3	6
187	Subcell Structure and Two Different Superstructures of the Rare Earth Metal Silicide Carbides $Y_3Si_2C_2$, $Pr_3Si_2C_2$, $Tb_3Si_2C_2$, and $Dy_3Si_2C_2$. <i>Journal of Solid State Chemistry</i> , 2001 , 156, 1-9	3.3	7
186	Preparation, Properties, and Crystal Structure of the Rare Earth Ruthenium Carbides $R_3Ru_2C_5$ ($R=Y, GdEr$). <i>Journal of Solid State Chemistry</i> , 2001 , 160, 77-87	3.3	7
185	Ternary Intermetallics with High Zinc Content: TT_2Zn_{20} ($T=Zr, Hf, Nb$; $T'=Mn, Fe, Ru, Co, Rh, Ni$) with $CeCr_2Al_{20}$ -Type Structure. <i>Journal of Solid State Chemistry</i> , 2001 , 161, 288-293	3.3	16
184	The Atomic Order of the Pnictogen and Chalcogen Atoms in Equiatomic Ternary Compounds $TPnCh$ ($T=Ni, Pd$; $Pn=P, As, Sb$; $Ch=S, Se, Te$). <i>Journal of Solid State Chemistry</i> , 2001 , 162, 69-78	3.3	42

183	Binary Compounds of Rhodium and Zinc: RhZn, Rh ₂ Zn ₁₁ , and RhZn ₁₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 155-163	1.3	24
182	Preparation, Crystal Structure, and Magnetic Properties of Rare Earth Ruthenium and Osmium Carbides with La ₃ .67FeC ₆ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 341-348	1.3	7
181	Semiconducting La ₂ AuP ₃ , the Metallic Conductor Ce ₂ AuP ₃ , and other Rare-Earth Gold Phosphides Ln ₂ AuP ₃ with Two Closely Related Crystal Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1699-1708	1.3	12
180	Lanthanoid Antimonides Ln ₂ Sb ₅ (Ln = Sm, Gd, Tb, Dy) and Rationalization of Chemical Bonding within the Antimony Polyanion by Combining the Zintl-Klemm Concept with Bond-Length Bond-Strength Relationships. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1932-1940	1.3	15
179	Preparation and Crystal Structures of some Binary Pnictides of Scandium, Zirconium, and Hafnium: Sc ₅ Bi ₃ , ZrBi, HfSb, HfBi, HfBi ₂ , and the Compound Zr ₅ Bi ₃ X ₁₀ , Possibly Stabilized by an Impurity (X). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1941-1948	1.3	11
178	Preparation and Crystal Structure of the Ternary Lanthanoid Nickel Arsenides Ln ₁₃ Ni ₂₅ As ₁₉ (Ln = Tm, Yb, and Lu). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 2095	1.3	4
177	A Variety of Different Occupancies in Isotypic Compounds: Ternary Antimonides and Bismuthides with the Ideal Formulas T ₅ T [?] Sb ₃ and T ₅ T [?] Bi ₃ (T = Ti, Zr, Hf; T [?] = Late Transition Metals) and the Binary Antimonide Ti _{4.80} Sb _{3.29} , all Crystallizing with Filled Mn ₅ Si ₃ (Hf ₅ CuSn ₃) Type Structure	1.3	11
176	Structure Refinement of Ti ₅ Sb _{2.85} with Filled Mn ₅ Sb ₃ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 2369-2376 The Ternary Lanthanoid Nickel Arsenides Tb ₁₂ Ni ₃₀ As ₂₁ and Dy ₁₂ Ni ₃₀ As ₂₁ with (La, Ce) ₁₂ Rh ₃₀ P ₂₁ Type Related Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 2673-2679	1.3	6
175	Magnetic properties of rare-earth transition metal aluminides R ₆ T ₄ Al ₄₃ with Ho ₆ Mo ₄ Al ₄₃ -type structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 223, 1-15	2.8	20
174	Preparation, Properties, and Crystal Structure of Quaternary Silicide Carbides RCr ₂ Si ₂ C (R = Y, La - Nd, Sm, Gd - Ho). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001 , 56, 1143-1148	1.4	10
173	Ternary lanthanoid ruthenium gallides with a high gallium content: Ln ₍₂₎ Ru ₍₃₎ Ga ₍₁₀₎ (Ln = Yb, Lu) with a new structure type and LnRu ₍₂₎ Ga ₍₈₎ (Ln = La-Nd) with CaCo ₍₂₎ Al ₍₈₎ -type structure. <i>Inorganic Chemistry</i> , 2001 , 40, 6362-8	5.1	25
172	Preparation and crystal structure of the ternary uranium rare Earth antimonides (U _(2/3) R _(1/3))Sb ₍₂₎ and (U _(1/2) R _(1/2)) ₍₃₎ Sb ₍₇₎ with mixed U/R occupancy of the metal sites and a variety of antimony polyanions. <i>Inorganic Chemistry</i> , 2001 , 40, 6356-61	5.1	6
171	Preparation and Crystal Structure of Rare Earth Rhenates: the Series Ln ₅ Re ₂ O ₁₂ with Ln = Y, Gd, Lu, and the Praseodymium Rhenates Pr ₃ ReO ₈ , Pr ₃ Re ₂ O ₁₀ , and Pr ₄ Re ₂ O ₁₁ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000 , 626, 80-88	1.3	18
170	Crystal Structure and Properties of Some Filled and Unfilled Skutterudites: GdFe ₄ P ₁₂ , SmFe ₄ P ₁₂ , NdFe ₄ As ₁₂ , Eu _{0.54} Co ₄ Sb ₁₂ , Fe _{0.5} Ni _{0.5} P ₃ , CoP ₃ , and NiP ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000 , 626, 1112-1120	1.3	71
169	The Order of the Palladium and Germanium Atoms in the Germanides LnPdGe (Ln=La, Nd, Sm, Gd, Tb) and the New Compound Yb ₃ Pd ₄ Ge ₄ . <i>Journal of Solid State Chemistry</i> , 2000 , 154, 329-337	3.3	52
168	Polyborides with Th ₂ NiB ₁₀ -Type Structure: Synthesis, Crystal Structure, and Magnetic and Electrical Properties. <i>Journal of Solid State Chemistry</i> , 2000 , 154, 246-253	3.3	5
167	Rare Earth Metal Ruthenium Gallides R ₂ Ru ₃ Ga ₉ with Y ₂ Co ₃ Ga ₉ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000 , 626, 2217-2222	1.3	18
166	Crystal Structure and Properties of the Titanium Stannide Ti ₂ Sn ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000 , 55, 425-430	1	27

165	Structure refinements and some properties of the transition metal stannides Os ₃ Sn ₇ , Ir ₅ Sn ₇ , Ni _{0.402(4)} Pd _{0.598} Sn ₄ , HPdSn_2 and PtSn ₄ . <i>Journal of Alloys and Compounds</i> , 2000 , 309, 1-9	5-7	76
164	Neodymium rhodium aluminide NdRh ₄ Al _{15.37} . <i>Journal of Alloys and Compounds</i> , 2000 , 298, 153-159	5-7	16
163	Mercury(I) molybdates and tungstates: Hg ₂ WO ₄ and two modifications of Hg ₂ MoO ₄ . <i>Inorganic Chemistry</i> , 2000 , 39, 4219-23	5-1	11
162	Crystal Structure and Properties of Some Filled and Unfilled Skutterudites: GdFe ₄ P ₁₂ , SmFe ₄ P ₁₂ , NdFe ₄ As ₁₂ , Eu _{0.54} Co ₄ Sb ₁₂ , Fe _{0.5} Ni _{0.5} P ₃ , CoP ₃ , and NiP ₃ 2000 , 626, 1112		3
161	The Intermetallic Compounds GdRe ₂ Al ₁₀ and TbRe ₂ Al ₁₀ , Crystallizing with a Stacking Variant of the YbFe ₂ Al ₁₀ Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1277-1282	1	14
160	Preparation and Crystal Structure of the Calcium Rhenate(VI, VII) Ca ₅ Re ₃ O _{15-x} . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1483-1488	1	2
159	The Silver(I) Mercury(II) Oxide Nitrate with the Empirical Formula AgHg ₂ NO ₅ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1489-1494	1	1
158	The Praseodymium Zinc Arsenide Pr ₃ Zn ₂ As ₆ : Crystallizing with a Vacancy Variant of the HfCuSi ₂ Type Structure. <i>Journal of Solid State Chemistry</i> , 1999 , 142, 266-272	3-3	15
157	Preparation and Crystal Structure of the Equiatomic Rare Earth Palladium Silicides NdPdSi, SmPdSi, GdPdSi, and TbPdSi. <i>Journal of Solid State Chemistry</i> , 1999 , 142, 130-137	3-3	4
156	Quaternary Silicide Carbides AT ₂ SiC (A=Rare Earth Elements and Actinoids, T=Mn, Re, Ru, Os) with DyFe ₂ SiC-Type Structure. <i>Journal of Solid State Chemistry</i> , 1999 , 142, 279-287	3-3	8
155	Crystal Structure and Magnetic Properties of the Lanthanoid Platinum Germanides LnPtGe (Ln=Ce, Pr, Nd, Sm). <i>Journal of Solid State Chemistry</i> , 1999 , 142, 400-408	3-3	14
154	Niobium and Molybdenum Compounds with High Zinc Content: NbZn ₃ , NbZn ₁₆ , and MoZn _{20.44} . <i>Journal of Solid State Chemistry</i> , 1999 , 143, 95-103	3-3	29
153	Preparation and Crystal Structure of the Intermetallics La ₄ Mo ₇ Al ₅₁ and La ₄ W ₇ Al ₅₁ . <i>Journal of Solid State Chemistry</i> , 1999 , 143, 198-201	3-3	7
152	Preparation, Crystal Structures, and Properties of Rhenates with Multiple ReRe Bonds: Ln ₂ ReO ₅ (Ln=Sm, Eu, Gd), Ln ₃ Re ₂ O ₉ (Ln=Pr, Nd, Sm), and Ln ₄ Re ₆ O ₁₉ (Ln=La, Nd). <i>Journal of Solid State Chemistry</i> , 1999 , 147, 218-228	3-3	15
151	Solid-State NMR Connectivity Studies in Dipolarly Coupled Inorganic Networks: Crystal Structure and Site Assignments for the Lithium Polyphosphide LiP ₅ . <i>Journal of Solid State Chemistry</i> , 1999 , 147, 341-349	3-3	24
150	The Series of Rare Earth Zinc Phosphides RZn ₃ P ₃ (R=Y, La, Nd, Sm, Gd, Er) and the Corresponding Cadmium Compound PrCd ₃ P ₃ . <i>Journal of Solid State Chemistry</i> , 1999 , 146, 478-483	3-3	25
149	Infrared and Raman spectra of (Hg ₂) ₃ (AsO ₄) ₂ and Hg ₃ (AsO ₄) ₂ . <i>Journal of Raman Spectroscopy</i> , 1999 , 30, 1049-1051	2-3	4
148	Ternary Rare Earth Metal Palladium and Platinum Aluminides R ₄ Pd ₉ Al ₂₄ and R ₄ Pt ₉ Al ₂₄ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999 , 625, 1417-1425	1-3	33

147	Antiferromagnetic order in the ternary phosphides LnNi ₂ P ₂ (Ln=Tb, Dy, Ho, Er). <i>Journal of Alloys and Compounds</i> , 1999 , 287, 32-37	5-7	11
146	The antimony-rich parts of the ternary systems calcium, strontium, barium and cerium with iron and antimony; structure refinements of the LaFe ₄ Sb ₁₂ -type compounds SrFe ₄ Sb ₁₂ and CeFe ₄ Sb ₁₂ ; the new compounds CaOs ₄ Sb ₁₂ and YbOs ₄ Sb ₁₂ . <i>Journal of Alloys and Compounds</i> , 1999 , 291, 66-72	5-7	55
145	Lanthanoid Rhenium Aluminides with a High Content of Aluminum: LnRe(2)Al(10) (Ln = Ho-Lu) with a New Structure Type and NdRe(2)Al(10) with CaCr(2)Al(10)-Type Structure. <i>Inorganic Chemistry</i> , 1999 , 38, 3344-3351	5-1	20
144	Ternary Rare Earth Metal Palladium and Platinum Aluminides R ₄ Pd ₉ Al ₂₄ and R ₄ Pt ₉ Al ₂₄ 1999 , 625, 1417		2
143	Structure of the Mercury(II) Chromate(III) HgCr ₂ O ₄ and Lattice Constants of the Isotypic Mercury(I) Compounds Hg ₂ MoO ₄ and Hg ₂ WO ₄ . <i>Materials Research Bulletin</i> , 1998 , 33, 95-101	5-1	17
142	The Neodymium Nickel Silicides Nd ₄₂ Ni ₂₂ Si ₃₁ and Nd ₆ Ni ₂ Si ₃ . <i>Journal of Solid State Chemistry</i> , 1998 , 137, 302-310	3-3	10
141	Magnetic and Electrical Properties of a New Series of Rare Earth Silicide Carbides with the Composition R ₃ Si ₂ C ₂ (R=Y, La, Nd, Sm, Gd, Er). <i>Journal of Solid State Chemistry</i> , 1998 , 138, 201-206	3-3	12
140	The Crystal Structures of Zr ₃ Al ₃ C ₅ , ScAl ₃ C ₃ , and UAl ₃ C ₃ and Their Relation to the Structures of U ₂ Al ₃ C ₄ and Al ₄ C ₃ . <i>Journal of Solid State Chemistry</i> , 1998 , 140, 396-401	3-3	79
139	The Crystal Structure of YPdSi, the Isotypic Compounds LnPdSi (Ln = Gd, Lu), and their Structural Relation to some other Equiatomic Compounds of the Rare Earth and Transition Metals with Main Group Elements. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998 , 624, 425-432	1-3	19
138	Preparation, Crystal Structure, and Physical Properties of the Rare-Earth Metal Palladium Silicides LnPdSi (Ln = La, Ce, Pr) and the a-ThSi ₂ Type Compounds LaPd _{0.787(2)} Si _{1.213(2)} and CePd _{0.758(5)} Si _{1.242(5)} . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998 , 624, 1855-1862	1-3	7
137	Preparation and crystal structure of quaternary silicide carbides with Dy ₂ Fe ₂ Si ₂ C type structure. <i>Journal of Alloys and Compounds</i> , 1998 , 266, 158-163	5-7	12
136	Preparation, crystal structure and magnetic properties of the uranium nickel phosphides UNi ₃ P ₂ , UNi ₄ P ₂ , U ₆ Ni ₂₀ P ₁₃ and U ₂ Ni ₁₂ P ₇ . <i>Journal of Alloys and Compounds</i> , 1998 , 266, 71-76	5-7	12
135	EuTa ₂ Al ₂₀ , Ca ₆ W ₄ Al ₄₃ and other compounds with CeCr ₂ Al ₂₀ and Ho ₆ Mo ₄ Al ₄₃ type structures and some magnetic properties of these compounds. <i>Journal of Alloys and Compounds</i> , 1998 , 267, 23-31	5-7	86
134	The high-temperature β modification of Y ₄ C ₇ with Lu ₄ C ₇ type and Dy ₃ C ₄ with Sc ₃ C ₄ type structure. <i>Journal of Alloys and Compounds</i> , 1998 , 278, 161-164	5-7	7
133	Preparation and crystal structure of the ternary carbides R ₁₂ Os ₅ C ₁₅ with R=Y, Pr, Nd, Sm, Gd, Er. <i>Journal of Alloys and Compounds</i> , 1998 , 281, 233-236	5-7	5
132	Lanthanum Nickel Silicides with the General Formula La ₀ (n) ₀ (+1) ₀ (n) ₀ (+2) ₀ Ni ₀ (n) ₀ (n) ₀ (-)(1)+2) ₀ Si ₀ (n) ₀ (n) ₀ (+1) ₀ and Other Series of Hexagonal Structures with Metal:Metalloid Ratios Close to 2:1. <i>Inorganic Chemistry</i> , 1998 , 37, 5431-5438	5-1	50
131	Ternary aluminides LnT ₂ Al ₁₀ (Ln=Y, La, Nd, Sm, Gd, Lu and T=Fe, Ru, Os) with YbFe ₂ Al ₁₀ type structure and magnetic properties of the iron-containing series. <i>Journal of Materials Chemistry</i> , 1998 , 8, 125-130		178
130	Equiatomic Quaternary Rare Earth Element Zinc Pnictide Oxides RZnPO and RZnAsO. <i>Inorganic Chemistry</i> , 1998 , 37, 386-389	5-1	73

129	The Crystal Structure of the Potential Ferroelectric Calcium Rhenate(VI, VII) Ca ₁₁ Re ₄ O ₂₄ and its Relation to the Structure of Sr ₁₁ Os ₄ O ₂₄ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998 , 53, 31-36	1	18
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127	Quaternary Equiatomic Manganese Pnictide Oxides AMnPO (A = La-Nd, Sm, Gd-Dy), AMnAsO (A = Y, La-Nd, Sm, Gd-Dy, U), and AMnSbO (A = La-Nd, Sm, Gd) with ZrCuSiAs Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997 , 52, 560-564	1	70
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123	Ternary transition metal antimonides and bismuthides with MgAgAs-type and filled NiAs-type structure. <i>Journal of Alloys and Compounds</i> , 1997 , 252, 93-97	5-7	82
122	Preparation, crystal structure and magnetic properties of the intermetallic compounds Ln _{7+x} Re ₁₂ Al ₆ 1+y (Ln= Y, Gd, Er, Lu). <i>Journal of Alloys and Compounds</i> , 1997 , 261, 54-61	5-7	8
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119	Preparation and Crystal Structure of the Mercury(I) Molybdate(VI) Hg ₂ Mo ₅ O ₁₆ . <i>Journal of Solid State Chemistry</i> , 1997 , 128, 205-208	3-3	16
118	Preparation and Crystal Structures of the Rare Earth Nitrido-Oxosilicates and Nitridosilicates with the General Formula R _{6+x} /3Si ₁₁ N _{20+x} O ₁₆ and the Ideal Compositions R ₆ Si ₁₁ N ₂₀ and R _{6.33} Si ₁₁ N ₂₁ , Respectively (R=Y and Gd, Lu). <i>Journal of Solid State Chemistry</i> , 1997 , 129, 312-319	3-3	21
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20	Rare-earth-metal cobalt phosphides with HoCo ₃ P ₂ -, Sc ₅ Co ₁₉ P ₁₂ - and YCo ₅ P ₃ -type structures. <i>Journal of the Less Common Metals</i> , 1988 , 136, 261-270		22
19	Phosphides and Polyphosphides of the Transition Metals. <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 30, 413-416		1
18	UCr ₄ C ₄ with filled MoNi ₄ type structure. <i>Monatshefte Für Chemie</i> , 1987 , 118, 43-50	1.4	27
17	Ternary carbides Ln ₂ Mn ₁₇ C _{3-x} (Ln = La, Ce, Pr, Nd, Sm) with filled Th ₂ Zn ₁₇ type structure. <i>Inorganic Chemistry</i> , 1986 , 25, 279-282	5.1	43
16	YCoC and Isotypic Carbides with a New, Very Simple Structure Type. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , 1986 , 41, 946-950	1	41
15	Neue Palladiumpnictide der Erdalkali- und Seltenen Erdmetalle mit ThCr ₂ Si ₂ - und CaBe ₂ Ge ₂ -Struktur. <i>Monatshefte Für Chemie</i> , 1985 , 116, 569-580	1.4	44
14	Strukturchemische Untersuchungen an Scandium-Cobalt-Phosphiden mit einem Metall:Phosphor-Verhältnis von 2:1. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , 1985 , 40, 900-905	1	34
13	Preparation and crystal structure of the holmium cobalt phosphide HoCo ₃ P ₂ and isotypic lanthanoid cobalt phosphides. <i>Journal of the Less Common Metals</i> , 1985 , 110, 339-348		28
12	Über Polyphosphide von Chrom, Molybdän und Wolfram. <i>Monatshefte Für Chemie</i> , 1983 , 114, 817-828	1.4	26
11	Preparation, physical properties, and crystal structure of molybdenum iron phosphide (MoFe ₂ P ₁₂) and tungsten iron phosphide (WFe ₂ P ₁₂). <i>Inorganic Chemistry</i> , 1983 , 22, 1736-1739	5.1	14
10	Preparation and crystal structure of dirhenium pentaphosphide, Re ₂ P ₅ , a diamagnetic semiconducting polyphosphide with rhomboidal Re ₄ clusters. <i>Inorganic Chemistry</i> , 1982 , 21, 1886-1891	5.1	33
9	Preparation and crystal structure of trisilver undecaphosphide, Ag ₃ P ₁₁ , an unusual defect tetrahedral compound. <i>Inorganic Chemistry</i> , 1981 , 20, 828-833	5.1	24
8	Neue Verbindungen mit Zr ₂ Fe ₁₂ P ₇ -Struktur und Verfeinerung der Kristallstrukturen von Er ₂ Co ₁₂ P ₇ und Er ₂ Ni ₁₂ P ₇ . <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 1980 , 467, 95-104	1.3	53
7	Ternary arsenides with LaFe ₄ P ₁₂ -type structure. <i>Journal of Solid State Chemistry</i> , 1980 , 32, 357-363	3.3	132
6	Lanthanoid-nickel-phosphides with ThCr ₂ Si ₂ -type structure. <i>Journal of Solid State Chemistry</i> , 1980 , 35, 312-317	3.3	82
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4	Diffusionless phase transitions in Fe ₂ P type phases. <i>Journal of the Less Common Metals</i> , 1975 , 39, 347-350		5

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