

Wolfgang Jeitschko

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3033737/wolfgang-jeitschko-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
217	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
216	Magnetic properties of alkaline earth and lanthanoid iron antimonides AFe ₄ Sb ₁₂ (A = Ca, Sr, Ba, La, Nd, Sm, Eu) with the LaFe ₄ P ₁₂ structure. <i>Journal of Physics and Chemistry of Solids</i> , 1996 , 57, 381-387 ^{3.9}		178
215	The rare earth transition metal phosphide oxides LnFePO, LnRuPO and LnCoPO with ZrCuSiAs type structure. <i>Journal of Alloys and Compounds</i> , 1995 , 229, 238-242	5.7	171
214	Ternary lanthanoid-transition metal pnictides with ThCr ₂ Si ₂ -type structure. <i>Journal of Solid State Chemistry</i> , 1978 , 24, 351-357	3.3	162
213	Ternary arsenides with LaFe ₄ P ₁₂ -type structure. <i>Journal of Solid State Chemistry</i> , 1980 , 32, 357-363	3.3	132
212	Ternary Rare Earth Transition Metal Zinc Compounds RT ₂ Zn ₂₀ with T = Fe, Ru, Co, Rh, and Ni. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997 , 52, 1023-1030	1	118
211	Ternary Aluminides AT ₂ Al ₂₀ (A = Rare Earth Elements and Uranium; T = Ti, Nb, Ta, Mo, and W) with CeCr ₂ Al ₂₀ -Type Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 114, 337-341	3.3	115
210	Ternary Arsenides ACuAs ₂ and Ternary Antimonides AAgSb ₂ (A = Rare-Earth Elements and Uranium) with HfCuSi ₂ -Type Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 115, 305-308	3.3	112
209	Structure and magnetic properties of the phosphides CaCo ₂ P ₂ and LnT ₂ P ₂ with ThCr ₂ Si ₂ structure and LnTP with PbFCl structure (Ln = Lanthanoids, T = Fe, Co, Ni) <i>Journal of Physics and Chemistry of Solids</i> , 1990 , 51, 961-968	3.9	111
208	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
207	Preparation and Crystal Structure of the Nitridosilicates Ln ₃ Si ₆ N ₁₁ (Ln = La, Ce, Pr, Nd, Sm) and LnSi ₃ N ₅ (Ln = Ce, Pr, Nd). <i>Inorganic Chemistry</i> , 1995 , 34, 5105-5108	5.1	84
206	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
205	Lanthanoid-nickel-phosphides with ThCr ₂ Si ₂ -type structure. <i>Journal of Solid State Chemistry</i> , 1980 , 35, 312-317	3.3	82
204	Rare earth and uranium transition metal pnictides with LaFe ₄ P ₁₂ structure. <i>Journal of Alloys and Compounds</i> , 1995 , 224, 184-189	5.7	80
203	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
202	Scandium carbide, Sc ₃ C ₄ , a carbide with C ₃ units derived from propadiene. <i>Inorganic Chemistry</i> , 1991 , 30, 427-431	5.1	79

201	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 , β -PdSn ₂ and PtSn ₄ . <i>Journal of Alloys and Compounds</i> , 2000 , 309, 1-9	5.7	76
200	Equiatomic Quaternary Rare Earth Element Zinc Pnictide Oxides RZnPO and RZnAsO. <i>Inorganic Chemistry</i> , 1998 , 37, 386-389	5.1	73
199	Ternary equiatomic transition metal silicides and germanides. <i>Journal of Solid State Chemistry</i> , 1972 , 4, 123-130	3.3	72
198	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
197	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
196	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
195	Ternary Antimonides LnTSb ₃ with Ln = La-Nd, Sm and T = V, Cr. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995 , 50, 899-904	1	59
194	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
193	The Crystal Structure and Chemical Properties of U ₂ Al ₃ C ₄ and Structure Refinement of Al ₄ C ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995 , 50, 196-200	1	55
192	Crystal structures and magnetic properties of the lanthanoid nickel antimonides LnNiSb (Ln = La, Nd, Sm, Gd, Tm, Lu). <i>Journal of Alloys and Compounds</i> , 1995 , 226, 81-86	5.7	55
191	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 Fur Anorganische Und Allgemeine Chemie</i> , 1980 , 467, 95-104	1.3	53
190	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
189	Metallische Schmelzen als Reaktionsmedien zur Präparation intermetallischer Verbindungen. <i>Angewandte Chemie</i> , 2005 , 117, 7156-7184	3.6	51
188	Lanthanum Nickel Silicides with the General Formula La _n (⁰ / _n)(⁺¹ / _n)(⁺² / _n)Ni _n (⁰ / _n)(⁻ / _n)(⁺¹ / _n)Si _n (⁰ / _n)(⁺¹ / _n) 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
187	Ternary antimonides LnM ₁₂ Sb ₂ with Ln = La, Nd, Sm, Gd, Tb and M = Mn, Co, Au, Zn, Cd. <i>Journal of Alloys and Compounds</i> , 1996 , 245, L5-L8	5.7	50
186	Ternäre 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
185	Magnetic properties of the rare-earth transition metal antimonides LnVSb ₃ and LnCrSb ₃ (Ln = La, Nd, Sm). <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 173, 109-116	2.8	43
184	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

183	Ternary Rare Earth (R) Transition Metal Aluminides R ₃ T ₄ Al ₁₂ (T = Ru and Os) with Gd ₃ Ru ₄ Al ₁₂ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2549-2556	1-3	42
182	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
181	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
180	YCoC and Isotypic Carbides with a New, Very Simple Structure Type. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1986 , 41, 946-950	1	41
179	Magnetic behaviour of Ni ₃ P Ni ₂ P, NiP ₃ and the series Ln ₂ Ni ₁₂ P ₇ (Ln = Pr, Nd, Sm, Gd?Lu). <i>Journal of Physics and Chemistry of Solids</i> , 1993 , 54, 1527-1531	3-9	38
178	Ternary Aluminides A ₆ T ₄ Al ₄₃ (A = Y, Nd, Sm, Gd-Lu, and U; T = Ti, V, Nb, and Ta) with Ho ₆ Mo ₄ Al ₄₃ Type Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 116, 131-135	3-3	37
177	Carbon pairs as structural elements of ternary carbides of the F elements with the late transition metals. <i>Journal of the Less Common Metals</i> , 1989 , 156, 397-412		37
176	Crystal structures of VSn ₂ , NbSn ₂ and CrSn ₂ with Mg ₂ Cu-type structure and NbSnSb with CuAl ₂ -type structure. <i>Journal of Alloys and Compounds</i> , 1994 , 210, 185-190	5-7	36
175	Alkaline Earth Transition Metal Antimonides AT ₄ Sb ₁₂ (A = Ca, Sr, Ba; T = Fe, Ru, Os) with LaFe ₄ P ₁₂ -Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 1028-1032	1-3	35
174	The Ternary Rare Earth Chromium Nitrides Ce ₂ CrN ₃ and Ln ₃ Cr ₁₀ N ₁₁ with Ln = La, Ce, Pr. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995 , 50, 905-912	1	34
173	Crystal structure and physical properties of the carbides UAl ₃ C ₃ and YbAl ₃ C ₃ . <i>Journal of Alloys and Compounds</i> , 1992 , 186, 321-331	5-7	34
172	Magnetic properties of lanthanoid iron and cobalt phosphides with Zr ₂ Fe ₁₂ P ₇ type structure. <i>Journal of Physics and Chemistry of Solids</i> , 1989 , 50, 563-569	3-9	34
171	Strukturchemische Untersuchungen an Scandium-Cobalt-Phosphiden mit einem Metall:Phosphor-Verhältnis von 2:1. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1985 , 40, 900-905	1	34
170	PbFCl-type pnictides of niobium with silicon or germanium. <i>Journal of Solid State Chemistry</i> , 1973 , 6, 306-309	3-3	34
169	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
168	Preparation, Properties, and Crystal Structures of Ti ₃ Zn ₂₂ and TiZn ₁₆ . <i>Journal of Solid State Chemistry</i> , 1995 , 118, 219-226	3-3	33
167	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
166	Au ₂ PbP ₂ , Au ₂ TlP ₂ , and Au ₂ HgP 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

165	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
164	Preparation and Crystal Structure of the Titanium and Hafnium Bismuthides Ti ₈ Bi ₉ and Hf ₈ Bi ₉ . <i>Journal of Solid State Chemistry</i> , 1997 , 134, 26-30	3:3	28
163	Quaternary Thorium Transition Metal Pnictide Oxides: ThCu _{1-x} PO, ThCuAsO, and Th ₂ Ni _{3-x} P ₃ O. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996 , 51, 257-262	1	28
162	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
161	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
160	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
159	U ₃ TiSb ₅ , U ₃ VSb ₅ , U ₃ CrSb ₅ , and U ₃ MnSb ₅ with "Anti"-Hf ₅ Sn ₃ Cu Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1994 , 49, 747-752	1	27
158	UCr ₄ C ₄ with filled MoNi ₄ type structure. <i>Monatshefte Für Chemie</i> , 1987 , 118, 43-50	1.4	27
157	The ternary system uranium-manganese-phosphorus: U ₂ Mn ₁₂ P ₇ with Zr ₂ Fe ₁₂ P ₇ -type structure and isotypic phosphides A ₂ Mn ₁₂ P ₇ (A = Sc, Sm, Gd-Lu, Th) and U ₂ T ₁₂ P ₇ (T = Fe, Co, Ni). <i>Journal of Alloys and Compounds</i> , 1993 , 196, 105-109	5:7	26
156	Der Polyphosphide von Chrom, Molybdän und Wolfram. <i>Monatshefte Für Chemie</i> , 1983 , 114, 817-828	1.4	26
155	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
154	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
153	Sc ₅ Re ₂ C ₇ , a Complex Carbide with C ₃ -Units. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992 , 47, 358-364	1	25
152	Ternary Aluminides with the Ideal Composition A ₂ Pt ₆ Al ₁₅ (A = Y, Gd, Er, Zr). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 361-368	1:3	24
151	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
150	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
149	The Rare Earth Silicon Phosphides LnSi ₂ P ₆ (Ln = La, Ce, Pr, and Nd). <i>Journal of Solid State Chemistry</i> , 1996 , 124, 346-352	3:3	24
148	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

- 147 Rare-earth-metal cobalt phosphides with HoCo₃P₂-, Sc₅Co₁₉P₁₂- and YCo₅P₃-type structures. *Journal of the Less Common Metals*, **1988**, 136, 261-270 22
- 146 Quaternary Equiatomic Compounds LnZnSbO (Ln = La - Nd, Sm) with ZrCuSiAs-Type Structure. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1997**, 52, 1467-1470 1 21
- 145 Preparation and Crystal Structures of the Rare Earth Nitrido-Oxosilicates and Nitridosilicates with the General Formula R_{6+x}/3Si₁₁N_{20+x}O₁₈ and the Ideal Compositions R₆Si₁₁N₂₀O and R_{6.33}Si₁₁N₂₁, Respectively (R=Y and Gd-Lu). *Journal of Solid State Chemistry*, **1997**, 129, 312-319 3.3 21
- 144 Ternary Rare Earth Transition Metal Zinc Compounds Ln₂T₃Zn₁₄ (T = Fe, Co, Rh, Ni, Pd, Pt) with Ordered Th₂Zn₁₇-Type Structure and Structure Refinement of the Corresponding Binary Compound La₂Zn₁₇. *Chemistry of Materials*, **2002**, 14, 2725-2731 9.6 21
- 143 Preparation and Crystal Structure of the Isotypic Carbides Ln₃.67TC₆ (Ln = rare earth elements; T = Mn, Fe, Ru) and Eu₃.16NiC₆. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1996**, 51, 249-256 1 21
- 142 Preparation and Crystal Structure of the Carbides Ln₁₂Re₅C₁₅ (Ln = Y, La-Nd, Gd-Er). *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1994**, 49, 1081-1088 1 21
- 141 Ca₄Ni₃C₅, a Carbide with an One-Dimensionally Infinite Nickel-Carbon Polyanion, and CaPd₃C, a Perovskite Carbide. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1991**, 46, 1177-1182¹ 21
- 140 Magnetic properties of rare-earth transition metal aluminides R₆T₄Al₄₃ with Ho₆Mo₄Al₄₃-type structure. *Journal of Magnetism and Magnetic Materials*, **2001**, 223, 1-15 2.8 20
- 139 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. *Inorganic Chemistry*, **1999**, 38, 3344-3351 5.1 20
- 138 Synthesis, properties and crystal structure of Zr₆Zn₂₃Si with filled Th₆Mn₂₃ type structure. *Journal of Alloys and Compounds*, **1996**, 234, 12-18 5.7 20
- 137 Kristallstrukturen und Eigenschaften der Thorium-Nickel-Carbide Th₃Ni₅C₅ und Th₂NiC₂. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1991**, 603, 57-67 1.3 20
- 136 Gd₂OsC₂, a soft ferromagnet with a surprisingly high Curie temperature and other rare-earth osmium and rhenium carbides with Pr₂ReC₂ type structure. *Journal of Materials Chemistry*, **1997**, 7, 2427-2431¹⁹
- 135 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. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1998**, 624, 425-432 1.3 19
- 134 On the order and disorder of the transition metal (T) and silicon atoms in ternary thorium transition metal silicides of the compositions Th₂TSi₃ and ThTSi. *Journal of Alloys and Compounds*, **1994**, 206, 133-139^{5.7} 19
- 133 The crystal structures of the isotypic perhenates Ca₅Re₂O₁₂ and Sr₅Re₂O₁₂. *Journal of Solid State Chemistry*, **1992**, 99, 149-157 3.3 19
- 132 Preparation and Crystal Structure of Au_{1-x}Sn_{1+y}P₁₄ and other Polyphosphides with HgPbP₁₄-Type Structure. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2002**, 628, 2764-2771 1.3 18
- 131 Preparation and Crystal Structure of Rare Earth Rhenates: the Series Ln₅Re₂O₁₂ with Ln = Y, Gd-Lu, and the Praseodymium Rhenates Pr₃ReO₈, Pr₃Re₂O₁₀, and Pr₄Re₂O₁₁. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2000**, 626, 80-88 1.3 18
- 130 Rare Earth Metal Ruthenium Gallides R₂Ru₃Ga₉ with Y₂Co₃Ga₉ Type Structure. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2000**, 626, 2217-2222 1.3 18

129	The Crystal Structure of the Potential Ferroelectric Calcium Rhenate(VI, VII) $\text{Ca}_{11}\text{Re}_4\text{O}_{24}$ and its Relation to the Structure of $\text{Sr}_{11}\text{Os}_4\text{O}_{24}$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998 , 53, 31-36	1	18
128	Preparation, Properties, and Crystal Structure of $\text{Zr}_5\text{Zn}_{39}$, a Vacancy Variant of the $\text{Ce}_5\text{Mg}_{41}$ -Type, and Structure Refinement of ZrZn_{22} . <i>Journal of Solid State Chemistry</i> , 1996 , 121, 95-104	3-3	18
127	The Arsenides LnPd_3As_2 (Ln = La-Nd, Sm, Gd) and Structure Refinement of $\text{CePd}_{2-x}\text{As}_2$ with the ThCr_2Si_2 Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 115, 37-42	3-3	18
126	Preparation, Crystal Structure, and Physical Properties of the Uranium Nickel Phosphide $\text{U}_3\text{Ni}_3.34\text{P}_6$. <i>Journal of Solid State Chemistry</i> , 1995 , 116, 307-313	3-3	18
125	Structure of the Mercury(II) Chromate(III) HgCr_2O_4 and Lattice Constants of the Isotypic Mercury(I) Compounds Hg_2MoO_4 and Hg_2WO_4 . <i>Materials Research Bulletin</i> , 1998 , 33, 95-101	5-1	17
124	Transition-metal stannides with high tin content: $\text{Os}_4\text{Sn}_{17}$, RhSn_3 , RhSn_4 and IrSn_4 . <i>Journal of Materials Chemistry</i> , 1996 , 6, 1897		17
123	Preparation and Crystal Structure of the Mercury(I) Molybdate(VI) $\text{Hg}_2\text{Mo}_5\text{O}_{16}$. <i>Journal of Solid State Chemistry</i> , 1997 , 128, 205-208	3-3	16
122	Ternary Intermetallics with High Zinc Content: $\text{Tt}_2\text{Zn}_{20}$ (T=Zr, Hf, Nb; T?=Mn, Fe, Ru, Co, Rh, Ni) with $\text{CeCr}_2\text{Al}_{20}$ -Type Structure. <i>Journal of Solid State Chemistry</i> , 2001 , 161, 288-293	3-3	16
121	Neodymium rhodium aluminide $\text{NdRh}_4\text{Al}_{15.37}$. <i>Journal of Alloys and Compounds</i> , 2000 , 298, 153-159	5-7	16
120	Preparation and crystal structure of the Copper Silicon Polyphosphide Cu_4SiP_8 . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996 , 622, 53-56	1-3	16
119	$\text{Ni}_{1.282(4)}\text{Si}_{1.284(5)}\text{P}_3$ or NiSi_2P_3 : Two Solutions with Different Atom Distributions for One Single-Crystal X-Ray Data Set, Both Refined to Residuals of Less Than 2.5%. <i>Journal of Solid State Chemistry</i> , 1995 , 114, 476-480	3-3	16
118	Preparation and Crystal Structure of the Isotypic Orthorhombic Strontium Perrhenate Halides $\text{Sr}_5(\text{ReO}_5)_3\text{X}$ (X = Cl, Br, I) and Structure Refinement of the Related Hexagonal Apatite-like Compound $\text{Ba}_5(\text{ReO}_5)_3\text{Cl}$. <i>Journal of Solid State Chemistry</i> , 1993 , 107, 1-11	3-3	16
117	Preparation and crystal structure of the Isotypic Carbides $\text{Ln}_4\text{Ni}_2\text{C}_5$ (Ln = Er, Tm, Yb and Lu). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 321-326	1-3	16
116	Lanthanoid Antimonides Ln_2Sb_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
115	Ternary Intermetallic Compounds $\text{LnMn}_2\text{Al}_{10}$ (Ln = Y, La-Nd, Sm, Gd-Dy) and $\text{LnRe}_2\text{Al}_{10}$ (Ln = Ce, Pr, Sm) with $\text{CaCr}_2\text{Al}_{10}$ -Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998 , 53, 673-678	1	15
114	The Praseodymium Zinc Arsenide $\text{Pr}_3\text{Zn}_2\text{As}_6$: 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
113	Preparation, Crystal Structures, and Properties of Rhenates with Multiple Re-Re Bonds: Ln_2ReO_5 (Ln=Sm, Eu, Gd), $\text{Ln}_3\text{Re}_2\text{O}_9$ (Ln=Pr, Nd, Sm), and $\text{Ln}_4\text{Re}_6\text{O}_{19}$ (Ln=La, Nd). <i>Journal of Solid State Chemistry</i> , 1999 , 147, 218-228	3-3	15
112	Preparation, properties, and crystal structures of $\text{Hf}_2\text{ScCr}_2\text{C}_2$. <i>Journal of Solid State Chemistry</i> , 1995 , 119, 324-330	3-3	15

111	Crystal structure, magnetic susceptibility and electrical conductivity of the uranium silicide carbides U ₃ Si ₂ C ₂ and U ₂ O ₅ Si ₁₆ C ₃ . <i>Journal of Materials Chemistry</i> , 1993 , 3, 253-258		15
110	Band structure and bonding of erbium rhodium carbide (Er ₈ Rh ₅ C ₁₂) and other carbides with C ₂ pairs. <i>Inorganic Chemistry</i> , 1989 , 28, 4094-4104	5.1	15
109	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
108	Quaternary Phosphide Oxides Pr ₃ Cu ₄ P ₄ O ₂₂ and Sm ₃ Cu ₄ P ₄ O ₂₂ with Ordered Zr ₃ Cu ₄ Si ₆ -Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 165-170	1	14
107	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
106	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
105	Crystal structures of several ternary lanthanoid and actinoid ruthenium carbides. <i>Journal of Alloys and Compounds</i> , 1995 , 219, 279-284	5.7	14
104	Preparation, Structure Refinement, and Properties of Some Compounds with Dy ₂ Fe ₂ Si ₂ C- and LaMn ₁₁ C _{2-x} -Type Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 114, 66-72	3.3	14
103	Structural, chemical, and physical properties of rare-earth metal rhodium carbides LnRhC ₂ (Ln = La, Ce, Pr, Nd, Sm). <i>Chemistry of Materials</i> , 1989 , 1, 580-586	9.6	14
102	Crystal structure and properties of the rare-earth-metal rhodium carbides R ₈ Rh ₅ C ₁₂ (R = yttrium, gadolinium-thulium). <i>Inorganic Chemistry</i> , 1989 , 28, 934-938	5.1	14
101	The metallic polyphosphide titanium nickel phosphide (Ti ₂ NiP ₅). <i>Chemistry of Materials</i> , 1991 , 3, 316-319.	9.6	14
100	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
99	The Ternary Titanium Transition Metal Bismuthides Ti ₄ TBi ₂ with T=Cr, Mn, Fe, Co, and Ni. <i>Journal of Solid State Chemistry</i> , 1997 , 133, 400-406	3.3	13
98	V ₄ SiSb ₂ , a vanadium silicide antimonide crystallizing with a defect variant of the W ₅ Si ₃ -type structure. <i>Journal of Alloys and Compounds</i> , 1996 , 243, 67-69	5.7	13
97	The Crystal Structures of Re ₂ Al, Re ₄ Al ₁₁ , and ReAl ₆ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993 , 48, 1767-1773	1	13
96	The crystal structures of two Mercury Perrhenates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 1855-1860	1.3	13
95	The Crystal Structures of Th ₄ Fe ₁₇ P ₁₀ O ₁ - and ThFe ₅ P ₃ . <i>Journal of Solid State Chemistry</i> , 1995 , 117, 80-83.	3.3	13
94	GdRuC ₂ , a Ternary Carbide with Filled NiAs Structure. <i>Journal of Solid State Chemistry</i> , 1995 , 118, 158-163.	3.3	13

93	Crystal structures and physical properties of the ternary carbides $ScT_1X_2C_2$ (T = Fe, CO, Ni). <i>Journal of Materials Chemistry</i> , 1992 , 2, 633-637		13
92	The Ternary Uranium Transition Metal Phosphides UV_5P_3 , UCr_5P_3 , and UMn_5P_3 . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993 , 48, 52-57	1	13
91	Scandium as an Element Intermediate between Rare Earth and Transition Metals in Intermetallics: Crystal Structures of $Sc_2Fe_{12}P_7$, $Sc_{3.6}Fe_{10.4}P_7$, and $Sc_2Co_4P_3$. Other New Compounds with $Zr_2Fe_{12}P_7$, $Hf_2Co_4P_3$, $Sc_5Co_{19}P_{12}$, and $Yb_6Co_{30}P_{19}$ Type Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 770-778	1.3	12
90	Magnetic and Electrical Properties of a New Series of Rare Earth Silicide Carbides with the Composition $R_3Si_2C_2$ (R=Y, La, Nd, Sm, Gd, Tm). <i>Journal of Solid State Chemistry</i> , 1998 , 138, 201-206	3.3	12
89	Preparation and crystal structure of quaternary silicide carbides with $Dy_2Fe_2Si_2C$ type structure. <i>Journal of Alloys and Compounds</i> , 1998 , 266, 158-163	5.7	12
88	Preparation, crystal structure and magnetic properties of the uranium nickel phosphides UNi_3P_2 , UNi_4P_2 , $U_6Ni_{20}P_{13}$ and $U_2Ni_{12}P_7$. <i>Journal of Alloys and Compounds</i> , 1998 , 266, 71-76	5.7	12
87	Semiconducting La_2AuP_3 , the Metallic Conductor Ce_2AuP_3 , and other Rare-Earth Gold Phosphides Ln_2AuP_3 with Two Closely Related Crystal Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1699-1708	1.3	12
86	The rare earth rhenium aluminides $Y_{7.28}Re_{12}Al_{61.38}$ and $Ho_{7.32}Re_{12}Al_{61.48}$. <i>Journal of Alloys and Compounds</i> , 1995 , 221, 235-239	5.7	12
85	The actinoid nickel phosphides $Th_{11}Ni_{25}P_{20}$ and $U_{11}Ni_{25}P_{20}$. <i>Journal of Alloys and Compounds</i> , 1996 , 241, 44-50	5.7	12
84	The Mercury Vanadates with the Empirical Formulas $HgVO_3$ and Hg_2VO_4 . <i>Journal of Solid State Chemistry</i> , 1996 , 125, 140-146	3.3	12
83	Dimorphic $ThNi_2P_2$ with $BaCu_2S_2$ and $CaBe_2Ge_2$ Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1994 , 49, 1074-1080	1	12
82	Rh_2Sb with (anti-) $PbCl_2$ -Type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1990 , 45, 947-951	1	12
81	Preparation and Crystal Structures of some Binary Pnictides of Scandium, Zirconium, and Hafnium: Sc_5Bi_3 , $ZrBi$, $HfSb$, $HfBi$, $HfBi_2$, and the Compound $Zr_5Bi_3X_{1X}$, Possibly Stabilized by an Impurity (X). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1941-1948	1.3	11
80	A Variety of Different Occupancies in Isotypic Compounds: Ternary Antimonides and Bismuthides with the Ideal Formulas $T_5T_2Sb_3$ and $T_5T_2Bi_3$ (T = Ti, Zr, Hf; T? = Late Transition Metals) and the Binary Antimonide $Ti_{4.80}Sb_{3.29}$, all Crystallizing with Billed Mn_5Si_3 (Hf_5CuSn_3) Type Structure and Structure Refinement of $Ti_{5.9}Sb_{2.85}$ with Hf_5Sb_3 Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 1941-1948	1.3	11
79	Mercury(I) molybdates and tungstates: Hg_2WO_4 and two modifications of Hg_2MoO_4 . <i>Inorganic Chemistry</i> , 2000 , 39, 4219-23	5.1	11
78	Antiferromagnetic order in the ternary phosphides $LnNi_2P_2$ (Ln=Tb, Dy, Ho, Er). <i>Journal of Alloys and Compounds</i> , 1999 , 287, 32-37	5.7	11
77	Preparation, properties and crystal structures of the thorium chromium borides $ThCrB_4$ and $ThCr_2B_6$; structure refinements of $CeCr_2B_6$, ThB_4 and ThB_6 . <i>Journal of Alloys and Compounds</i> , 1996 , 234, 56-61	5.7	11
76	The carbides $Gd_3Mn_2C_6$ and $Tb_3Mn_2C_6$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 93-97	1.3	11

75	Actinoid transition metal phosphides $An_2T_2P_7$ ($An = Th, U; T = Fe, Co, Ni$) and arsenides $An_2T_2As_7$ ($An = Th, U; T = Co, Ni$) with $Zr_2Fe_2P_7$ type structure. <i>Dalton Transactions</i> , 2010 , 39, 6067-73	4.3	10
74	The Neodymium Nickel Silicides $Nd_{42}Ni_{22}Si_{31}$ and $Nd_6Ni_2Si_3$. <i>Journal of Solid State Chemistry</i> , 1998 , 137, 302-310	3.3	10
73	Ternary rare earth osmium aluminides $R(7+)_xOs(12)Al(61+)_y$ belonging to a structural family with layered topology. <i>Inorganic Chemistry</i> , 2004 , 43, 3264-70	5.1	10
72	Preparation, Properties, and Crystal Structure of Quaternary Silicide Carbides RCr_2Si_2C ($R = Y, La - Nd, Sm, Gd - Ho$). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001 , 56, 1143-1148	1.48	10
71	Preparation, Crystal Structure, and Properties of the Lanthanoid Carbides Ln_4C_7 with $Ln = Ho, Er, Tm, and Lu$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996 , 51, 646-654	1	10
70	Preparation and Crystal Structure of the Mercury(II) Dimolybdate(VI) $Hg_2Mo_2O_7$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996 , 51, 37-41	1	10
69	The Molybdenum Stannide $MoSn_2$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 467-470	4.0	10
68	Preparation and Crystal Structures of $Th_5Fe_{19}P_{12}$ and $ThFe_4P_2$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992 , 47, 1521-1528	1	10
67	Preparation and crystal structure of $Li_6Zr_2O_7$ and $Li_6Hf_2O_7$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 2038-2042	1.3	10
66	The Rare Earth Carbides R_4C_5 with $R = Y, Gd, Tb, Dy, and Ho$. <i>Journal of Solid State Chemistry</i> , 1997 , 132, 294-299	3.3	9
65	The ternary rare earth ruthenium gallides $R_3Ru_4Ga_{15}$ ($R = Y, Tb, Er$) 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
64	$BaNb_{10}SiO_{19}$: A complex oxide with a variety of different niobium-niobium interactions. <i>Journal of Solid State Chemistry</i> , 1991 , 93, 350-357	3.3	9
63	Preparation, Physical Properties and Crystal Structure of $MoNiP_8$ and $WNiP_8$. <i>Acta Chemica Scandinavica</i> , 1991 , 45, 828-832		9
62	Preparation, crystal structure and magnetic properties of the intermetallic compounds $Ln_{7+x}Re_{12}Al_{61+y}$ ($Ln = Y, Gd, Er, Lu$). <i>Journal of Alloys and Compounds</i> , 1997 , 261, 54-61	5.7	8
61	Preparation and Crystal Structures of the Ternary Compounds Ag_2SiP_2 and $AuSiP$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997 , 52, 462-468	1	8
60	The Rare Earth Osmium Carbides $Ln_5Os_3C_4$ ($Ln = La, Nd, Sm$) with a New Type of Filled Mn_3Si_3 Structure. <i>Journal of Solid State Chemistry</i> , 1997 , 131, 49-53	3.3	8
59	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
58	Quaternary Silicide Carbides AT_2SiC ($A = \text{Rare Earth Elements and Actinoids}, T = Mn, Re, Ru, Os$) with $DyFe_2SiC$ -Type Structure. <i>Journal of Solid State Chemistry</i> , 1999 , 142, 279-287	3.3	8

57	Synthesis and crystal structure of Mn_4As_3 and its relation to other manganese arsenides. <i>Journal of Solid State Chemistry</i> , 1995 , 119, 344-348	3-3	8
56	Preparation and crystal structure of the ternary carbides $Ln_{12}Mn_5C_{15}$ with $Ln = Y, Pr, Nd, Sm, Gd-Tm, Lu$. <i>Journal of Alloys and Compounds</i> , 1996 , 236, 58-62	5-7	8
55	The ternary thorium aluminium carbides $Th_2Al_2C_3$ and $ThAl_4C_4$. <i>Journal of Alloys and Compounds</i> , 1996 , 240, 9-15	5-7	8
54	$Dy_{10.14}Mn_{12.86}C_{18}$, $Yb_{10.09}Mn_{12.91}C_{18}$ and other rare earth manganese carbides with a structure derived from that of ϵ -Mn. <i>Journal of Alloys and Compounds</i> , 1993 , 196, 199-205	5-7	8
53	Carbides with Filled Re_3B -Type Structure. <i>Journal of Solid State Chemistry</i> , 1994 , 112, 232-236	3-3	8
52	Preparation and crystal structure of the carbides $R_{11}Ni_6O_6C_6$ ($R = Y, Dy-Lu$). <i>Journal of Alloys and Compounds</i> , 1992 , 182, 157-164	5-7	8
51	The carbides $RE_2Mn_4C_4$ ($RE = Y, Er, Tm$) with $Er_2Fe_4C_4$ -type structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 442-446	1-3	8
50	UW_4C_4 , A distorted structure derived from UCr_4C_4 and the ternary U-W-C system. <i>Journal of the Less Common Metals</i> , 1990 , 160, 185-192		8
49	The crystal structure of $U_5Re_3C_8$. <i>Monatshefte Für Chemie</i> , 1988 , 119, 319-326	1-4	8
48	Notizen: The Crystal Structures of $HgMoO_4$ and two Forms of $SnWO_4$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1972 , 27, 203-203	1	8
47	Preparation, Crystal Structure, and Physical Properties of the Rare-Earth Metal Palladium Silicides $LnPdSi$ ($Ln = La, Ce, Pr$) and the α - $ThSi_2$ 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
46	The high-temperature β -modification of Y_4C_7 with Lu_4C_7 type and Dy_3C_4 with Sc_3C_4 type structure. <i>Journal of Alloys and Compounds</i> , 1998 , 278, 161-164	5-7	7
45	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 $Nb_5Si_2Sn_2$ (Ordered W_5Si_3 , Filled $V_4Si_2Sb_2$) Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 337-343	1-3	7
44	Preparation and Crystal Structures of Ternary Rare Earth Osmium Gallides $LnOsGa_3$ ($Ln = Gd-Tm$) and $LnOsGa_3$ ($Ln = La-Nd$). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 1505	1-3	7
43	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
42	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
41	Preparation, Crystal Structure, and Magnetic Properties of Rare Earth Ruthenium and Osmium Carbides with $La_3.67Fe_6C_6$ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001 , 627, 341-348	1-3	7
40	Preparation and Crystal Structure of the Intermetallics $La_4Mo_7Al_{51}$ and $La_4W_7Al_{51}$. <i>Journal of Solid State Chemistry</i> , 1999 , 143, 198-201	3-3	7

- 39 Magnetic properties of the uranium transition metal carbides U_2TC_2 ($T = Ru, Os, Rh, Ir$ and Pt). *Solid State Communications*, **1996**, 97, 815-819 1.6 7
- 38 Synthese, Struktur und elektronische Eigenschaften von $Cu_{0.69}NbTe_2$. *Chemische Berichte*, **1994**, 127, 15-21 7
- 37 The Crystal Structure of $Mn_3As_2(III)$. *Journal of Solid State Chemistry*, **1994**, 113, 257-260 3.3 7
- 36 Ternary Rare Earth Platinum Germanides $RE_2Pt_9Ge_3$ ($RE = Y, Tb, Lu$) Crystallizing with a Monoclinic Structure Closely Related to Orthorhombic $Y_2Co_3Ga_9$. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 1218-1226 1.3 6
- 35 Infrared and Raman spectra of Hg_2MoO_4 and Hg_2WO_4 . *Journal of Raman Spectroscopy*, **2001**, 32, 395-398 3 6
- 34 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. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2001**, 627, 2673-2679 1.3 6
- 33 Preparation and crystal structure of the ternary uranium rare Earth antimonides $(U_{2/3}R_{1/3})Sb_2$ and $(U_{1/2}R_{1/2})_3Sb_7$ with mixed U/R occupancy of the metal sites and a variety of antimony polyanions. *Inorganic Chemistry*, **2001**, 40, 6356-61 5.1 6
- 32 $U_5Mo_{10}B_{24}$, a boride containing three different kinds of boron polyanions. *Journal of Alloys and Compounds*, **1996**, 233, L3-L7 5.7 6
- 31 Preparation, Properties, and Structure of the Polyphosphides VNi_4P_{16} , $NbNi_4P_{16}$, and WNi_4P_{16} . *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1993**, 48, 1774-1780 1 6
- 30 A Further Extension of Pnictide Oxide Chemistry [Synthesis and Structure of La_2AuP_2O . *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 331-335 1.3 5
- 29 Rare Earth Ruthenium Gallides with the Ideal Composition $Ln_2Ru_3Ga_5$ ($Ln = La, Nd, Sm$) crystallizing with $U_2Mn_3Si_5$ ($Sc_2Fe_3Si_5$) Type Structure [*Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2010**, 636, 1100-1105 1.3 5
- 28 Preparation and crystal structure of the ternary carbides $R_{12}Os_5C_{15}$ with $R=Y, Pr, Nd, Sm, Gd, Lu$. *Journal of Alloys and Compounds*, **1998**, 281, 233-236 5.7 5
- 27 Polyborides with Th_2NiB_{10} -Type Structure: Synthesis, Crystal Structure, and Magnetic and Electrical Properties. *Journal of Solid State Chemistry*, **2000**, 154, 246-253 3.3 5
- 26 Magnetic properties of the ternary uranium transition metal carbides $UCrC_2$, UCr_4C_4 , UW_4C_4 , $U_5Re_3C_8$ and U_2NiC_3 . *Journal of Alloys and Compounds*, **1993**, 196, 173-176 5.7 5
- 25 Structure refinement of $Ce_2Ni_{22}C_{32}$ and properties of the isotypic carbides $Ln_2Ni_{22}C_{32}$ ($Ln=La, Nd, Sm, Gd, Ho$). *Journal of Alloys and Compounds*, **1992**, 186, 223-232 5.7 5
- 24 Diffusionless phase transitions in Fe_2P type phases. *Journal of the Less Common Metals*, **1975**, 39, 347-350 5
- 23 Preparation and Crystal Structure of the Ternary Lanthanoid Nickel Arsenides $Ln_{13}Ni_{25}As_{19}$ ($Ln = Tm, Yb, Lu$). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2001**, 627, 2095 1.3 4
- 22 Preparation and Crystal Structure of the Equiatomic Rare Earth Palladium Silicides $NdPdSi$, $SmPdSi$, $GdPdSi$, and $TbPdSi$. *Journal of Solid State Chemistry*, **1999**, 142, 130-137 3.3 4

21	Infrared and Raman spectra of $(\text{Hg}_2)_3(\text{AsO}_4)_2$ and $\text{Hg}_3(\text{AsO}_4)_2$. <i>Journal of Raman Spectroscopy</i> , 1999 , 30, 1049-1051	2-3	4
20	The Missing Stacking Variant 4-MnP_4 , Realized for the Solid Solution $\text{Cr}_{1-x}\text{Mn}_x\text{P}_4$ ($x = 0.30-0.7$). <i>Journal of Solid State Chemistry</i> , 1996 , 122, 206-213	3-3	4
19	Magnetic properties of the ternary phosphide $\text{U}_3\text{Ni}_{3.34}\text{P}_6$. <i>Journal of Physics and Chemistry of Solids</i> , 1996 , 57, 521-525	3-9	4
18	ScFe_5P_3 , ScRu_6P_4 , $\text{U}_2\text{Mo}_{30}\text{P}_{19}$, 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
17	Quaternary Rare Earth Ruthenium and Osmium Phosphide Carbides RRu_2PC and ROs_2PC with DyFe_2SiC Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 1430-1434	1-3	3
16	The chromium phosphide carbide $\text{Cr}_8\text{P}_6\text{C}$. <i>Journal of Alloys and Compounds</i> , 1995 , 229, 233-237	5-7	3
15	Preparation and crystal structure of the carbide $\text{Gd}_{10.34}\text{Mn}_{12.66}\text{C}_{18}$. <i>Journal of Alloys and Compounds</i> , 1996 , 243, L8-L10	5-7	3
14	Magnetic properties of the carbides Ln_3C_4 ($\text{Ln} = \text{Ho-Lu}$) and $\text{Y}_3\text{B}_{0.2}\text{C}_{3.8}$ with Sc_3C_4 -type structure. <i>Journal of the Less Common Metals</i> , 1991 , 171, 95-99		3
13	Crystal Structure and Properties of Some Filled and Unfilled Skutterudites: $\text{GdFe}_4\text{P}_{12}$, $\text{SmFe}_4\text{P}_{12}$, $\text{NdFe}_4\text{As}_{12}$, $\text{Eu}_{0.54}\text{Co}_4\text{Sb}_{12}$, $\text{Fe}_{0.5}\text{Ni}_{0.5}\text{P}_3$, CoP_3 , and NiP_3 2000 , 626, 1112		3
12	The Phosphides $\text{U}_6\text{Fe}_{30}\text{P}_{19}$ and $\text{U}_6\text{Co}_{30}\text{P}_{19}$ with the $\text{Yb}_6\text{Co}_{30}\text{P}_{19}$ Structure Type. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1342-1346	1-3	2
11	Crystal Structure of the Silicide Phosphide $\text{Gd}_4\text{Co}_{13}(\text{Si}, \text{P})_9$, the Isotypic Lanthanoid Cobalt Silicide Phosphides $\text{Ln}_4\text{Co}_{13}(\text{Si}, \text{P})_9$ ($\text{Ln} = \text{Sm}, \text{Tb}, \text{Dy}, \text{Ho}, \text{Er}$), and the Uranium Iron Phosphide $\text{U}_4\text{Fe}_{13}\text{P}_9$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 895-900	1-3	2
10	Preparation and Crystal Structure of the Ternary Lanthanoid Platinum Antimonides $\text{Ln}_3\text{Pt}_7\text{Sb}_4$ ($\text{Ln} = \text{Ce}, \text{Pr}, \text{Nd}, \text{and Sm}$) with $\text{Er}_3\text{Pd}_7\text{P}_4$ Type Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 927	1-3	2
9	Preparation and Crystal Structure of the Calcium Rhenate(VI, VII) $\text{Ca}_5\text{Re}_3\text{O}_{15-x}$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1483-1488	1	2
8	The Thorium Transition Metal Borides $\text{Th}_2\text{TB}_{10}$ ($\text{T} = \text{Fe}, \text{Co}, \text{Ni}$) with a Structure Very Similar to that of CaB_6 . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995 , 50, 1195-1199	1	2
7	Ternary Rare Earth Metal Palladium and Platinum Aluminides $\text{R}_4\text{Pd}_9\text{Al}_{24}$ and $\text{R}_4\text{Pt}_9\text{Al}_{24}$ 1999 , 625, 1417		2
6	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
5	The Silver(I) Mercury(II) Oxide Nitrate with the Empirical Formula AgHg_2NO_5 . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1489-1494	1	1
4	Phosphides and Polyphosphides of the Transition Metals. <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 30, 413-416		1

- | | | | |
|---|--|---|---|
| 3 | The Lanthanoid Osmium Gallides $\text{Er}_2\text{Os}_3\text{Ga}_{10}$ and $\text{Tm}_2\text{Os}_3\text{Ga}_{10}$ with $\text{Yb}_2\text{Ru}_3\text{Ga}_{10}$ -type Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 499-503 | 1 | 0 |
| 2 | Synthesis and Crystal Structure of $\text{Hg}_2\text{V}_8\text{O}_{20}$ [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 |
| 1 | Crystal structure of the rare earth cobalt phosphides $\text{Ln}_6\text{Co}_3\text{O}_3\text{P}_9$ (Ln = Er-Lu). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1993 , 207, 69-80 | 1 | |