

Peter Franz Rogl

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6096226/peter-franz-rogl-publications-by-year.pdf>

Version: 2024-04-26

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.

215
papers

4,531
citations

37
h-index

58
g-index

221
ext. papers

4,967
ext. citations

3.9
avg. IF

5.44
L-index

| # | Paper | IF | Citations |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 215 | Understanding thermal and electronic transport in high-performance thermoelectric skutterudites. <i>Intermetallics</i> , 2022 , 146, 107567 | 3.5 | 1 |
| 214 | Site preference, thermodynamic, and magnetic properties of the ternary Laves phase $Ti(Fe_{1-x}Al_x)_2$ with the crystal structure of the $MgZn_2$ -type. <i>International Journal of Materials Research</i> , 2022 , 97, 450-460 | 0.5 | |
| 213 | Physical properties of $\{Ti,Zr,Hf\}NiSn$ compounds.. <i>Dalton Transactions</i> , 2021 , 51, 361-374 | 4.3 | |
| 212 | Anisotropy of Microstructure and Its Influence on Thermoelectricity: The Case of $Cu_2Te_{8b}2Te_3$ Eutectic. <i>ACS Applied Energy Materials</i> , 2021 , 4, 11867-11877 | 6.1 | 2 |
| 211 | Properties of HPT-Processed Large Bulks of p-Type Skutterudite $DD_{0.7}Fe_3CoSb_{12}$ with $ZT > 1.3$. <i>ACS Applied Energy Materials</i> , 2021 , 4, 4831-4844 | 6.1 | 3 |
| 210 | On the constitution and thermodynamic modeling of the phase diagrams Nb-Mn and Ta-Mn. <i>Journal of Alloys and Compounds</i> , 2021 , 865, 158715 | 5.7 | 1 |
| 209 | Study of thermal stability of n-type skutterudites $Sr_{0.07}Ba_{0.07}Yb_{0.07}Co_4Sb_{12}$ by differential thermal analysis and Knudsen effusion method. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2021 , 73, 102258 | 1.9 | 1 |
| 208 | HPT production of large bulk skutterudites. <i>Journal of Alloys and Compounds</i> , 2021 , 854, 156678 | 5.7 | 7 |
| 207 | Influence of shear strain on HPT-processed n-type skutterudites yielding $ZT=2.1$. <i>Journal of Alloys and Compounds</i> , 2021 , 855, 157409 | 5.7 | 9 |
| 206 | Thermoelectric properties enhancement of $Ba_{0.12}Co_4Sb_{12}$ through dispersion of GaSb inclusions. <i>Physica B: Condensed Matter</i> , 2021 , 606, 412440 | 2.8 | 1 |
| 205 | LaPdGe and NdPdGe Compounds: Chemical Bonding and Physical Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 3345-3354 | 5.1 | 5 |
| 204 | Study of thermal stability of half-Heusler alloys $TiFe_{1.33}Sb$ and $Ti_xNb_{1-x}FeSb$ ($x = 0, 0.15$) by differential thermal analysis and Knudsen effusion method. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2021 , 74, 102292 | 1.9 | 0 |
| 203 | InSb nanoparticles dispersion in Yb-filled Co_4Sb_{12} improves the thermoelectric performance. <i>Journal of Alloys and Compounds</i> , 2021 , 880, 160532 | 5.7 | 2 |
| 202 | Preferential phonon scattering and low energy carrier filtering by interfaces of formed InSb nanoprecipitates and GaSb nanoinclusions for enhanced thermoelectric performance of InCoSb. <i>Dalton Transactions</i> , 2020 , 49, 15883-15894 | 4.3 | 2 |
| 201 | Thermoelectric Properties and Stability of Nanocomposites Type I Clathrate Ba-Cu-Si with SiC. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1055-1061 | 1.3 | 2 |
| 200 | Thermoelectric properties of Al substituted tetrahedrite. <i>Journal of Applied Physics</i> , 2020 , 127, 035105 | 2.5 | 4 |
| 199 | Half-Heusler alloys: Enhancement of ZT after severe plastic deformation (ultra-low thermal conductivity). <i>Acta Materialia</i> , 2020 , 183, 285-300 | 8.4 | 32 |

| | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 198 | Enhanced Thermoelectric Performance in the BaCoSb/InSb Nanocomposite Originating from the Minimum Possible Lattice Thermal Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 48729-48740 ² | 9.5 | 2 |
| 197 | How Severe Plastic Deformation Changes the Mechanical Properties of Thermoelectric Skutterudites and Half Heusler Alloys. <i>Frontiers in Materials</i> , 2020 , 7, | 4 | 2 |
| 196 | Resistivity and Thermal Expansion (4.2820 K) of Skutterudites after Severe Plastic Deformation via HPT. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1267-1272 | 1.3 | 4 |
| 195 | Determination of structural disorder in Heusler-type phases. <i>Computational Materials Science</i> , 2020 , 172, 109307 | 3.2 | 8 |
| 194 | Effect of Fe alloying on the thermoelectric performance of Cu ₂ Te. <i>Journal of Alloys and Compounds</i> , 2020 , 817, 152729 | 5.7 | 17 |
| 193 | Interaction of Skutterudites with Contact Materials: A Metallurgical Analysis. <i>Journal of Phase Equilibria and Diffusion</i> , 2020 , 41, 365-377 | 1 | 1 |
| 192 | The Effect of Severe Plastic Deformation on Thermoelectric Performance of Skutterudites, Half-Heuslers and Bi-Tellurides. <i>Materials Transactions</i> , 2019 , 60, 2071-2085 | 1.3 | 17 |
| 191 | Structural and Thermoelectric Properties of Cu Substituted Type I Clathrates Ba ₁₀ Si ₆ Ga. <i>Materials</i> , 2019 , 12, | 3.5 | 3 |
| 190 | Evidence of multiband behavior in a new superconductor Ta _{0.8} Zr _{0.2} B with FeB-prototype structure. <i>Journal of Alloys and Compounds</i> , 2019 , 803, 597-600 | 5.7 | 1 |
| 189 | Sustainable and simple processing technique for n-type skutterudites with high ZT and their analysis. <i>Acta Materialia</i> , 2019 , 173, 9-19 | 8.4 | 16 |
| 188 | Study of thermal stability of p-type skutterudites DDFeCoSb by Knudsen effusion mass spectrometry.. <i>RSC Advances</i> , 2019 , 9, 21451-21459 | 3.7 | 5 |
| 187 | The system thorium-palladium-boron: A DFT study on the stability and properties of Th ₂ Pd ₁₅ B ₅ . <i>Journal of Alloys and Compounds</i> , 2019 , 811, 151578 | 5.7 | |
| 186 | Syntheses and Properties of Yb(Al _{1-x} Tx)B ₄ (T = Cr, Fe) Compounds. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2019 , 66, 525-529 | 0.2 | |
| 185 | Skutterudites: Progress and Challenges 2019 , 177-201 | | 5 |
| 184 | Study of thermal stability of CoSb ₃ skutterudite by Knudsen effusion mass spectrometry. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2019 , 65, 1-7 | 1.9 | 13 |
| 183 | Origin of Band Modulation in GeTe-Rich Ge _{1-x} Bi _x Te Thin Film. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 2619-2625 | 4 | 2 |
| 182 | Structural, thermodynamic, and electronic properties of Laves-phase NbMn ₂ from first principles, x-ray diffraction, and calorimetric experiments. <i>Physical Review B</i> , 2018 , 97, | 3.3 | 5 |
| 181 | Boron-phil and boron-phob structure units in novel borides NiZnB and NiZnB: experiment and first principles calculations. <i>Dalton Transactions</i> , 2018 , 47, 3303-3320 | 4.3 | 6 |

| | | | |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 180 | On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. <i>Journal of Alloys and Compounds</i> , 2018 , 742, 1058-1082 | 5.7 | 17 |
| 179 | Suppression of vacancies boosts thermoelectric performance in type-I clathrates. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1727-1735 | 13 | 17 |
| 178 | Thermoelectric properties of CoSb with BiTe nanoinclusions. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 095701 | 1.8 | 11 |
| 177 | Physical properties of TiMn ₂ and interaction with refractory TiN (system Ti-Mn-N). <i>Journal of Alloys and Compounds</i> , 2018 , 740, 647-659 | 5.7 | 4 |
| 176 | Structure and properties of a novel boride (V _{0.92} Fe _{0.08}) ₂ FeB ₂ with partially ordered U ₃ Si ₂ -type. <i>Journal of Alloys and Compounds</i> , 2018 , 746, 638-647 | 5.7 | 3 |
| 175 | Structure and properties of a novel boride: ThNiB. <i>Dalton Transactions</i> , 2018 , 47, 12933-12943 | 4.3 | |
| 174 | Novel ternary compound Ce ₄ Pt ₉ Al ₁₃ : Crystal structure, physical properties. <i>Journal of Alloys and Compounds</i> , 2018 , 767, 496-503 | 5.7 | 2 |
| 173 | Crystal Chemistry and Thermoelectric Properties of Type-I Clathrate Ba _n NiSiGe (n = 0, 10, 20, 42.2). <i>Materials</i> , 2018 , 11, | 3.5 | 1 |
| 172 | Direct SPD-processing to achieve high-ZT skutterudites. <i>Acta Materialia</i> , 2018 , 159, 352-363 | 8.4 | 22 |
| 171 | The half Heusler system TiFeSb-TiCoSb with Sb/Sn substitution: phase relations, crystal structures and thermoelectric properties. <i>Dalton Transactions</i> , 2018 , 47, 879-897 | 4.3 | 26 |
| 170 | Crystal structure and physical properties of UMo ₃ B ₇ . <i>Intermetallics</i> , 2017 , 85, 180-186 | 3.5 | 4 |
| 169 | Th Fe -Type Related Structures in Pd(Pt)-Cu-B Systems: Pd CuB -A New Structure Type for Borides. <i>Chemistry - A European Journal</i> , 2017 , 23, 4810-4817 | 4.8 | 1 |
| 168 | On the Half-Heusler compounds Nb _{1-x} {Ti,Zr,Hf} _x FeSb: Phase relations, thermoelectric properties at low and high temperature, and mechanical properties. <i>Acta Materialia</i> , 2017 , 135, 263-276 | 8.4 | 44 |
| 167 | (V,Nb)-doped half Heusler alloys based on {Ti,Zr,Hf}NiSn with high ZT. <i>Acta Materialia</i> , 2017 , 131, 336-348. | 4 | 97 |
| 166 | ScRuB and ScRuB: Borides Featuring a 2D Infinite Boron Clustering. <i>Inorganic Chemistry</i> , 2017 , 56, 10549-10553 | 5 | 3 |
| 165 | How nanoparticles can change the figure of merit, ZT, and mechanical properties of skutterudites. <i>Materials Today Physics</i> , 2017 , 3, 48-69 | 8 | 57 |
| 164 | Chemical and Thermoelectric Properties of Hot Pressed and Spark Plasma Sintered Type-I Clathrate Ba ₈ Cu _{4.8} Si _{41.2} . <i>Journal of Electronic Materials</i> , 2016 , 45, 1840-1845 | 1.9 | 1 |
| 163 | Thermoelectric high ZT half-Heusler alloys Ti _{1-x} Zr _x Hf _y NiSn (0 ≤ x ≤ 1; 0 ≤ y ≤ 1). <i>Acta Materialia</i> , 2016 , 104, 210-222 | 8.4 | 143 |

| | | | |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 162 | Mechanical properties of half-Heusler alloys. <i>Acta Materialia</i> , 2016 , 107, 178-195 | 8.4 | 171 |
| 161 | Incorporation of platinum atoms in a silicon-free boride of the YB50-type structure. <i>Journal of Alloys and Compounds</i> , 2016 , 675, 99-103 | 5.7 | 6 |
| 160 | BaAl ₄ derivative phases in the sections {La,Ce}Ni ₂ Si ₂ -{La,Ce}Zn ₂ Si ₂ : phase relations, crystal structures and physical properties. <i>Dalton Transactions</i> , 2016 , 45, 5262-73 | 4.3 | 1 |
| 159 | Peculiarities of thermoelectric half-Heusler phase formation in Gd-Ni-Sb and Lu-Ni-Sb ternary systems. <i>Journal of Solid State Chemistry</i> , 2016 , 239, 145-152 | 3.3 | 17 |
| 158 | Yb _{9+x} CuMg _{4-x} (x = 0.034): A β Phase Formed by Lanthanoids. <i>Inorganic Chemistry</i> , 2016 , 55, 8174-83 | 5.1 | 4 |
| 157 | The Ti-Mn system revisited: experimental investigation and thermodynamic modelling. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23326-39 | 3.6 | 12 |
| 156 | Nanostructured clathrates and clathrate-based nanocomposites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016 , 213, 784-801 | 1.6 | 1 |
| 155 | Constitution of the systems {V,Nb,Ta}-Sb and physical properties of di-antimonides {V,Nb,Ta}Sb ₂ . <i>Intermetallics</i> , 2015 , 65, 94-110 | 3.5 | 17 |
| 154 | In-doped multifilled n-type skutterudites with ZT = 1.8. <i>Acta Materialia</i> , 2015 , 95, 201-211 | 8.4 | 114 |
| 153 | New bulk p-type skutterudites DD _{0.7} Fe _{2.7} Co _{1.3} Sb ₁₂ X (X = Ge, Sn) reaching ZT > 1.3. <i>Acta Materialia</i> , 2015 , 91, 227-238 | 8.4 | 84 |
| 152 | Phase Relations and Crystal Structures in the Ternary Systems Sr-{Ag, Au}-{Si, Ge}. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1404-1421 | 1.3 | 6 |
| 151 | High Temperature FeB-type Phases in the Systems Ta-{Ti,Zr,Hf}-B. <i>Journal of Phase Equilibria and Diffusion</i> , 2015 , 36, 620-631 | 1 | 5 |
| 150 | Pt-B System Revisited: Pt ₂ B, a New Structure Type of Binary Borides. Ternary WA12-Type Derivative Borides. <i>Inorganic Chemistry</i> , 2015 , 54, 10958-65 | 5.1 | 7 |
| 149 | Crystal structures and constitution of the binary system iridium-boron. <i>Science China Materials</i> , 2015 , 58, 649-668 | 7.1 | 16 |
| 148 | On the constitution and thermodynamic modelling of the system TiNi ₃ Bi. <i>RSC Advances</i> , 2015 , 5, 92270-92291 | 3.7 | 37 |
| 147 | The system Ce ₂ nBi for . <i>RSC Advances</i> , 2015 , 5, 36480-36497 | 3.7 | 3 |
| 146 | Superconductivity and spin fluctuations in the actinoid-platinum metal borides {Th,U}Pt ₃ B. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 1 |
| 145 | From Occupied Voids to Nanoprecipitates: Synthesis of Skutterudite Nanocomposites in situ. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1495-1502 | 1.3 | 4 |

| | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 144 | Concepts for medium-high to high temperature thermoelectric heat-to-electricity conversion: a review of selected materials and basic considerations of module design. <i>Translational Materials Research</i> , 2015 , 2, 025001 | | 77 |
| 143 | Ba ₅ {V,Nb}12Sb19+x, novel variants of the Ba ₅ Ti12Sb19+x-type: crystal structure and physical properties. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 24248-61 | 3.6 | 7 |
| 142 | Changes in microstructure and physical properties of skutterudites after severe plastic deformation. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 3715-22 | 3.6 | 26 |
| 141 | n-Type skutterudites (R,Ba,Yb) _y Co ₄ Sb ₁₂ (R=Sr, La, Mm, DD, SrMm, SrDD) approaching ZT ₀ . <i>Acta Materialia</i> , 2014 , 63, 30-43 | 8.4 | 215 |
| 140 | Thermoelectric Properties of Two-Phase PbTe with Indium Inclusions. <i>Journal of Electronic Materials</i> , 2014 , 43, 1630-1638 | 1.9 | 8 |
| 139 | Effect of High-Pressure Torsion on Texture, Microstructure, and Raman Spectroscopy: Case Study of Fe- and Te-Substituted CoSb ₃ . <i>Journal of Electronic Materials</i> , 2014 , 43, 3817-3823 | 1.9 | 13 |
| 138 | The Systems Tantalum (Niobium)-Cobalt-Boron. <i>Journal of Phase Equilibria and Diffusion</i> , 2014 , 35, 43-85 | | 5 |
| 137 | Crystal Structure of W1 $\bar{1}$ B3 and Phase Equilibria in the Boron-Rich Part of the Systems Mo-Rh-B and W-{Ru,Os,Rh,Ir,Ni,Pd,Pt}-B. <i>Journal of Phase Equilibria and Diffusion</i> , 2014 , 35, 384-395 | 1 | 21 |
| 136 | Nanostructuring of p- and n-type skutterudites reaching figures of merit of approximately 1.3 and 1.6, respectively. <i>Acta Materialia</i> , 2014 , 76, 434-448 | 8.4 | 85 |
| 135 | Absence of time-reversal symmetry breaking in the noncentrosymmetric superconductor Mo ₃ Al ₂ C. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 21 |
| 134 | Influence of hot pressing temperature on thermoelectric properties of type-I clathrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 1282-1287 | 1.6 | 3 |
| 133 | Thermoelectric properties of PbTe with encapsulated bismuth secondary phase. <i>Journal of Applied Physics</i> , 2013 , 113, 123707 | 2.5 | 18 |
| 132 | Thermoelectric properties of chalcogenide based Cu _{2+x} ZnSn _{1-x} Se ₄ . <i>AIP Advances</i> , 2013 , 3, 032106 | 1.5 | 35 |
| 131 | High-Pressure Torsion to Improve Thermoelectric Efficiency of Clathrates?. <i>Journal of Electronic Materials</i> , 2013 , 42, 1330-1334 | 1.9 | 13 |
| 130 | The system Ta $\bar{1}$ Nb $\bar{1}$ Bi: Thermodynamic modeling. <i>Journal of Solid State Chemistry</i> , 2013 , 199, 171-180 | 3.3 | 5 |
| 129 | The effect of multisubstitution on the thermoelectric properties of chalcogenide-based Cu _{2.1} Zn _{0.9} Sn _{1-x} In _x Se ₄ (0 \leq x \leq 1). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013 , 210, 2471-2478 | 1.6 | 22 |
| 128 | Phase relations and structural features in the system Ni $\bar{1}$ Zn $\bar{1}$ B. <i>Journal of Solid State Chemistry</i> , 2013 , 198, 150-161 | 3.3 | 7 |
| 127 | In _y Co ₄ Sb ₁₂ Skutterudite: Phase Equilibria and Crystal Structure. <i>Journal of Electronic Materials</i> , 2013 , 42, 2940-2952 | 1.9 | 37 |

| | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 126 | Thermoelectric properties of Fe _{0.2} Co _{3.8} Sb ₁₂ Te _x skutterudites. <i>Acta Materialia</i> , 2013 , 61, 6698-6711 | 8.4 | 45 |
| 125 | Physical properties of the ternary borides Ni ₂₁ Zn ₂ B ₂₀ and Ni ₃ ZnB ₂ . <i>Journal of Alloys and Compounds</i> , 2013 , 550, 302-307 | 5.7 | 5 |
| 124 | Peculiarities of structural disorder in Zr- and Hf-containing Heusler and half-Heusler stannides. <i>Intermetallics</i> , 2013 , 35, 45-52 | 3.5 | 39 |
| 123 | Phase equilibria, formation, crystal and electronic structure of ternary compounds in TiNi ₃ Sn and TiNi ₃ B ternary systems. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 103-112 | 3.3 | 46 |
| 122 | Tuning of band gap and thermoelectric properties of type-I clathrate Ba ₈ Ni _x Zn _y Ge ₄₆ Sn _z . <i>Journal of Alloys and Compounds</i> , 2013 , 567, 65-72 | 5.7 | 17 |
| 121 | The crystal structure of Ni ₇ Zn co-doped boron, Ni _{0.18} Zn _{1.21} B _{34.94} . <i>Journal of Alloys and Compounds</i> , 2013 , 561, 276-283 | 5.7 | 2 |
| 120 | Dependence of thermoelectric behaviour on severe plastic deformation parameters: A case study on p-type skutterudite DD _{0.60} Fe ₃ CoSb ₁₂ . <i>Acta Materialia</i> , 2013 , 61, 6778-6789 | 8.4 | 51 |
| 119 | Phase equilibria and crystal structures in the system Ce ₇ Nb ₅ . <i>Intermetallics</i> , 2013 , 36, 118-126 | 3.5 | 7 |
| 118 | Physical properties of non-centrosymmetric Ni ₂ Zn ₁₁ . <i>Intermetallics</i> , 2013 , 38, 88-91 | 3.5 | 6 |
| 117 | Structural and thermoelectric properties of Ba ₈ Cu ₅ Si _x Ge ₄₁ clathrates. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 26 |
| 116 | Clathrate formation in the systems Ba ₈ Ge ₄₆ and Ba ₈ {Rh, Ir}-Si: Crystal chemistry and phase relations. <i>Intermetallics</i> , 2013 , 36, 61-72 | 3.5 | 13 |
| 115 | Structural and physical properties diversity of new CaCu ₅ -type related europium platinum borides. <i>Inorganic Chemistry</i> , 2013 , 52, 4185-97 | 5.1 | 8 |
| 114 | Crystal structure, and physical properties of the novel compounds EuRh ₃ Ge ₇ and EuIr ₃ Ge ₇ . <i>Intermetallics</i> , 2013 , 42, 45-51 | 3.5 | 4 |
| 113 | Ti ₈ (Ti(x)Mn(1-x)) ₆ Mn ₃₉ (TiMn(~4)) ₈ is a metallic spin fluctuation system. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 106002 | 1.8 | 1 |
| 112 | Influence of Sn on the structural and thermoelectric properties of the type-I clathrates Ba ₈ Cu ₅ Si ₆ Ge _{35-x} Sn _x (0 ≤ x ≤ 6). <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1490, 19-26 | | 2 |
| 111 | Phase relations, crystal chemistry, and physical properties of MgZn ₂ -type Laves phases in the Mn-Cu-Si and Mn-Ni-Si systems. <i>Physical Review B</i> , 2013 , 88, | 3.3 | 2 |
| 110 | Severe Plastic Deformation, A Tool to Enhance Thermoelectric Performance. <i>Springer Series in Materials Science</i> , 2013 , 193-254 | 0.9 | 13 |
| 109 | Boron site preference in ternary Ta and Nb boron silicides. <i>Journal of Solid State Chemistry</i> , 2012 , 190, 1-7 | 3.3 | 6 |

| | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 108 | Spinodal decomposition in $(\text{Ca}_x\text{Ba}_{1-x})\text{Fe}_4\text{Sb}_{12}$. <i>Acta Materialia</i> , 2012 , 60, 4487-4495 | 8.4 | 6 |
| 107 | Crystal structures and hardness of novel compounds: Hexagonal $\text{Mo}(\text{Cu}_x\text{Al}_{1-x})_6\text{Al}_4$, MoCu_2Al_8 and orthorhombic $\{\text{Mo}, \text{W}, \text{Re}\}\text{Ni}_2\text{Al}_{8+x}$. <i>Intermetallics</i> , 2012 , 23, 187-198 | 3.5 | |
| 106 | Thermoelectric properties of p-type didymium (DD) based skutterudites $\text{DDy}(\text{Fe}_{1-x}\text{Ni}_x)_4\text{Sb}_{12}$ ($0.13 \leq x \leq 0.25$, $0.46 \leq y \leq 0.68$). <i>Journal of Alloys and Compounds</i> , 2012 , 537, 242-249 | 5.7 | 47 |
| 105 | Effect of HPT processing on the structure, thermoelectric and mechanical properties of $\text{Sr}_{0.07}\text{Ba}_{0.07}\text{Yb}_{0.07}\text{Co}_4\text{Sb}_{12}$. <i>Journal of Alloys and Compounds</i> , 2012 , 537, 183-189 | 5.7 | 63 |
| 104 | Thermoelectric properties of Ba-Cu-Si clathrates. <i>Physical Review B</i> , 2012 , 85, | 3.3 | 32 |
| 103 | Structural and Thermoelectric Properties of $\text{Ba}_8\text{Cu}_x\text{Si}_{23-x}\text{Ge}_3$ ($4.5 \leq x \leq 17$). <i>Journal of Electronic Materials</i> , 2012 , 41, 1159-1164 | 1.9 | 8 |
| 102 | High-pressure torsion, a new processing route for thermoelectrics of high ZTs by means of severe plastic deformation. <i>Acta Materialia</i> , 2012 , 60, 2146-2157 | 8.4 | 107 |
| 101 | The ternary system AuBaBi : Clathrate solution, electronic structure, physical properties, phase equilibria and crystal structures. <i>Acta Materialia</i> , 2012 , 60, 2324-2336 | 8.4 | 23 |
| 100 | Thermoelectric and magnetic properties of nanocrystalline $\text{La}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$. <i>Journal of Applied Physics</i> , 2012 , 111, 063722 | 2.5 | 13 |
| 99 | A new generation of p-type didymium skutterudites with high ZT. <i>Intermetallics</i> , 2011 , 19, 546-555 | 3.5 | 104 |
| 98 | First-Order Phase Transition in a New CaCu_5 -Related Antimonide, CePt_5Sb . <i>Chemistry of Materials</i> , 2011 , 23, 4016-4024 | 9.6 | 2 |
| 97 | The system CeZnB at 800°C. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 2840-2848 | 3.3 | 10 |
| 96 | Features of a priori heavy doping of the n-TiNiSn intermetallic semiconductor. <i>Semiconductors</i> , 2011 , 45, 850-856 | 0.7 | 13 |
| 95 | Single-Crystal Investigations on Quaternary Clathrates $\text{Ba}_8\text{Cu}_5\text{Si}_x\text{Ge}_{41-x}$ ($x = 6, 18, 41$). <i>Journal of Electronic Materials</i> , 2011 , 40, 589-596 | 1.9 | 13 |
| 94 | Phase Equilibria, Crystal Chemistry and Physical Properties of Au-Ba-Ge Clathrates. <i>Journal of Phase Equilibria and Diffusion</i> , 2011 , 32, 115-127 | 1 | 21 |
| 93 | Crystal structure of novel Ni-Zn borides: first observation of a boron-metal nested cage unit: B_2ONi_6 . <i>Inorganic Chemistry</i> , 2011 , 50, 7669-75 | 5.1 | 19 |
| 92 | Phase equilibria, crystal chemistry, electronic structure and physical properties of AgBaGe clathrates. <i>Acta Materialia</i> , 2011 , 59, 2368-2384 | 8.4 | 34 |
| 91 | Enhanced Thermoelectric Figure of Merit in P-Type $\text{DDy}(\text{Fe}_{1-x}\text{Co}_x)_4\text{Sb}_{12}$. <i>Solid State Phenomena</i> , 2011 , 170, 240-243 | 0.4 | 19 |

| | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 90 | Dependence of the Elastic Moduli of Skutterudites on Density and Temperature. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1325, 29 | | 5 |
| 89 | Mechanical Properties of Skutterudites. <i>Science of Advanced Materials</i> , 2011 , 3, 517-538 | 2.3 | 90 |
| 88 | Impact of Ball Milling and High-Pressure Torsion on the Microstructure and Thermoelectric Properties of p- and n-Type Sb-Based Skutterudites. <i>Materials Science Forum</i> , 2010 , 667-669, 1089-1094 | 0.4 | 4 |
| 87 | Thermal expansion of skutterudites. <i>Journal of Applied Physics</i> , 2010 , 107, 043507 | 2.5 | 66 |
| 86 | ON THE SKUTTERUDITE Pt ₄ Sn _{4.4} Sb _{7.6} . <i>International Journal of Modern Physics B</i> , 2010 , 24, 711-721 | 1.1 | 3 |
| 85 | Thermal expansion of thermoelectric type-I-clathrates. <i>Journal of Applied Physics</i> , 2010 , 108, 043529 | 2.5 | 35 |
| 84 | The system uranium-palladium-boron with U _{2.5} Pd _(20.5) B ₍₆₎ , a new heavy fermion compound. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 125601 | 1.8 | 2 |
| 83 | On the physical properties of RPd ₍₈₎ B _(2-x) and R ₍₃₎ Pd _(25-x) B _(8-y) (R = La, Ce). <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 425603 | 1.8 | 2 |
| 82 | Unconventional superconducting phase in the weakly correlated noncentrosymmetric Mo ₃ Al ₂ C compound. <i>Physical Review B</i> , 2010 , 82, | 3.3 | 102 |
| 81 | Thermoelectric properties of novel skutterudites with didymium: DDy(Fe _{1-x} Cox) ₄ Sb ₁₂ and DDy(Fe _{1-x} Nix) ₄ Sb ₁₂ . <i>Intermetallics</i> , 2010 , 18, 57-64 | 3.5 | 106 |
| 80 | Novel silicide BaPt ₅ Si ₁₂ : Crystal structure and physical properties. <i>Intermetallics</i> , 2010 , 18, 173-178 | 3.5 | 2 |
| 79 | Structural and physical properties of n-type skutterudite Ca _{0.07} Ba _{0.23} Co _{3.95} Ni _{0.05} Sb ₁₂ . <i>Intermetallics</i> , 2010 , 18, 394-398 | 3.5 | 33 |
| 78 | The tau-borides τ (Fe _{0.54} Ir _{0.46}) ₂₀ Fe ₃ B ₆ and τ (Co _{0.64} Ir _{0.36}) ₂₁ Co _{0.16} B ₄ B ₆ . <i>Intermetallics</i> , 2010 , 18, 694-701 | 3.5 | 9 |
| 77 | Phase equilibria and crystal structures in the system EuBd ₂ B. <i>Intermetallics</i> , 2010 , 18, 1642-1647 | 3.5 | 3 |
| 76 | The system NdBe ₂ Bb: Phase equilibria, crystal structures and physical properties. <i>Intermetallics</i> , 2010 , 18, 2361-2376 | 3.5 | 8 |
| 75 | Multifilled nanocrystalline p-type didymium β skutterudites with ZT > 1.2. <i>Intermetallics</i> , 2010 , 18, 2435-2444 | 3.5 | 80 |
| 74 | Thermoelectric performance of mischmetal skutterudites MmyFe _{4-x} CoxSb ₁₂ at elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2010 , 490, 19-25 | 5.7 | 45 |
| 73 | Impact of high pressure torsion on the microstructure and physical properties of Pr _{0.67} Fe ₃ CoSb ₁₂ , Pr _{0.71} Fe _{3.5} Ni _{0.5} Sb ₁₂ , and Ba _{0.06} Co ₄ Sb ₁₂ . <i>Journal of Alloys and Compounds</i> , 2010 , 494, 78-83 | 5.7 | 46 |

| | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 72 | Influence of filler element and Ni-substitution on thermoelectric properties of multi-filled skutterudites. <i>Journal of Alloys and Compounds</i> , 2010 , 504, 53-59 | 5.7 | 16 |
| 71 | Crystal structure and physical properties of quaternary clathrates $Ba_8Zn_xGe_{46-y}Si_y$, $Ba_8(Zn,Cu)_xGe_{46}$ and $Ba_8(Zn,Pd)_xGe_{46}$. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2329-2342 | 3.3 | 14 |
| 70 | Skutterudites: Thermoelectric Materials for Automotive Applications?. <i>Journal of Electronic Materials</i> , 2010 , 39, 2074-2078 | 1.9 | 38 |
| 69 | Giant Thermopower at Low Temperatures in Novel Clathrates $Ba_8\{Cu,Zn\}_xGe_{46}$. <i>Journal of Electronic Materials</i> , 2010 , 39, 1687-1691 | 1.9 | 1 |
| 68 | Ba-Cu-Si Clathrates: Phase Equilibria and Crystal Chemistry. <i>Journal of Electronic Materials</i> , 2010 , 39, 1634-1639 | 1.9 | 28 |
| 67 | Bulk Nanostructured Functional Materials By Severe Plastic Deformation. <i>Advanced Engineering Materials</i> , 2010 , 12, 692-700 | 3.5 | 53 |
| 66 | On phase equilibria and crystal structures in the systems $CePd_3B_5$ and $YbPd_3B_5$. Physical properties of $R_2Pd_{13.6}B_5$ (R=Yb, Lu). <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1013-1037 | 3.3 | 15 |
| 65 | The ternary system: Silicon-Tantalum-Uranium. <i>Journal of Nuclear Materials</i> , 2010 , 404, 55-59 | 3.3 | 3 |
| 64 | Mechanical properties of filled antimonide skutterudites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010 , 170, 26-31 | 3.1 | 83 |
| 63 | Thermal and electronic properties of $CePd_3In_2$. <i>Physical Review B</i> , 2009 , 79, | 3.3 | 5 |
| 62 | On the Thermoelectric Potential of Inverse Clathrates. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1166, 3 | | 5 |
| 61 | The formation, structure and physical properties of $M(2)Pd_{(14+x)}B_{(5-y)}$ compounds, with M = La, Ce, Pr, Nd, Sm, Eu, Gd, Lu and Th. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 305401 | 1.8 | 7 |
| 60 | The ternary system cerium-palladium-silicon. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 2497-2509 | 3.3 | 12 |
| 59 | Phase equilibria in systems CeM_3B_5 (M=Si, Ge, Sn) and superstructure $Ce_{12}Ge_{9-x}Sb_{23+x}$ ($x=3.8 \pm 0.1$). <i>Journal of Solid State Chemistry</i> , 2009 , 182, 645-656 | 3.3 | 15 |
| 58 | The clathrate $Ba_8Cu_xGe_{46-y}$: Phase equilibria and crystal structure. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 1754-1760 | 3.3 | 37 |
| 57 | The ternary Laves phase $Nb(Ni_{1-x}Al_x)_2$ with $MgZn_2$ -type. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2009 , 33, 11-16 | 1.9 | 5 |
| 56 | Laves phases in the ternary systems $Ti(Pd, Pt)Al$. <i>Intermetallics</i> , 2009 , 17, 336-342 | 3.5 | 16 |
| 55 | Crystal structure and physical properties of $EPCo_4.7Ge_9$ (EP = Sr, Ba, Eu). <i>Intermetallics</i> , 2009 , 17, 471-476 | 3.5 | 3 |

| | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 54 | On the four-phase reactions in the TiNiAl system. <i>Intermetallics</i> , 2009 , 17, 1000-1006 | 3.5 | 9 |
| 53 | MmFe ₄ Sb ₁₂ - and CoSb ₃ -based nano-skutterudites prepared by ball milling: Kinetics of formation and transport properties. <i>Journal of Alloys and Compounds</i> , 2009 , 481, 106-115 | 5.7 | 59 |
| 52 | Formation of clathrates BaM ₄ Ge (M = Mn, Fe, Co). <i>International Journal of Materials Research</i> , 2009 , 100, 189-202 | 0.5 | 18 |
| 51 | Crystal structure, phase stability and elastic properties of the Laves phase ZrTiCu ₂ . <i>Intermetallics</i> , 2008 , 16, 651-657 | 3.5 | 16 |
| 50 | Pressure Response of Novel Superconducting {Sr,Ba}Pt ₄ Ge ₁₂ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 350-352 | 1.5 | 5 |
| 49 | Structure and Physical Properties of Clathrate I Systems Ba ₈ PdxSi _{46-x} and Ba ₈ PtxSi _{46-x} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 54-60 | 1.5 | 31 |
| 48 | Lattice dynamics of skutterudites: Inelastic x-ray scattering on CoSb ₃ . <i>Physical Review B</i> , 2008 , 77, | 3.3 | 40 |
| 47 | Superconductivity and spin fluctuations in {Th,U}Pt ₄ Ge ₁₂ skutterudites. <i>Physical Review B</i> , 2008 , 78, | 3.3 | 35 |
| 46 | Superconductivity and Magnetism in MPt ₄ Ge ₁₂ , M = Ca, Ba, Sr, Eu. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 121-127 | 1.5 | 16 |
| 45 | On the Quaternary System Ti-Fe-Ni-Al. <i>Journal of Phase Equilibria and Diffusion</i> , 2008 , 29, 414-428 | 1 | 5 |
| 44 | The Heusler Phase Ti ₂₅ (Fe _{50-x} Ni _x)Al ₂₅ (0 ≤ x ≤ 50); Structure and Constitution. <i>Journal of Phase Equilibria and Diffusion</i> , 2008 , 29, 500-508 | 1 | 15 |
| 43 | BaPt ₄ Ge ₁₂ : A Skutterudite Based Entirely on a Ge Framework. <i>Advanced Materials</i> , 2008 , 20, 1325-1328 | 2.4 | 5 |
| 42 | Crystal chemistry of the G-phases in the {Ti, Zr, Hf}Ni ₃ Si systems. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 733-741 | 3.3 | 10 |
| 41 | Ab initio study of structural stability, elastic, vibrational, and electronic properties of TiPd ₂ . <i>Physical Review B</i> , 2007 , 76, | 3.3 | 10 |
| 40 | Ab initio study of structural, magnetic, vibrational, and thermodynamic properties of the Laves-phase compound HfMn ₂ . <i>Physical Review B</i> , 2007 , 76, | 3.3 | 11 |
| 39 | Structural, thermodynamic, and transport properties of Laves-phase ZrMn ₂ from x-ray and neutron diffraction and first principles. <i>Physical Review B</i> , 2006 , 74, | 3.3 | 12 |
| 38 | Structural transition with loss of symmetry in TiM ₂ Al based G-phases (MFe and Co). <i>Intermetallics</i> , 2006 , 14, 784-791 | 3.5 | 8 |
| 37 | The ternary system: hafniumsiliconuranium. <i>Journal of Alloys and Compounds</i> , 2005 , 387, 246-250 | 5.7 | 10 |

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 36 | Crystal chemistry of the G-phase region in the TiCoAl system. <i>Intermetallics</i> , 2005 , 13, 497-509 | 3.5 | 9 |
| 35 | REPt3Si (RE = La, Pr, Nd, Sm and Gd): isotypes of the heavy fermion superconductor CePt3Si. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 1877-1888 | 1.8 | 11 |
| 34 | Influence of 2 at.% Ruthenium Addition on the Oxidation of TiAl at 900°C in Air. <i>Oxidation of Metals</i> , 2004 , 62, 15-28 | 1.6 | 3 |
| 33 | Mössbauer Effect Study of Eu _{0.88} Fe ₄ Sb ₁₂ Skutterudite. <i>Hyperfine Interactions</i> , 2004 , 158, 211-215 | 0.8 | 4 |
| 32 | Formation and crystal chemistry of cubic ternary phases with filled Th ₆ Mn ₂₃ -type and AuCu ₃ -type in the systems TiM ₃ Al. <i>Intermetallics</i> , 2004 , 12, 563-577 | 3.5 | 30 |
| 31 | X-ray investigation of alloys with composition Th _{37.5} M ₂₅ M _{37.5} ; M=Al,Ga, M?=Si,Ge. <i>Journal of Alloys and Compounds</i> , 2004 , 365, 173-177 | 5.7 | 2 |
| 30 | Crystal chemistry and thermoelectric properties of clathrates with rare-earth substitution. <i>Physica B: Condensed Matter</i> , 2003 , 328, 44-48 | 2.8 | 36 |
| 29 | Computational and experimental study of phase stability, cohesive properties, magnetism and electronic structure of TiMn ₂ . <i>Acta Materialia</i> , 2003 , 51, 1239-1247 | 8.4 | 49 |
| 28 | Constitution of the ternary system Al-Ru-Ti (Aluminum-Ruthenium-Titanium). <i>Journal of Phase Equilibria and Diffusion</i> , 2003 , 24, 511-527 | | 18 |
| 27 | The ternary system: silicon-titanium-uranium. <i>Journal of Alloys and Compounds</i> , 2003 , 350, 155-159 | 5.7 | 11 |
| 26 | Carbon-vacancy ordering in subcarbide (Cr _{0.7} Re _{0.3}) ₂ C _{0.9} ; a combined X-ray and neutron diffraction study. <i>Journal of Alloys and Compounds</i> , 2003 , 350, L1-L3 | 5.7 | |
| 25 | Critical assessment and thermodynamic calculation of the ternary system C-Hf-Zr (Carbon-Zirconium-Hafnium). <i>Journal of Phase Equilibria and Diffusion</i> , 2002 , 23, 218-235 | | 21 |
| 24 | Phase equilibria and magnetism in the MoSi ₃ system. <i>Journal of Nuclear Materials</i> , 2001 , 288, 66-75 | 3.3 | 18 |
| 23 | Phase relations in the Al-rich corner of the TiNiAl system. <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 379-384 | 5.7 | 18 |
| 22 | Constitution, structural chemistry and magnetism in the ternary system CeAgBi. <i>Journal of Alloys and Compounds</i> , 2001 , 320, 308-319 | 5.7 | 12 |
| 21 | The niobium-silicon-uranium system. <i>Journal of Nuclear Materials</i> , 2000 , 277, 82-90 | 3.3 | 12 |
| 20 | Thermoelectric properties of ternary transition metal antimonides. <i>Journal of Alloys and Compounds</i> , 2000 , 296, 235-242 | 5.7 | 39 |
| 19 | Thermodynamic properties of Ce(RuRh _{1-x}) ₃ B ₂ . <i>Physica B: Condensed Matter</i> , 1999 , 259-261, 116-117 | 2.8 | 1 |

| | | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 18 | The antimony-niobium (Sb-Nb) system. <i>Journal of Phase Equilibria and Diffusion</i> , 1999 , 20, 475-478 | | 7 |
| 17 | The antimony-iron-zirconium (Sb-Fe-Zr) system. <i>Journal of Phase Equilibria and Diffusion</i> , 1999 , 20, 497-507 | | 11 |
| 16 | Constitution, structural chemistry, and magnetism of the ternary system Ce-Ag-Ge. <i>Journal of Phase Equilibria and Diffusion</i> , 1999 , 20, 407-422 | | 14 |
| 15 | The antimony-iron-niobium (Sb-Fe-Nb) system. <i>Journal of Phase Equilibria and Diffusion</i> , 1999 , 20, 113-118 | | 11 |
| 14 | Ternary metal boron carbides. <i>International Journal of Refractory Metals and Hard Materials</i> , 1999 , 17, 27-32 | 4.1 | 19 |
| 13 | Magnetic structures of $U_3M_2M_3$, $M=Al, Ga$; $M=Si, Ge$: a neutron powder diffraction study. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 191, 291-300 | 2.8 | 11 |
| 12 | The ternary system $AlNiTi$ Part I: Isothermal section at 900°C; Experimental investigation and thermodynamic calculation. <i>Intermetallics</i> , 1999 , 7, 1337-1345 | 3.5 | 74 |
| 11 | The B-Pu (boron-plutonium) system. <i>Journal of Phase Equilibria and Diffusion</i> , 1997 , 18, 467-473 | | 8 |
| 10 | A Mössbauer study of $R_6Fe_{13}X$ ($R=Pr, Nd$; $X=In, Sn, Tl, Pb, Cu, Ag, Au$). <i>Hyperfine Interactions</i> , 1994 , 94, 1915-1920 | 0.8 | 10 |
| 9 | Magnetism and crystal chemistry in $REFe_{12}Gax$ ($RE=Y, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu$ and $MM=mischmetal$) and $(Zr, Pr)(Fe_{12}Cox)_{12}Gay$. <i>Journal of Applied Physics</i> , 1990 , 68, 3512-3517 | 2.5 | 25 |
| 8 | New ternary borides with $LuRuB_2$ -type. <i>Materials Research Bulletin</i> , 1985 , 20, 1273-1278 | 5.1 | 5 |
| 7 | Magnetism and structural chemistry of ternary borides RE_2MB_6 ($RE = \text{rare earth}, M = Ru, Os$). <i>Journal of Solid State Chemistry</i> , 1984 , 54, 414-420 | 3.3 | 12 |
| 6 | The crystal structure of $Sc_2Ru_5B_4$. <i>Journal of Solid State Chemistry</i> , 1984 , 55, 262-269 | 3.3 | 16 |
| 5 | Studies of the (Sc, Zr, Hf)-(Rh, Ir)-b systems. <i>Journal of the Less Common Metals</i> , 1979 , 67, 41-50 | | 43 |
| 4 | Structural chemistry of ternary metal borides. <i>Journal of the Less Common Metals</i> , 1978 , 61, 39-45 | | 32 |
| 3 | Über den Auffüllungsmodus in den β -Phasen. <i>Monatshfte für Chemie</i> , 1977 , 108, 1167-1180 | 1.4 | 21 |
| 2 | Existence and Crystal Chemistry of Borides. <i>Inorganic Reactions and Methods</i> , 85-98 | | 18 |
| 1 | High pressure torsion, a large-scale manufacturing tool for high ZT skutterudite thermoelectrics. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , | 1.3 | 0 |

