

Antonio Pereira Gonçalves

List of Publications by Year in descending order

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243
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2,813
citations

201674

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all docs

249
docs citations

249
times ranked

2204
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of Mechanical Properties with Non-Equimolar CrNbTaVW High Entropy Alloy. Crystals, 2022, 12, 219.	2.2	4
2	Botones de cachalote con perforación en V de Galeria da Cisterna (Sistema Kárstico de Almonda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	2
3	Protective Coatings for Cu ₁₁ Mn ₁ Sb ₄ S ₁₃ and Cu _{10.5} Ni _{1.5} Sb ₄ S ₁₃ Tetrahedrites. Journal of Electronic Materials, 2021, 50, 467-477.	2.2	3
4	On the Dissolution of Metals in Ionic Liquids 1. Iron, Cobalt, Nickel, Copper, and Zinc. Sustainable Chemistry, 2021, 2, 63-73.	4.7	3
5	Analysis of thermoelectric generator incorporating n-magnesium silicide and p-tetrahedrite materials. Energy Conversion and Management, 2021, 236, 114003.	9.2	16
6	Thermoelectric power generation from Biogas+H ₂ flames: Influence of Flame-Wall Interaction. Experimental Thermal and Fluid Science, 2021, 126, 110350.	2.7	3
7	Analysis and Design of a Silicide-Tetrahedrite Thermoelectric Generator Concept Suitable for Large-Scale Industrial Waste Heat Recovery. Energies, 2021, 14, 5655.	3.1	8
8	Laser Heating Study of the High-Temperature Interactions in Nanograined Uranium Carbides. Materials, 2021, 14, 5568.	2.9	1
9	Hydrogen gas gap heat switch operating in the 150 K to 400 K temperature range. Cryogenics, 2021, 119, 103365.	1.7	3
10	Preparation and densification of bulk pyrite, FeS ₂ . Journal of Physics and Chemistry of Solids, 2021, 159, 110296.	4.0	4
11	80 K vibration-free cooler for potential future Earth observation missions. IOP Conference Series: Materials Science and Engineering, 2020, 755, 012016.	0.6	4
12	Quantum effects in electrical transport properties of Bismuth chalcogenides Topological Insulators. EPJ Web of Conferences, 2020, 233, 01001.	0.3	0
13	Nanosize La-filled CoSb ₃ skutterudite fabricated by electrospinning. SN Applied Sciences, 2020, 2, 1.	2.9	1
14	Uranium Carbide Fibers with Nano-Grains as Starting Materials for ISOL Targets. Nanomaterials, 2020, 10, 2458.	4.1	3
15	Tetrahedrite Sintering Conditions: The Cu ₁₁ Mn ₁ Sb ₄ S ₁₃ Case. Journal of Electronic Materials, 2020, 49, 5077-5083.	2.2	7
16	Magnetic studies of monoclinic Cu ₄ O(SeO ₃) ₃ , a copper-oxo-selenite derivative. EPJ Web of Conferences, 2020, 233, 01002.	0.3	1
17	The influence of preparation conditions on the electrical transport properties of tetrahedrites. Materials Today: Proceedings, 2019, 8, 556-561.	1.8	2
18	The system thorium-palladium-boron: A DFT study on the stability and properties of Th ₂ Pd ₁₅ B ₅ . Journal of Alloys and Compounds, 2019, 811, 151578.	5.5	1

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19	Peculiar properties of UMB ₄ (M=V, Cr, Mo, W) uranium borides. <i>Advances in Applied Ceramics</i> , 2019, 118, 189-195.	1.1	0
20	Sintering and irradiation of copper-based high entropy alloys for nuclear fusion. <i>Fusion Engineering and Design</i> , 2019, 146, 1824-1828.	1.9	14
21	Effect of Composition on Thermoelectric Properties of As-Cast Materials: The Cu ₁₂ CoxSb ₄ S ₁₃ Y _{Se} Case. <i>Journal of Electronic Materials</i> , 2019, 48, 2028-2035.	2.2	6
22	Towards the Use of Cu ₂ S Based Synthetic Minerals for Thermoelectric Applications. <i>Semiconductors</i> , 2019, 53, 1817-1824.	0.5	6
23	Synthesis and magnetic studies of nanocrystalline Cu ₂ Mn ₂ a chiral topological magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 122-126.	2.3	3
24	Glass for Thermoelectric Applications. <i>Springer Handbooks</i> , 2019, , 1677-1696.	0.6	0
25	Oxidation Studies of Cu ₁₂ Sb ₃ 9Bi _{0.1} S ₁₀ Se ₃ Tetrahedrite. <i>Journal of Electronic Materials</i> , 2018, 47, 2880-2889.	2.2	15
26	Stabilization of Metastable Thermoelectric Crystalline Phases by Tuning the Glass Composition in the Cu ₂ As ₂ Te System. <i>Inorganic Chemistry</i> , 2018, 57, 754-767.	4.0	14
27	Short range order of As ₄₀ Cu _x Te ₆₀ glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 481, 202-207.	3.1	1
28	Cu _x CrFeMoTi (x=0.21, 0.44, 1) high entropy alloys as novel materials for fusion applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 238-239, 18-25.	3.5	8
29	14th European Conference on Thermoelectrics 20-23 September 2016, Lisbon, Portugal Preface. <i>Materials Today: Proceedings</i> , 2018, 5, 10185-10186.	1.8	0
30	Structure and properties of a novel boride: ThNi ₁₂ B ₆ . <i>Dalton Transactions</i> , 2018, 47, 12933-12943.	3.3	1
31	Eu Valence in EuAg ₅ -xGax (x=0.5 and 1). <i>Acta Physica Polonica A</i> , 2018, 134, 1063-1065.	0.5	0
32	Crystal structure and physical properties of UMo ₃ B ₇ . <i>Intermetallics</i> , 2017, 85, 180-186.	3.9	5
33	Effect of Isovalent Substitution on the Electronic Structure and Thermoelectric Properties of the Solid Solution In _{1-x} As ₂ Te ₃ Se _x (0 ≤ x ≤ 1.5). <i>Inorganic Chemistry</i> , 2017, 56, 2248-2257.	4.0	18
34	Thermoelectric properties and stability of glasses in the Cu ₂ As ₂ Te system. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2840-2851.	3.8	10
35	The R ₂ MgSn ₂ Series of Compounds (R = Rare Earth Metal): Synthesis, Crystal Structure, and Magnetic Measurements. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3040-3047.	2.0	4
36	Mössbauer and heat capacity studies of ErZnSn ₂ . <i>Nukleonika</i> , 2017, 62, 129-133.	0.8	0

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37	Synthesis of methanol using copper-f block element bimetallic oxides as catalysts and greenhouse gases (CO ₂ , CH ₄) as feedstock. <i>Journal of Catalysis</i> , 2016, 341, 24-32.	6.2	23
38	ErCu _{0.5} Ga _{3.5} a (3+1)D-incommensurately modulated variant of the BaAl ₄ type. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s323-s323.	0.1	0
39	High-temperature thermoelectric properties of the $\hat{I}^2\text{-As}_{2\hat{x}}\text{Bi}_{1-x}\text{Te}_3$ solid solution. <i>APL Materials</i> , 2016, 4, 104901.	5.1	8
40	Electronic structure, low-temperature transport and thermodynamic properties of polymorphic $\hat{I}^2\text{-As}_2\text{Te}_3$. <i>RSC Advances</i> , 2016, 6, 52048-52057.	3.6	11
41	Methanol synthesis over binary copper-f block element intermetallic compounds. <i>Catalysis Communications</i> , 2016, 84, 103-107.	3.3	5
42	Effect of Ni, Bi and Se on the tetrahedrite formation. <i>RSC Advances</i> , 2016, 6, 102359-102367.	3.6	13
43	Low-Temperature Transport Properties of Bi-Substituted $\hat{I}^2\text{-As}_2\text{Te}_3$ Compounds. <i>Journal of Electronic Materials</i> , 2016, 45, 1786-1791.	2.2	7
44	High thermoelectric performance in Sn-substituted $\hat{I}^{\pm}\text{-As}_2\text{Te}_3$. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2329-2338.	5.5	17
45	Fast and scalable preparation of tetrahedrite for thermoelectrics via glass crystallization. <i>Journal of Alloys and Compounds</i> , 2016, 664, 209-217.	5.5	19
46	Kondo effect in UCu _{5.5} Ga _{0.5} . <i>Journal of Alloys and Compounds</i> , 2016, 656, 957-960.	5.5	0
47	Thermoelectric Properties of the $\hat{I}^{\pm}\text{-As}_2\text{Te}_3$ Crystalline Phase. <i>Journal of Electronic Materials</i> , 2016, 45, 1447-1452.	2.2	17
48	Analysis of heat capacity and Mössbauer data for LuZnSn ₂ compound. <i>Nukleonika</i> , 2015, 60, 97-101.	0.8	1
49	Superconductivity and spin fluctuations in the actinoid-platinum metal borides {Th,U}Pt ₃ B. <i>Physical Review B</i> , 2015, 92, .	3.2	2
50	High-temperature Thermoelectric Properties of Sn-doped $\hat{I}^2\text{-As}_2\text{Te}_3$. <i>Advanced Electronic Materials</i> , 2015, 1, 1400008.	5.1	32
51	On the ternary RE Mg ₁ Al ₂ (RE = Gd, Tm), RE ₃ Ag ₅ Mg ₁₁ , REAg ₄ Mg ₂ , RE ₄ Ag _{10.3} Mg ₁₂ and RE ₄ Ag ₁₀ Mg ₃ (RE = Ce, Nd, Sm) phases. <i>Solid State Sciences</i> , 2015, 40, 84-91.	3.2	14
52	Preparation of Yb ₂ O ₃ submicron- and nano-materials via electrospinning. <i>Ceramics International</i> , 2015, 41, 10795-10802.	4.8	13
53	Combining X-ray based methods to study the protohistoric bronze technology in Western Iberia. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 358, 117-123.	1.4	14
54	Preparation and crystal structure of U ₃ Fe ₂ C ₅ : An original uranium-iron carbide. <i>Journal of Nuclear Materials</i> , 2015, 464, 299-303.	2.7	0

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55	Isothermal section of the ternary phase diagram U-Fe-Ge at 900 Å°C and its new intermetallic phases. Journal of Alloys and Compounds, 2015, 639, 224-234.	5.5	10
56	Effective medium theory based modeling of the thermoelectric properties of composites: comparison between predictions and experiments in the glass-crystal composite system $Si_{10}As_{15}Te_{75}$ - $Bi_{0.4}Sb_{1.6}Te_3$. Journal of Materials Chemistry C, 2015, 3, 11090-11098.	5.5	33
57	Magnetic properties of the selected phases from the Eu-Ag-Al and Eu-Ag-Ga systems. Journal of Alloys and Compounds, 2015, 650, 572-577.	5.5	4
58	Structural and electronic response of $U_3Fe_4Ge_4$ to high pressure. Journal of Applied Physics, 2015, 117, .	2.5	1
59	Polymorphism in Thermoelectric As_2Te_3 . Inorganic Chemistry, 2015, 54, 9936-9947.	4.0	25
60	Synthesis and Structural/Physical Properties of $U_3Fe_2Ge_7$: A Single-Crystal Study. Inorganic Chemistry, 2015, 54, 9646-9655.	4.0	6
61	On the crystal structure and physical properties of the $UFeSb_2$ compound. Journal of Alloys and Compounds, 2014, 616, 601-606.	5.5	4
62	Electronic properties of a distorted kagome lattice antiferromagnet $Dy_{32}Mn_{36}$. Physical Review B, 2014, 90, .	3.2	9
63	On the 500Å°C isothermal section of the ternary Eu-Ag-Ga system up to 33.3 at.% Eu. Journal of Alloys and Compounds, 2014, 584, 447-453.	5.5	5
64	Magnetic properties of Co-N thin films deposited by reactive sputtering. Thin Solid Films, 2014, 556, 125-127.	1.8	16
65	B-Fe-U Phase Diagram. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1813-1822.	2.2	0
66	New promising bulk thermoelectrics: intermetallics, pnictides and chalcogenides. European Physical Journal B, 2014, 87, 1.	1.5	67
67	Electronic properties of \hat{I}^3 -U and superconductivity of U-Mo alloys. Physica C: Superconductivity and Its Applications, 2014, 498, 14-20.	1.2	31
68	Effects of high pressure on the structural, magnetic, and transport properties of the itinerant ferromagnet U_2Fe_3 . Physical Review B, 2014, 89, .	3.2	9
69	A novel ternary uranium-based intermetallic $U_3Fe_4xGe_{33}$: Structure and physical properties. Journal of Alloys and Compounds, 2014, 606, 154-163.	5.5	6
70	Advanced Thermoelectrics: From Materials to Devices. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1227-1228.	1.8	0
71	On the ternary $UCu_{6.68}Al_{4.32}$ phase. Solid State Sciences, 2014, 34, 69-72.	3.2	0
72	Contribution to the investigation of the ternary Eu-Ag-Al system. Intermetallics, 2013, 43, 103-109.	3.9	3

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73	Alternative Strategies for Thermoelectric Materials Development. NATO Science for Peace and Security Series B: Physics and Biophysics, 2013, , 1-24.	0.3	5
74	A comprehensive study of the crystallization of Cu ^{1-x} As ^x Te glasses: microstructure and thermoelectric properties. Journal of Materials Chemistry A, 2013, 1, 8190.	10.3	39
75	Thermal stability and thermoelectric properties of CuxAs40 ^{1-x} Te60 ^x ySey semiconducting glasses. Journal of Solid State Chemistry, 2013, 203, 212-217.	2.9	29
76	Nanoparticles of Ni in ZnO single crystal matrix. European Physical Journal B, 2013, 86, 1.	1.5	4
77	Liquidus Projection of the B-Fe-U Diagram: The Fe-Rich Corner. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 2270-2284.	2.2	3
78	Liquidus Projection of the B-Fe-U Diagram: The Boron-Rich Corner. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 395-405.	2.2	4
79	Magnetic, thermal, and transport properties of single-crystalline U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 555, 304-310.	5.5	9
80	Preparation of dense 13C pellets using spark plasma sintering technique. Materials Research Innovations, 2013, 17, 289-292.	2.3	0
81	Crystal structure and electronic properties of the new compound U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 554, 408-413.	5.5	9
82	Structure Properties of the $\{m YFe\}_{11}\{m Mo\}$ Intermetallic Compound. IEEE Transactions on Magnetics, 2013, 49, 1149-1152.	2.1	2
83	On the crystal structure of the CeZn1.35Ga2.65 and CeZnGa4 ternary phases. Intermetallics, 2013, 40, 60-64.	3.9	0
84	Study of decomposition and stabilization of splat-cooled cubic $\hat{\Gamma}^3$ -phase U ^{1-x} Mo alloys. Journal of Alloys and Compounds, 2013, 580, 223-231.	5.5	30
85	On the U ^{1-x} Cu ^x Al and U ^{1-x} Cu ^x Ga systems at 600 $\hat{\hat{A}}$ °C. Intermetallics, 2013, 33, 16-26.	3.9	9
86	Thorium and Uranium Carbide Cluster Cations in the Gas Phase: Similarities and Differences between Thorium and Uranium. Inorganic Chemistry, 2013, 52, 10968-10975.	4.0	16
87	Unusual 5f magnetism in the U2Fe3Ge ternary Laves phase: a single crystal study. Journal of Physics Condensed Matter, 2013, 25, 066010.	1.8	10
88	HOLZ Rings in EBSD Patterns of the UFeB4 Compound: Association with a Random Distribution of Planar Defects. Microscopy and Microanalysis, 2013, 19, 1204-1210.	0.4	1
89	Electron Diffraction of ThMn12/Th2Zn17-Type Structures in the Nd-Fe-Ti System. Microscopy and Microanalysis, 2013, 19, 1211-1215.	0.4	1
90	Electrical transport properties of CuS single crystals. Journal of Physics Condensed Matter, 2012, 24, 015701.	1.8	15

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91	Semiconducting glasses: A new class of thermoelectric materials?. , 2012, , .		0
92	Isothermal Sections of the U-Fe-Sb Ternary System. Solid State Phenomena, 2012, 194, 21-25.	0.3	2
93	Semiconducting glasses: A new class of thermoelectric materials?. Journal of Solid State Chemistry, 2012, 193, 26-30.	2.9	38
94	On the new ternary RZnSn ₂ compounds with HfCuSi ₂ structure type. Intermetallics, 2012, 20, 176-182.	3.9	6
95	Crystal structure and magnetic properties of GdZn ₂ Ga ₂ . Intermetallics, 2012, 22, 106-109.	3.9	6
96	Magnetic and transport properties of CePt ₃ Ge Kondo lattice in crystalline and sub-micron state. Journal of Alloys and Compounds, 2012, 520, 22-29.	5.5	1
97	Infrared Spectra of Rh ₁₂ C and Rh ₁₃ C in Solid Neon and Solid Argon. Chemical Physics Letters, 2012, 528, 7-10.	2.6	1
98	Crystal structure and magnetism of UFe ₃ B ₂ . Journal of Magnetism and Magnetic Materials, 2012, 324, 2649-2653.	2.3	1
99	Crystal structure and magnetic properties of YbZn _{8.3} Ge _{9.2} Ga _{2.7} with BaHg ₁₁ structure type. Journal of Alloys and Compounds, 2011, 509, L14-L17.	5.5	8
100	Increase of TC in UFe _{2+x} synthesized by ultrafast cooling. Intermetallics, 2011, 19, 113-120.	3.9	6
101	Structural and physical properties of the U ₉ Fe ₇ Ge ₂₄ uranium germanide. Intermetallics, 2011, 19, 841-847.	3.9	8
102	On new ternary phases from Eu-Zn-T (T=Al and Ga) systems. Intermetallics, 2011, 19, 613-620.	3.9	11
103	New representatives with BaAl ₄ , La ₃ Al ₁₁ and BaHg ₁₁ structure types from the Zn-Ga systems (R ₃ Zn ₁₁ Ga ₅) TJ ETOq1 1 0,784314	3.9	5
104	Crystal structure and properties of the new ternary YbZn _x Ga _{4-x} and Yb ₃ Zn _{11-x} Ga _x phases. Intermetallics, 2011, 19, 1989-1995.	3.9	3
105	Infrared spectra and quantum chemical calculations of the uranium-carbon molecules UC, CUC, UCH, and U(CC) ₂ . Journal of Chemical Physics, 2011, 134, 244313.	3.0	36
106	The Cu and Te coordination environments in Cu-doped Ge-Te glasses. Solid State Communications, 2011, 151, 1524-1527.	1.9	15
107	Crystal structure and magnetic properties of YbZn _{0.7} In _{1.3} . Journal of Rare Earths, 2011, 29, 943-945.	4.8	0
108	Magnetic and transport properties of transition-metal implanted ZnO single crystals. European Physical Journal B, 2011, 79, 185-195.	1.5	12

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109	Microstructures and magnetic domain configurations of NdFe ₁₁ Ti and Nd ₂ (Fe,Ti) ₁₇ aggregates. Applied Physics A: Materials Science and Processing, 2011, 104, 1053-1060.	2.3	4
110	Chalcogenide Glasses as Prospective Thermoelectric Materials. Journal of Electronic Materials, 2011, 40, 1015-1017.	2.2	25
111	Single-crystal study on the heavy-fermion antiferromagnet UZn ₁₂ . Journal of Physics Condensed Matter, 2011, 23, 045602.	1.8	1
112	Robust properties of the superconducting ferromagnet UCoGe. Applied Physics Letters, 2011, 98, 132507.	3.3	8
113	Peculiarities of U-based Laves phases. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012090.	0.6	4
114	Conducting glasses as new potential thermoelectric materials: the Cu-Ge-Te case. Journal of Materials Chemistry, 2010, 20, 1516-1521.	6.7	76
115	Cascade of Peritectic Reactions in the B-Fe-U System. Journal of Phase Equilibria and Diffusion, 2010, 31, 104-112.	1.4	4
116	Partial oxidation of methane over bimetallic copper-cerium oxide catalysts. Journal of Molecular Catalysis A, 2010, 320, 47-55.	4.8	45
117	The system uranium-palladium-boron with U _{2.5} Pd _{20.5} B ₆ , a new heavy fermion compound. Journal of Physics Condensed Matter, 2010, 22, 125601.	1.8	2
118	The Yb-Zn-Ga system: Partial isothermal section at 400°C with 0-33.3at.% Yb. Intermetallics, 2010, 18, 655-665.	3.9	12
119	Partial oxidation of methane over bimetallic nickel-lanthanide oxides. Journal of Alloys and Compounds, 2010, 489, 316-323.	5.5	40
120	Studies on the new UFe ₂ B ₆ phase. Journal of Alloys and Compounds, 2010, 492, L13-L15.	5.5	4
121	Phase relations of the Eu-Zn-Al system at 400°C from 0 to 33.3at.% Eu. Journal of Alloys and Compounds, 2010, 495, 39-44.	5.5	11
122	Partial oxidation of methane over bimetallic copper- and nickel-actinide oxides (Th, U). Journal of Alloys and Compounds, 2010, 497, 249-258.	5.5	24
123	Novel RZn ₂ Ga ₂ (R=La, Ce, Pr, Nd, Sm) intermetallic compounds with BaAl ₄ -type structure. Journal of Alloys and Compounds, 2010, 508, 20-23.	5.5	8
124	Infrared Spectra and Quantum Chemical Calculations of the Uranium Carbide Molecules UC and CUC with Triple Bonds. Journal of the American Chemical Society, 2010, 132, 8484-8488.	13.7	55
125	The formation, structure and physical properties of M ₂ Pd ₁₄ +xB ₅ compounds, with M = La, Ce, Pr, Nd, Sm, Eu, Gd, Lu and Th. Journal of Physics Condensed Matter, 2009, 21, 305401.	1.8	7
126	Magnetic domain morphologies and wall energy in YFe ₁₁ Ti crystals. Materials Characterization, 2009, 60, 1607-1612.	4.4	2

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127	A study on red lead degradation in a medieval manuscript<i>LorvÃŁo Apocalypse</i> (1189). Journal of Raman Spectroscopy, 2009, 40, 1966-1973.	2.5	57
128	Electrochemical behaviour of uranium (IV) in DMF at vitreous carbon. Electrochimica Acta, 2009, 54, 7318-7323.	5.2	5
129	Pulsed injection metal organic chemical vapour deposition and characterisation of thin CaO films. Physica B: Condensed Matter, 2009, 404, 1398-1403.	2.7	1
130	Crystal structure and magnetic properties of UFe ₅ Ga ₇ . Journal of Nuclear Materials, 2009, 389, 160-163.	2.7	1
131	Spin-glass-like behaviour in the ternary U ₃ Fe _{4+x} Al ₁₂ ~ ^x uranium-iron aluminide. Intermetallics, 2009, 17, 25-31.	3.9	10
132	Thermal studies on oxidation-reduction of LnCu ₂ intermetallic compounds and their catalytic behavior for 2-propanol decomposition. Journal of Alloys and Compounds, 2009, 478, 687-693.	5.5	12
133	Isothermal section of the Ce-Au-Sb system at 870K. Journal of Alloys and Compounds, 2009, 479, 184-188.	5.5	16
134	The Yb-Zn-In system at 400Å°C: Partial isothermal section with 0-33.3at.% Yb. Journal of Alloys and Compounds, 2009, 486, 148-153.	5.5	5
135	Magnetic microstructure of YFe ₁₁ Ti aggregates. Journal of Alloys and Compounds, 2009, 487, 11-17.	5.5	6
136	Growth of CuS platelet single crystals by the high-temperature solution growth technique. Journal of Crystal Growth, 2008, 310, 2742-2745.	1.5	23
137	Evidence of uranium magnetic ordering on U ₂ Fe ₃ Ge. Solid State Communications, 2008, 148, 159-162.	1.9	15
138	On the crystal structure of new series of compounds, RPt _{2+x} Sb ₂ ~ ^y (x=0.125, y=0.25; R=La, Ce, Pr). Journal of Alloys and Compounds, 2008, 450, 215-221.	5.5	8
139	Crystal structure and electronic properties of new uranium intermetallic compound UGa _{1.85} Zr _{0.15} . Journal of Alloys and Compounds, 2008, 460, 83-89.	5.5	1
140	Isoprene gas phase hydrogenation catalyzed by ThNi ₂ and UNi ₂ . Journal of Alloys and Compounds, 2008, 465, 361-366.	5.5	11
141	Phase relations and stabilities at 900Å°C in the U-Fe-Si ternary system. Intermetallics, 2008, 16, 373-377.	3.9	19
142	Superconductivity and spin fluctuations in {Th,U}Pt ₄ Ge ₁₂ skutterudites. Physical Review B, 2008, 78, .	3.2	38
143	Magnetic Properties of UFe _{2+x} Prepared by Splat Cooling. Acta Physica Polonica A, 2008, 113, 247-250.	0.5	4
144	Thermoelectric Promise of (In _x Sn _x)Co ₄ Sb ₁₂ Materials. Acta Physica Polonica A, 2008, 113, 403-406.	0.5	5

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145	R(Au ^{1/4} 0.75Sb ^{1/4} 0.25) ₂ (R=La, Ce, Pr) with UHg ₂ structure type, new members of the AlB ₂ family. Journal of Alloys and Compounds, 2007, 429, 140-142.	5.5	5
146	Ce(Au,Sb) ₂ with UHg ₂ structure type, a new member of the AlB ₂ family. Journal of Alloys and Compounds, 2007, 430, 175-178.	5.5	3
147	Structural investigation of the CeRh ₂ Sb ₂ ·x compound. Journal of Alloys and Compounds, 2007, 431, 85-88.	5.5	6
148	Crystal structure and magnetism of YPt ₂ B. Journal of Alloys and Compounds, 2007, 438, 62-65.	5.5	6
149	Rietveld refinement of the RNi ₄ B compounds (R=Gd, Tb, Er). Journal of Alloys and Compounds, 2007, 439, 162-165.	5.5	4
150	5f Magnetism studied in complex intermetallic U-based hydrides. Journal of Alloys and Compounds, 2007, 446-447, 606-609.	5.5	6
151	Isothermal section at 950°C of the U-Fe-B ternary system. Intermetallics, 2007, 15, 413-418.	3.9	11
152	Thermoelectric properties of ternary compounds from the U-Fe-Si system. Journal of Alloys and Compounds, 2007, 442, 348-350.	5.5	7
153	Novel Intermetallic Compound UFe ₅ Si ₃ : A New Room-Temperature Magnet with an Original Atomic Arrangement. Chemistry of Materials, 2007, 19, 3441-3447.	6.7	7
154	La ₃ Ru ₈ B ₆ and Y ₃ Os ₈ B ₆ , new members of a homologous series R(A) _n M ₃ n ¹ B ₂ n. Journal of Solid State Chemistry, 2007, 180, 2740-2746.	2.9	8
155	Peculiarities of hydrides. Journal of Magnetism and Magnetic Materials, 2007, 310, 945-947.	2.3	17
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