Grytsiv Andriy

List of Publications by Year
in descending order

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178	5,041	93792	134545
papers	citations	39	62
		h-index	g-index

201	201	201	3233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HPT production of large bulk skutterudites. Journal of Alloys and Compounds, 2021, 854, 156678.	2.8	12
2	Influence of shear strain on HPT-processed n-type skutterudites yielding ZT=2.1. Journal of Alloys and Compounds, 2021, 855, 157409.	2.8	17
3	Properties of HPT-Processed Large Bulks of p-Type Skutterudite DD_{0.7}Fe₃CoSb₁₂ with ZT > 1.3. ACS Applied Energy Materials, 2021, 4, 4831-4844.	2.5	8
4	On the constitution and thermodynamic modeling of the phase diagrams Nb-Mn and Ta-Mn. Journal of Alloys and Compounds, 2021, 865, 158715.	2.8	4
5	Physical properties of {Ti,Zr,Hf}2Ni2Sn compounds. Dalton Transactions, 2021, 51, 361-374.	1.6	0
6	Determination of structural disorder in Heusler-type phases. Computational Materials Science, 2020, 172, 109307.	1.4	12
7	Half-Heusler alloys: Enhancement of ZT after severe plastic deformation (ultra-low thermal) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.8	44
8	Interaction of Skutterudites with Contact Materials: A Metallurgical Analysis. Journal of Phase Equilibria and Diffusion, 2020, 41, 365-377.	0.5	2
9	Study of thermal stability of p-type skutterudites DD_{0.7}Fe₃CoSb₁₂ by Knudsen effusion mass spectrometry. RSC Advances, 2019, 9, 21451-21459.	1.7	5
10	High-ZT half-Heusler thermoelectrics, Ti0.5Zr0.5NiSn and Ti0.5Zr0.5NiSn0.98Sb0.02: Physical properties at low temperatures. Acta Materialia, 2019, 166, 466-483.	3.8	31
11	Thermoelectric Half-Heusler compounds TaFeSb and Ta1-xTixFeSb (0 â‰¤ x â‰¤ 0.11): Formation and physical properties. Intermetallics, 2019, 111, 106468.	1.8	14
12	Sustainable and simple processing technique for n-type skutterudites with high ZT and their analysis. Acta Materialia, 2019, 173, 9-19.	3.8	22
13	On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. Journal of Alloys and Compounds, 2018, 742, 1058-1082.	2.8	20
14	Nanostructuring as a tool to adjust thermal expansion in high ZT skutterudites. Acta Materialia, 2018, 145, 359-368.	3.8	35
15	Constitution of the binary M-Sb systems (M = Ti, Zr, Hf) and physical properties of MSb2. Intermetallics, 2018, 94, 119-132.	1.8	13
16	The half Heusler system Ti_{1+x}Fe_{1.33â^'x}Sbâ€“TiCoSb with Sb/Sn substitution: phase relations, crystal structures and thermoelectric properties. Dalton Transactions, 2018, 47, 879-897.	1.6	36
17	Novel ternary compound Ce4Pt9Al13: Crystal structure, physical properties. Journal of Alloys and Compounds, 2018, 767, 496-503.	2.8	4
18	Direct SPD-processing to achieve high-ZT skutterudites. Acta Materialia, 2018, 159, 352-363.	3.8	27

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19	On the Half-Heusler compounds Nb1-x{Ti,Zr,Hf}xFeSb: Phase relations, thermoelectric properties at low and high temperature, and mechanical properties. Acta Materialia, 2017, 135, 263-276.	3.8	61
20	(V,Nb)-doped half Heusler alloys based on {Ti,Zr,Hf}NiSn with high ZT. Acta Materialia, 2017, 131, 336-348.	3.8	119
21	Attempts to further enhance ZT in skutterudites via nano-composites. Journal of Alloys and Compounds, 2017, 695, 682-696.	2.8	31
22	Ba-filled Niâ€“Sbâ€“Sn based skutterudites with anomalously high lattice thermal conductivity. Dalton Transactions, 2016, 45, 11071-11100.	1.6	13
23	BaAl₄ derivative phases in the sections {La,Ce}Ni₂Si₂â€“{La,Ce}Zn₂Si₂: phase relations, crystal structures and physical properties. Dalton Transactions, 2016, 45, 5262-5273.	1.6	2
24	Thermoelectric high ZT half-Heusler alloys Ti1âˆ’xâˆ’yZrxHfyNiSn (0Ââ‰ÂxÂâ‰Â1; 0Ââ‰ÂyÂâ‰Â1). Acta Materialia, 2016, 104, 210-222.	3.8	166
25	Mechanical properties of half-Heusler alloys. Acta Materialia, 2016, 107, 178-195.	3.8	235
26	Ba₅{V,Nb}₁₂Sb_{19+x}, novel variants of the Ba₅Ti₁₂Sb_{19+x}-type: crystal structure and physical properties. Physical Chemistry Chemical Physics, 2015, 17, 24248-24261.	1.3	8
27	Changes in microstructure and physical properties of skutterudites after severe plastic deformation. Physical Chemistry Chemical Physics, 2015, 17, 3715-3722.	1.3	29
28	Constitution of the systems {V,Nb,Ta}-Sb and physical properties ofÂdi-antimonides {V,Nb,Ta}Sb2. Intermetallics, 2015, 65, 94-110.	1.8	23
29	In-doped multifilled n-type skutterudites with ZT= 1.8. Acta Materialia, 2015, 95, 201-211.	3.8	146
30	New bulk p-type skutterudites DD0.7Fe2.7Co1.3Sb12âˆ’X (X = Ge, Sn) reaching ZT > 1.3. Acta Materialia, 2015, 91, 227-238.	3.8	98
31	Phase Relations and Crystal Structures in the Ternary Systems Srâ€{Ag, Au}â€{Si, Ge}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1404-1421.	0.6	7
32	On the constitution and thermodynamic modelling of the system Tiâ€“Niâ€“Sn. RSC Advances, 2015, 5, 92270-92291.	1.7	43
33	The system Ceâ€“Znâ€“Si for <33.3 at.% Ce: phase relations, crystal structures and physical properties. RSC Advances, 2015, 5, 36480-36497.	1.7	3
34	The Sr-poor part of the Srâ€“{Pd,Pt}â€“{Si,Ge} systems: Phase equilibria and crystal structure of ternary phases. Journal of Alloys and Compounds, 2015, 618, 656-665.	2.8	3
35	Nanostructuring of p- and n-type skutterudites reaching figures of merit of approximately 1.3 and 1.6, respectively. Acta Materialia, 2014, 76, 434-448.	3.8	102
36	Crystal structure and Ce valence variation in the solid solution CeRh_{3 âˆ’ x}Pd_xB_{0.5}. Materials Research Express, 2014, 1, 016101.	0.8	7

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37	The system Baâ€“Znâ€“Sn at 500 Â°C: Phase equilibria, crystal and electronic structure of ternary phases. Journal of Alloys and Compounds, 2014, 585, 287-298.	2.8	9
38	Formation and stability of the clathrate-I structure in the systems Srâ€“(Ni,Cu,Zn)â€“Ge based on experimental and DFT studies. Intermetallics, 2014, 46, 185-189.	1.8	4
39	n-Type skutterudites (R,Ba,Yb)yCo4Sb12 (R=Sr, La, Mm, DD, SrMm, SrDD) approaching ZTâ‰ˆ2.0. Acta Materialia, 2014, 63, 30-43.	3.8	254
40	Crystal Structure of W1âˆ’x 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. Journal of Phase Equilibria and Diffusion, 2014, 35, 384-395.	0.5	27
41	Clathrate formation in the systems Srâ€“Cuâ€“Ge and {Ba,Sr}â€“Cuâ€“Ge. Journal of Solid State Chemistry, 2014, 217, 169-179.	1.4	4
42	New p- and n-type skutterudites with ZT>1 and nearly identical thermal expansion and mechanical properties. Acta Materialia, 2013, 61, 4066-4079.	3.8	28
43	High-Pressure Torsion to Improve Thermoelectric Efficiency of Clathrates?. Journal of Electronic Materials, 2013, 42, 1330-1334.	1.0	15
44	Novel intermetallic Ybâˆ¼3Ptâˆ¼4Si6âˆ’ (x= 0.3) â€“ A disordered variant of the Y3Pt4Ge6-type. Journal of Alloys and Compounds, 2013, 571, 93-97.	2.8	5
45	Phase relations and structural features in the system Niâ€“Znâ€“B. Journal of Solid State Chemistry, 2013, 198, 150-161.	1.4	9
46	In y Co4Sb12 Skutterudite: Phase Equilibria and Crystal Structure. Journal of Electronic Materials, 2013, 42, 2940-2952.	1.0	41
47	Influence of Sn-substitution on the thermoelectric properties of the clathrate type-I, Ba8ZnxGe46âˆ’xâˆ’ySny. Dalton Transactions, 2013, 42, 2913-2920.	1.6	12
48	Physical properties of the ternary borides Ni21Zn2B20 and Ni3ZnB2. Journal of Alloys and Compounds, 2013, 550, 302-307.	2.8	8
49	Peculiarities of structural disorder in Zr- and Hf-containing Heusler and half-Heusler stannides. Intermetallics, 2013, 35, 45-52.	1.8	48
50	Phase equilibria, formation, crystal and electronic structure of ternary compounds in Tiâ€“Niâ€“Sn and Tiâ€“Niâ€“Sb ternary systems. Journal of Solid State Chemistry, 2013, 197, 103-112.	1.4	53
51	Tuning of band gap and thermoelectric properties of type-I clathrate Ba8NixZnyGe46âˆ’xâˆ’yâˆ’zSnz. Journal of Alloys and Compounds, 2013, 567, 65-72.	2.8	18
52	Dependence of thermoelectric behaviour on severe plastic deformation parameters: A case study on p-type skutterudite DD0.60Fe3CoSb12. Acta Materialia, 2013, 61, 6778-6789.	3.8	59
53	Phase equilibria and crystal structures in the system Ceâ€“Znâ€“Si. Intermetallics, 2013, 36, 118-126.	1.8	7
54	Cage-Forming Compounds in the Baâ€“Rhâ€“Ge System: From Thermoelectrics to Superconductivity. Inorganic Chemistry, 2013, 52, 931-943.	1.9	20

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55	Clathrate formation in the systems Baâ€“Irâ€“Ge and Ba-{Rh, Ir}-Si: Crystal chemistry and phase relations. Intermetallics, 2013, 36, 61-72.	1.8	15
56	Crystal structure, and physical properties of the novel compounds EuRh3Ge7 and EuIr3Ge7. Intermetallics, 2013, 42, 45-51.	1.8	4
57	Ti8(TixMn1â^'x)6Mn39(â€˜TiMnâ^¼4â€™): a metallic spin fluctuation system. Journal of Physics Condensed Matter, 2013, 25, 106002.	0.7	1
58	Phase relations, crystal chemistry, and physical properties of MgZn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>-type Laves phases in the Mn-Cu-Si and Mn-Ni-Si systems. Physical Review B, 2013, 88, .	1.1	4
59	From Superconductivity Towards Thermoelectricity: Ge-Based Skutterudites. NATO Science for Peace and Security Series B: Physics and Biophysics, 2013, , 115-127.	0.2	2
60	Type-I clathrate Ba8NixSi46â^'x: Phase relations, crystal chemistry and thermoelectric properties. Dalton Transactions, 2012, 41, 8839.	1.6	25
61	Liquidus projection of the Agâ€“Baâ€“Ge system and melting points of clathrate type-I compounds. Journal of Solid State Chemistry, 2012, 196, 125-131.	1.4	8
62	Spinodal decomposition in (CaxBa1â^'x)yFe4Sb12. Acta Materialia, 2012, 60, 4487-4495.	3.8	7
63	Phase relations and crystal structures in the system Ceâ€“Niâ€“Zn at 800 Â°C. Journal of Solid State Chemistry, 2012, 194, 80-90.	1.4	5
64	Crystal structures and hardness of novel compounds: Hexagonal Mo(CuxAl1â^'x)6Al4, MoCu2Al8â^'x and orthorhombic {Mo,W,Re}Ni2â^'xAl8+x. Intermetallics, 2012, 23, 187-198.	1.8	0
65	Thermoelectric properties of p-type didymium (DD) based skutterudites DDy(Fe1â^'xNix)4Sb12 (0.13â©½xâ©½0.25.) Tj ETQq1 1 0.78	2.8	52
66	Effect of HPT processing on the structure, thermoelectric and mechanical properties of Sr0.07Ba0.07Yb0.07Co4Sb12. Journal of Alloys and Compounds, 2012, 537, 183-189.	2.8	71
67	Evaluation of the thermoelectric potential of the type-I clathrate Ba8NiyZnxGe46â^'xâ^'y. Journal Physics D: Applied Physics, 2012, 45, 215308.	1.3	8
68	Structural and Thermoelectric Properties of Ba8Cu x Si23-x Ge23 (4.5Ââ‰ÂxÂâ‰Â7). Journal of Electronic Materials, 2012, 41, 1159-1164.	1.0	9
69	The ternary system Auâ€“Baâ€“Si: Clathrate solution, electronic structure, physical properties, phase equilibria and crystal structures. Acta Materialia, 2012, 60, 2324-2336.	3.8	24
70	The systems Srâ€“Znâ€“{Si,Ge}: Phase equilibria and crystal structure of ternary phases. Journal of Solid State Chemistry, 2012, 186, 87-93.	1.4	5
71	The system Taâ€“Vâ€“Si: Crystal structure and phase equilibria. Journal of Solid State Chemistry, 2012, 187, 114-123.	1.4	9
72	Boron site preference in ternary Ta and Nb boron silicides. Journal of Solid State Chemistry, 2012, 190, 1-7.	1.4	7

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73	Crystal Structure of Novel Niâ€“Zn Borides: First Observation of a Boronâ€“Metal Nested Cage Unit: B₂₀Ni₆. Inorganic Chemistry, 2011, 50, 7669-7675.	1.9	22
74	Phase Relations and Crystal Structure of Ï„-Ti2(Ti0.16Ni0.43Al0.41)3. Inorganic Chemistry, 2011, 50, 4537-4547.	1.9	6
75	Effect of Th doping on superconductivity in CePt3Si. Journal of Alloys and Compounds, 2011, 509, 5216-5218.	2.8	2
76	A new generation of p-type didymium skutterudites with high ZT. Intermetallics, 2011, 19, 546-555.	1.8	115
77	Crystal structure of Ï„-5â€“TiNi2â^'xAl5 (x=0.48) and isotypic {Zr,Hf}Ni2â^'xAl5â^'y. Intermetallics, 2011, 19, 1340-1347.	1.8	6
78	Single-Crystal Investigations on Quaternary Clathrates Ba8Cu5Si x Ge41â^'x (xÂ=Â6, 18, 41). Journal of Electronic Materials, 2011, 40, 589-596.	1.0	15
79	Phase Equilibria, Crystal Chemistry and Physical Properties of Au-Ba-Ge Clathrates. Journal of Phase Equilibria and Diffusion, 2011, 32, 115-127.	0.5	23
80	Phase equilibria, crystal chemistry, electronic structure and physical properties of Agâ€“Baâ€“Ge clathrates. Acta Materialia, 2011, 59, 2368-2384.	3.8	37
81	Thermal expansion and magnetostriction of GdAg2, and relations to the magnetoelastic paradox. Solid State Communications, 2011, 151, 1112-1116.	0.9	1
82	Compositional dependence of the thermoelectric properties of (Sr_xBa_xYb_{1 â^') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (2x})<sub>y Condensed Matter, 2011, 23, 275601.	0.7	32
83	Phase Equilibria, Crystal Chemistry, and Physical Properties of Agâ€“Baâ€“Si Clathrates. Japanese Journal of Applied Physics, 2011, 50, 05FA01.	0.8	11
84	Dependence of the Elastic Moduli of Skutterudites on Density and Temperature. Materials Research Society Symposia Proceedings, 2011, 1325, 29.	0.1	5
85	Phase Equilibria, Crystal Chemistry, and Physical Properties of Agâ€“Baâ€“Si Clathrates. Japanese Journal of Applied Physics, 2011, 50, 05FA01.	0.8	6
86	The ternary system ceriumâ€“rhodiumâ€“silicon. Journal of Solid State Chemistry, 2010, 183, 829-843.	1.4	30
87	Crystal structure and physical properties of quaternary clathrates Ba8ZnxGe46â^'xâ^'ySiy, Ba8(Zn,Cu)xGe46â^'x and Ba8(Zn,Pd)xGe46â^'x. Journal of Solid State Chemistry, 2010, 183, 2329-2342.	1.4	15
88	Skutterudites: Thermoelectric Materials for Automotive Applications?. Journal of Electronic Materials, 2010, 39, 2074-2078.	1.0	39
89	Giant Thermopower at Low Temperatures in Novel Clathrates Ba8{Cu,Zn} x Ge46â^'x. Journal of Electronic Materials, 2010, 39, 1687-1691.	1.0	1
90	Ternary systems Srâ€“{Ni,Cu}â€“Si: Phase equilibria and crystal structure of ternary phases. Journal of Solid State Chemistry, 2010, 183, 565-574.	1.4	27

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91	X-ray structural study of intermetallic alloys RT2Si and RTSi2 (R=rare earth, T=noble metal). Journal of Solid State Chemistry, 2010, 183, 1278-1289.	1.4	15
92	Mechanical properties of filled antimonide skutterudites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 170, 26-31.	1.7	92
93	Thermal expansion of skutterudites. Journal of Applied Physics, 2010, 107, .	1.1	74
94	Vibrational dynamics of the type-I clathrate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mn>8</mml:mn></mml:msu Physical Review B, 2010, 82, .	1.1	24
95	ON THE SKUTTERUDITE Pt₄Sn_{4.4}Sb_{7.6}. International Journal of Modern Physics B, 2010, 24, 711-721.	1.0	4
96	Thermoelectric properties of novel skutterudites with didymium: DDy(Fe1â^'xCox)4Sb12 and DDy(Fe1â^'xNix)4Sb12. Intermetallics, 2010, 18, 57-64.	1.8	119
97	Novel silicide BaPt5Si12: Crystal structure and physical properties. Intermetallics, 2010, 18, 173-178.	1.8	2
98	Structural and physical properties of n-type skutterudite Ca0.07Ba0.23Co3.95Ni0.05Sb12. Intermetallics, 2010, 18, 394-398.	1.8	36
99	The system Ndâ€“Feâ€“Sb: Phase equilibria, crystal structures and physical properties. Intermetallics, 2010, 18, 2361-2376.	1.8	8
100	Multifilled nanocrystalline p-type didymium â€“ Skutterudites with ZT>1.2. Intermetallics, 2010, 18, 2435-2444.	1.8	93
101	Thermoelectric performance of mischmetal skutterudites MmyFe4â^'xCoxSb12 at elevated temperatures. Journal of Alloys and Compounds, 2010, 490, 19-25.	2.8	49
102	Impact of high pressure torsion on the microstructure and physical properties of Pr0.67Fe3CoSb12, Pr0.71Fe3.5Ni0.5Sb12, and Ba0.06Co4Sb12. Journal of Alloys and Compounds, 2010, 494, 78-83.	2.8	50
103	Crystal structure and physical properties of Yb-based intermetallics Yb(Cu, Ag)2(Si, Ge)2, Yb(Cu1â^'xZnx)2Si2 (x=0.65, 0.77) and Yb(Ag0.18Si0.82)2. Journal of Alloys and Compounds, 2010, 504, 1-6.	2.8	18
104	Influence of filler element and Ni-substitution on thermoelectric properties of multi-filled skutterudites. Journal of Alloys and Compounds, 2010, 504, 53-59.	2.8	18
105	Thermal and electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CePd</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml Physical Review B, 2009, 79, .	3.7	8
106	Clathrates Ba₈{Zn,Cd}_xSi_{46â^'x},xâ^¼7: synthesis, crystal structure and thermoelectric properties. Journal of Physics Condensed Matter, 2009, 21, 385404.	0.7	27
107	Crystal structures of RPt3â^'xSi1â^'y(R=Y, Tb, Dy, Ho, Er, Tm, Yb) studied by single crystal X-ray diffraction. Journal of Solid State Chemistry, 2009, 182, 1921-1928.	1.4	7
108	The ternary system ceriumâ€“palladiumâ€“silicon. Journal of Solid State Chemistry, 2009, 182, 2497-2509.	1.4	15

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109	Phase equilibria in systems Ceâ€“Mâ€“Sb (M=Si, Ge, Sn) and superstructure Ce12Ge9â^'xSb23+x (x=3.8Â±0.1). Journal of Solid State Chemistry, 2009, 182, 645-656.	1.4	16
110	The clathrate Ba8CuxGe46â^'xâ^'yâ–¡y: Phase equilibria and crystal structure. Journal of Solid State Chemistry, 2009, 182, 1754-1760.	1.4	39
111	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaPtSi</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> A noncentrosymmetric BCS-like superconductor. Physical Review B, 2009, 80, .	3.1	105
112	The ternary Laves phase Nb(Ni1â^'xAlx)2 with MgZn2 -type. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2009, 33, 11-16.	0.7	6
113	Laves phases in the ternary systems Tiâ€“{Pd, Pt}â€“Al. Intermetallics, 2009, 17, 336-342.	1.8	18
114	Crystal structure and physical properties of EPCo4.7Ge9 (EP=Sr, Ba, Eu). Intermetallics, 2009, 17, 471-476.	1.8	3
115	On the crystal structure of the Mnâ€“Niâ€“Si G-phase. Journal of Alloys and Compounds, 2009, 469, 152-155.	2.8	24
116	MmFe4Sb12- and CoSb3-based nano-skutterudites prepared by ball milling: Kinetics of formation and transport properties. Journal of Alloys and Compounds, 2009, 481, 106-115.	2.8	64
117	High thermoelectric performance of triple-filledn-type skutterudites (Sr,Ba,Yb)_yCo₄Sb₁₂. Journal Physics D: Applied Physics, 2009, 42, 225405.	1.3	63
118	Formation of clathrates Baâ€“Mâ€“Ge(M = Mn, Fe, Co). International Journal of Materials Research, 2009, 100, 189-202.	0.1	19
119	Crystal structure of R3Pd25-xB8-y, R = La, Ce. Journal of Physics: Conference Series, 2009, 176, 012007.	0.3	3
120	On the Quaternary System Ti-Fe-Ni-Al. Journal of Phase Equilibria and Diffusion, 2008, 29, 414-428.	0.5	6
121	The Heusler Phase Ti25(Fe50Ââ^'Âx Ni x)Al25 (0Ââ‰ÂxÂâ‰Â50); Structure and Constitution. Journal of Phase Equilibria and Diffusion, 2008, 29, 500-508.	0.5	19
122	BaPt₄Ge₁₂: A Skutterudite Based Entirely on a Ge Framework. Advanced Materials, 2008, 20, 1325-1328.	11.1	7
123	On the system ceriumâ€“platinumâ€“silicon. Journal of Solid State Chemistry, 2008, 181, 2964-2975.	1.4	16
124	Crystal structures of isotypic aluminides CeRuAl and CeRhAl. Journal of Alloys and Compounds, 2008, 454, 164-167.	2.8	23
125	On the ternary Laves phases Ti(Mn1â^'xAlx)2 with MgZn2-type. Intermetallics, 2008, 16, 16-26.	1.8	27
126	Crystal structure, phase stability and elastic properties of the Laves phase ZrTiCu2. Intermetallics, 2008, 16, 651-657.	1.8	19

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127	Lattice dynamics of skutterudites: Inelastic x-ray scattering on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	1.1	41
128	Superconductivity and Magnetism in MPt₄Ge₁₂, M = Ca, Ba, Sr, Eu. Journal of the Physical Society of Japan, 2008, 77, 121-127.	0.7	17
129	Ternary clathrates Baâ€“Cdâ€“Ge: phase equilibria, crystal chemistry and physical properties. Journal of Physics Condensed Matter, 2007, 19, 046203.	0.7	41
130	Ternary clathrates Baâ€“Znâ€“Ge: phase equilibria, crystal chemistry and physical properties. Journal of Physics Condensed Matter, 2007, 19, 216223.	0.7	50
131	Structure and physical properties of type-I clathrate solid-solutionBa8PtxGe46â˜’xâ˜’yâ—»y(â—»=vacancy). Physical Review B, 2007, 76, .	1.1	51
132	Clathrate formation in the Ba-Pd-Ge system: Phase equilibria, crystal structure, and physical properties. Physical Review B, 2007, 76, .	1.1	47
133	On the ternary Laves phases {Sc,Ti}2M3Si (M=Cr, Mn, Fe, Co, Ni) with MgZn2-type. Journal of Alloys and Compounds, 2007, 429, 10-18.	2.8	18
134	The crystal structure of Ce16Ru8In37. Journal of Alloys and Compounds, 2007, 442, 89-92.	2.8	24
135	Superconductivity in Novel Ge-Based Skutterudites:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">{</mml:mo><mml:mi>Sr</mml:mi><mml:mo>,</mml:mo><mml:mi>Ba</mml:mi><mml:mo stretchy="false">}</mml:mo><mml:msub><mml:mi>Pt</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Ge</mml:mi> Physical Review Letters, 2007, 99, 217001.	2.9	90
136	Crystal chemistry of the G-phases in the {Ti, Zr, Hf}â€“Niâ€“Si systems. Journal of Solid State Chemistry, 2007, 180, 733-741.	1.4	12
137	Transport properties of Yb3Si5 single crystals under high pressure. Journal of Magnetism and Magnetic Materials, 2007, 310, e25-e27.	1.0	0
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