

# Antonio Pereira Gonçalves

## List of Publications by Year in descending order

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243  
papers

2,813  
citations

201575

27  
h-index

289141

40  
g-index

249  
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.	1.0	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	0.2	2
3	Protective Coatings for Cu <sub>11</sub> Mn <sub>1</sub> Sb <sub>4</sub> S <sub>13</sub> and Cu <sub>10.5</sub> Ni <sub>1.5</sub> Sb <sub>4</sub> S <sub>13</sub> Tetrahedrites. Journal of Electronic Materials, 2021, 50, 467-477.	1.0	3
4	On the Dissolution of Metals in Ionic Liquids 1. Iron, Cobalt, Nickel, Copper, and Zinc. Sustainable Chemistry, 2021, 2, 63-73.	2.2	3
5	Analysis of thermoelectric generator incorporating n-magnesium silicide and p-tetrahedrite materials. Energy Conversion and Management, 2021, 236, 114003.	4.4	16
6	Thermoelectric power generation from Biogas+H <sub>2</sub> flames: Influence of Flame-Wall Interaction. Experimental Thermal and Fluid Science, 2021, 126, 110350.	1.5	3
7	Analysis and Design of a Silicide-Tetrahedrite Thermoelectric Generator Concept Suitable for Large-Scale Industrial Waste Heat Recovery. Energies, 2021, 14, 5655.	1.6	8
8	Laser Heating Study of the High-Temperature Interactions in Nanograined Uranium Carbides. Materials, 2021, 14, 5568.	1.3	1
9	Hydrogen gas gap heat switch operating in the 150 K to 400 K temperature range. Cryogenics, 2021, 119, 103365.	0.9	3
10	Preparation and densification of bulk pyrite, FeS <sub>2</sub> . Journal of Physics and Chemistry of Solids, 2021, 159, 110296.	1.9	4
11	80 K vibration-free cooler for potential future Earth observation missions. IOP Conference Series: Materials Science and Engineering, 2020, 755, 012016.	0.3	4
12	Quantum effects in electrical transport properties of Bismuth chalcogenides Topological Insulators. EPJ Web of Conferences, 2020, 233, 01001.	0.1	0
13	Nanosize La-filled CoSb <sub>3</sub> skutterudite fabricated by electrospinning. SN Applied Sciences, 2020, 2, 1.	1.5	1
14	Uranium Carbide Fibers with Nano-Grains as Starting Materials for ISOL Targets. Nanomaterials, 2020, 10, 2458.	1.9	3
15	Tetrahedrite Sintering Conditions: The Cu <sub>11</sub> Mn <sub>1</sub> Sb <sub>4</sub> S <sub>13</sub> Case. Journal of Electronic Materials, 2020, 49, 5077-5083.	1.0	7
16	Magnetic studies of monoclinic Cu <sub>4</sub> O(SeO <sub>3</sub> ) <sub>3</sub> , a copper-oxo-selenite derivative. EPJ Web of Conferences, 2020, 233, 01002.	0.1	1
17	The influence of preparation conditions on the electrical transport properties of tetrahedrites. Materials Today: Proceedings, 2019, 8, 556-561.	0.9	2
18	The system thorium-palladium-boron: A DFT study on the stability and properties of Th <sub>2</sub> Pd <sub>15</sub> B <sub>5</sub> . Journal of Alloys and Compounds, 2019, 811, 151578.	2.8	1

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19	Peculiar properties of UMB <sub>4</sub> (M=V, Cr, Mo, W) uranium borides. <i>Advances in Applied Ceramics</i> , 2019, 118, 189-195.	0.6	0
20	Sintering and irradiation of copper-based high entropy alloys for nuclear fusion. <i>Fusion Engineering and Design</i> , 2019, 146, 1824-1828.	1.0	14
21	Effect of Composition on Thermoelectric Properties of As-Cast Materials: The Cu <sub>12</sub> CoxSb <sub>4</sub> S <sub>13</sub> Y <sub>Sey</sub> Case. <i>Journal of Electronic Materials</i> , 2019, 48, 2028-2035.	1.0	6
22	Towards the Use of CuS Based Synthetic Minerals for Thermoelectric Applications. <i>Semiconductors</i> , 2019, 53, 1817-1824.	0.2	6
23	Synthesis and magnetic studies of nanocrystalline $\text{Cu}_{2-x}\text{Mn}_x\text{S}$ a chiral topological magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 122-126.	1.0	3
24	Glass for Thermoelectric Applications. <i>Springer Handbooks</i> , 2019, , 1677-1696.	0.3	0
25	Oxidation Studies of Cu <sub>12</sub> Sb <sub>3</sub> 9Bi <sub>0.1</sub> S <sub>10</sub> Se <sub>3</sub> Tetrahedrite. <i>Journal of Electronic Materials</i> , 2018, 47, 2880-2889.	1.0	15
26	Stabilization of Metastable Thermoelectric Crystalline Phases by Tuning the Glass Composition in the CuAsTe System. <i>Inorganic Chemistry</i> , 2018, 57, 754-767.	1.9	14
27	Short range order of As <sub>40-x</sub> Cu <sub>x</sub> Te <sub>60</sub> glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 481, 202-207.	1.5	1
28	Cu <sub>x</sub> 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.	1.7	8
29	14th European Conference on Thermoelectrics 20-23 September 2016, Lisbon, Portugal Preface. <i>Materials Today: Proceedings</i> , 2018, 5, 10185-10186.	0.9	0
30	Structure and properties of a novel boride: ThNi <sub>12</sub> B <sub>6</sub> . <i>Dalton Transactions</i> , 2018, 47, 12933-12943.	1.6	1
31	Eu Valence in EuAg <sub>5-x</sub> Gax (x=0.5 and 1). <i>Acta Physica Polonica A</i> , 2018, 134, 1063-1065.	0.2	0
32	Crystal structure and physical properties of UMo <sub>3</sub> B <sub>7</sub> . <i>Intermetallics</i> , 2017, 85, 180-186.	1.8	5
33	Effect of Isovalent Substitution on the Electronic Structure and Thermoelectric Properties of the Solid Solution $\text{In}_{1-x}\text{As}_2\text{Te}_{3-x}\text{Se}_x$ (0 ≤ x ≤ 1.5). <i>Inorganic Chemistry</i> , 2017, 56, 2248-2257.	1.9	18
34	Thermoelectric properties and stability of glasses in the CuAsTe system. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2840-2851.	1.9	10
35	The $\text{MgSn}_2$ Series of Compounds (R = Rare Earth Metal): Synthesis, Crystal Structure, and Magnetic Measurements. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3040-3047.	1.0	4
36	Mössbauer and heat capacity studies of ErZnSn <sub>2</sub> . <i>Nukleonika</i> , 2017, 62, 129-133.	0.3	0

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37	Synthesis of methanol using copper-f block element bimetallic oxides as catalysts and greenhouse gases (CO <sub>2</sub> , CH <sub>4</sub> ) as feedstock. <i>Journal of Catalysis</i> , 2016, 341, 24-32.	3.1	23
38	ErCu <sub>0.5</sub> Ga <sub>3.5</sub> a (3+1)D-incommensurately modulated variant of the BaAl <sub>4</sub> type. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s323-s323.	0.0	0
39	High-temperature thermoelectric properties of the $\hat{I}^2$ -As <sub>2</sub> BiTe <sub>3</sub> solid solution. <i>APL Materials</i> , 2016, 4, 104901.	2.2	8
40	Electronic structure, low-temperature transport and thermodynamic properties of polymorphic $\hat{I}^2$ -As <sub>2</sub> Te <sub>3</sub> . <i>RSC Advances</i> , 2016, 6, 52048-52057.	1.7	11
41	Methanol synthesis over binary copper-f block element intermetallic compounds. <i>Catalysis Communications</i> , 2016, 84, 103-107.	1.6	5
42	Effect of Ni, Bi and Se on the tetrahedrite formation. <i>RSC Advances</i> , 2016, 6, 102359-102367.	1.7	13
43	Low-Temperature Transport Properties of Bi-Substituted $\hat{I}^2$ -As <sub>2</sub> Te <sub>3</sub> Compounds. <i>Journal of Electronic Materials</i> , 2016, 45, 1786-1791.	1.0	7
44	High thermoelectric performance in Sn-substituted $\hat{I}^{\pm}$ -As <sub>2</sub> Te <sub>3</sub> . <i>Journal of Materials Chemistry C</i> , 2016, 4, 2329-2338.	2.7	17
45	Fast and scalable preparation of tetrahedrite for thermoelectrics via glass crystallization. <i>Journal of Alloys and Compounds</i> , 2016, 664, 209-217.	2.8	19
46	Kondo effect in UCu <sub>5.5</sub> Ga <sub>0.5</sub> . <i>Journal of Alloys and Compounds</i> , 2016, 656, 957-960.	2.8	0
47	Thermoelectric Properties of the $\hat{I}^{\pm}$ -As <sub>2</sub> Te <sub>3</sub> Crystalline Phase. <i>Journal of Electronic Materials</i> , 2016, 45, 1447-1452.	1.0	17
48	Analysis of heat capacity and Mössbauer data for LuZnSn <sub>2</sub> compound. <i>Nukleonika</i> , 2015, 60, 97-101.	0.3	1
49	Superconductivity and spin fluctuations in the actinoid-platinum metal borides {Th,U}Pt <sub>3</sub> B. <i>Physical Review B</i> , 2015, 92, .	1.1	2
50	High-temperature Thermoelectric Properties of Sn-doped $\hat{I}^2$ -As <sub>2</sub> Te <sub>3</sub> . <i>Advanced Electronic Materials</i> , 2015, 1, 1400008.	2.6	32
51	On the ternary RE Mg <sub>1</sub> Al <sub>2</sub> (RE = Gd, Tm), RE <sub>3</sub> Ag <sub>5</sub> Mg <sub>11</sub> , REAg <sub>4</sub> Mg <sub>2</sub> , RE <sub>4</sub> Ag <sub>10.3</sub> Mg <sub>12</sub> and RE <sub>4</sub> Ag <sub>10</sub> Mg <sub>3</sub> (RE = Ce, Nd, Sm) phases. <i>Solid State Sciences</i> , 2015, 40, 84-91.	1.5	14
52	Preparation of Yb <sub>2</sub> O <sub>3</sub> submicron- and nano-materials via electrospinning. <i>Ceramics International</i> , 2015, 41, 10795-10802.	2.3	13
53	Combining X-ray based methods to study the protohistoric bronze technology in Western Iberia. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 358, 117-123.	0.6	14
54	Preparation and crystal structure of U <sub>3</sub> Fe <sub>2</sub> C <sub>5</sub> : An original uranium-iron carbide. <i>Journal of Nuclear Materials</i> , 2015, 464, 299-303.	1.3	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.	2.8	10
56	Effective medium theory based modeling of the thermoelectric properties of composites: comparison between predictions and experiments in the glass-crystal composite system $\text{Si}_{10}\text{As}_{15}\text{Te}_{75}$ - $\text{Bi}_{0.4}\text{Sb}_{1.6}\text{Te}_3$ . Journal of Materials Chemistry C, 2015, 3, 11090-11098.	2.7	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.	2.8	4
58	Structural and electronic response of $\text{U}_3\text{Fe}_4\text{Ge}_4$ to high pressure. Journal of Applied Physics, 2015, 117, .	1.1	1
59	Polymorphism in Thermoelectric $\text{As}_2\text{Te}_3$ . Inorganic Chemistry, 2015, 54, 9936-9947.	1.9	25
60	Synthesis and Structural/Physical Properties of $\text{U}_3\text{Fe}_2\text{Ge}_7$ : A Single-Crystal Study. Inorganic Chemistry, 2015, 54, 9646-9655.	1.9	6
61	On the crystal structure and physical properties of the $\text{UFeSb}_2$ compound. Journal of Alloys and Compounds, 2014, 616, 601-606.	2.8	4
62	Electronic properties of a distorted kagome lattice antiferromagnet $\text{Dy}_{13}\text{Mn}_{16}$ . Physical Review B, 2014, 90, .	1.1	16
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.	2.8	5
64	Magnetic properties of Co-N thin films deposited by reactive sputtering. Thin Solid Films, 2014, 556, 125-127.	0.8	16
65	B-Fe-U Phase Diagram. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1813-1822.	1.1	0
66	New promising bulk thermoelectrics: intermetallics, pnictides and chalcogenides. European Physical Journal B, 2014, 87, 1.	0.6	67
67	Electronic properties of $\hat{\text{I}}^3\text{-U}$ and superconductivity of U-Mo alloys. Physica C: Superconductivity and Its Applications, 2014, 498, 14-20.	0.6	31
68	Effects of high pressure on the structural, magnetic, and transport properties of the itinerant ferromagnet $\text{U}_2\text{Fe}_3$ . Physical Review B, 2014, 89, .	1.1	9
69	A novel ternary uranium-based intermetallic $\text{U}_3\text{Fe}_4\text{Ge}_{33}$ : Structure and physical properties. Journal of Alloys and Compounds, 2014, 606, 154-163.	2.8	6
70	Advanced Thermoelectrics: From Materials to Devices. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1227-1228.	0.8	0
71	On the ternary $\text{UCu}_{6.68}\text{Al}_{4.32}$ phase. Solid State Sciences, 2014, 34, 69-72.	1.5	0
72	Contribution to the investigation of the ternary Eu-Ag-Al system. Intermetallics, 2013, 43, 103-109.	1.8	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.	0.2	5
74	A comprehensive study of the crystallization of Cu <sup>1-x</sup> As <sup>x</sup> Te glasses: microstructure and thermoelectric properties. Journal of Materials Chemistry A, 2013, 1, 8190.	5.2	39
75	Thermal stability and thermoelectric properties of CuxAs40 <sup>1-x</sup> Te60 <sup>x</sup> ySey semiconducting glasses. Journal of Solid State Chemistry, 2013, 203, 212-217.	1.4	29
76	Nanoparticles of Ni in ZnO single crystal matrix. European Physical Journal B, 2013, 86, 1.	0.6	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.	1.1	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.	1.1	4
79	Magnetic, thermal, and transport properties of single-crystalline U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 555, 304-310.	2.8	9
80	Preparation of dense 13C pellets using spark plasma sintering technique. Materials Research Innovations, 2013, 17, 289-292.	1.0	0
81	Crystal structure and electronic properties of the new compound U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 554, 408-413.	2.8	9
82	Structure Properties of the $\{m \text{ YFe} \}_{11} \{m \text{ Mo} \}$ Intermetallic Compound. IEEE Transactions on Magnetics, 2013, 49, 1149-1152.	1.2	2
83	On the crystal structure of the CeZn1.35Ga2.65 and CeZnGa4 ternary phases. Intermetallics, 2013, 40, 60-64.	1.8	0
84	Study of decomposition and stabilization of splat-cooled cubic $\hat{\Gamma}^3$ -phase U <sup>1-x</sup> Mo alloys. Journal of Alloys and Compounds, 2013, 580, 223-231.	2.8	30
85	On the U <sup>1-x</sup> Cu <sup>x</sup> Al and U <sup>1-x</sup> Cu <sup>x</sup> Ga systems at 600 $\hat{\hat{A}}$ °C. Intermetallics, 2013, 33, 16-26.	1.8	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.	1.9	16
87	Unusual 5f magnetism in the U2Fe3Ge ternary Laves phase: a single crystal study. Journal of Physics Condensed Matter, 2013, 25, 066010.	0.7	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.	0.2	1
89	Electron Diffraction of ThMn12/Th2Zn17-Type Structures in the Nd-Fe-Ti System. Microscopy and Microanalysis, 2013, 19, 1211-1215.	0.2	1
90	Electrical transport properties of CuS single crystals. Journal of Physics Condensed Matter, 2012, 24, 015701.	0.7	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.	1.4	38
94	On the new ternary RZnSn <sub>2</sub> compounds with HfCuSi <sub>2</sub> structure type. Intermetallics, 2012, 20, 176-182.	1.8	6
95	Crystal structure and magnetic properties of GdZn <sub>2</sub> Ga <sub>2</sub> . Intermetallics, 2012, 22, 106-109.	1.8	6
96	Magnetic and transport properties of CePt <sub>3</sub> Ge Kondo lattice in crystalline and sub-micron state. Journal of Alloys and Compounds, 2012, 520, 22-29.	2.8	1
97	Infrared Spectra of Rh <sub>12</sub> C and Rh <sub>13</sub> C in Solid Neon and Solid Argon. Chemical Physics Letters, 2012, 528, 7-10.	1.2	1
98	Crystal structure and magnetism of UFe <sub>3</sub> B <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2012, 324, 2649-2653.	1.0	1
99	Crystal structure and magnetic properties of YbZn <sub>8.3</sub> Ga <sub>2.7</sub> 1.8 with BaHg <sub>11</sub> structure type. Journal of Alloys and Compounds, 2011, 509, L14-L17.	2.8	8
100	Increase of TC in UFe <sub>2+x</sub> synthesized by ultrafast cooling. Intermetallics, 2011, 19, 113-120.	1.8	6
101	Structural and physical properties of the U <sub>9</sub> Fe <sub>7</sub> Ge <sub>24</sub> uranium germanide. Intermetallics, 2011, 19, 841-847.	1.8	8
102	On new ternary phases from Eu-Zn-T (T=Al and Ga) systems. Intermetallics, 2011, 19, 613-620.	1.8	11
103	New representatives with BaAl <sub>4</sub> , La <sub>3</sub> Al <sub>11</sub> and BaHg <sub>11</sub> structure types from the Zn-Ga systems (R <sub>2</sub> Zn <sub>11</sub> Ga <sub>14</sub> ) <sub>1-x</sub> (R=Al, Ga). J. Alloys Compd. 2011, 509, 10784314	1.8	5
104	Crystal structure and properties of the new ternary YbZn <sub>x</sub> Ga <sub>4-x</sub> and Yb <sub>3</sub> Zn <sub>11-x</sub> Ga <sub>x</sub> phases. Intermetallics, 2011, 19, 1989-1995.	1.8	3
105	Infrared spectra and quantum chemical calculations of the uranium-carbon molecules UC, CUC, UCH, and U(CC) <sub>2</sub> . Journal of Chemical Physics, 2011, 134, 244313.	1.2	36
106	The Cu and Te coordination environments in Cu-doped Ge-Te glasses. Solid State Communications, 2011, 151, 1524-1527.	0.9	15
107	Crystal structure and magnetic properties of YbZn <sub>0.7</sub> In <sub>1.3</sub> . Journal of Rare Earths, 2011, 29, 943-945.	2.5	0
108	Magnetic and transport properties of transition-metal implanted ZnO single crystals. European Physical Journal B, 2011, 79, 185-195.	0.6	12

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109	Microstructures and magnetic domain configurations of NdFe <sub>11</sub> Ti and Nd <sub>2</sub> (Fe,Ti) <sub>17</sub> aggregates. Applied Physics A: Materials Science and Processing, 2011, 104, 1053-1060.	1.1	4
110	Chalcogenide Glasses as Prospective Thermoelectric Materials. Journal of Electronic Materials, 2011, 40, 1015-1017.	1.0	25
111	Single-crystal study on the heavy-fermion antiferromagnet UZn <sub>12</sub> . Journal of Physics Condensed Matter, 2011, 23, 045602.	0.7	1
112	Robust properties of the superconducting ferromagnet UCoGe. Applied Physics Letters, 2011, 98, 132507.	1.5	8
113	Peculiarities of U-based Laves phases. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012090.	0.3	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.	0.5	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 <sub>2.5</sub> Pd <sub>20.5</sub> B <sub>6</sub> , a new heavy fermion compound. Journal of Physics Condensed Matter, 2010, 22, 125601.	0.7	2
118	The Yb-Zn-Ga system: Partial isothermal section at 400°C with 0-33.3at.% Yb. Intermetallics, 2010, 18, 655-665.	1.8	12
119	Partial oxidation of methane over bimetallic nickel-lanthanide oxides. Journal of Alloys and Compounds, 2010, 489, 316-323.	2.8	40
120	Studies on the new UFe <sub>2</sub> B <sub>6</sub> phase. Journal of Alloys and Compounds, 2010, 492, L13-L15.	2.8	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.	2.8	11
122	Partial oxidation of methane over bimetallic copper- and nickel-actinide oxides (Th, U). Journal of Alloys and Compounds, 2010, 497, 249-258.	2.8	24
123	Novel RZn <sub>2</sub> Ga <sub>2</sub> (R=La, Ce, Pr, Nd, Sm) intermetallic compounds with BaAl <sub>4</sub> -type structure. Journal of Alloys and Compounds, 2010, 508, 20-23.	2.8	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.	6.6	55
125	The formation, structure and physical properties of M <sub>2</sub> Pd <sub>14</sub> +xB <sub>5</sub> compounds, with M = La, Ce, Pr, Nd, Sm, Eu, Gd, Lu and Th. Journal of Physics Condensed Matter, 2009, 21, 305401.	0.7	7
126	Magnetic domain morphologies and wall energy in YFe <sub>11</sub> Ti crystals. Materials Characterization, 2009, 60, 1607-1612.	1.9	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.	1.2	57
128	Electrochemical behaviour of uranium (IV) in DMF at vitreous carbon. Electrochimica Acta, 2009, 54, 7318-7323.	2.6	5
129	Pulsed injection metal organic chemical vapour deposition and characterisation of thin CaO films. Physica B: Condensed Matter, 2009, 404, 1398-1403.	1.3	1
130	Crystal structure and magnetic properties of UFe <sub>5</sub> Ga <sub>7</sub> . Journal of Nuclear Materials, 2009, 389, 160-163.	1.3	1
131	Spin-glass-like behaviour in the ternary U <sub>3</sub> Fe <sub>4+x</sub> Al <sub>12-2x</sub> uranium-iron aluminide. Intermetallics, 2009, 17, 25-31.	1.8	10
132	Thermal studies on oxidation-reduction of LnCu <sub>2</sub> intermetallic compounds and their catalytic behavior for 2-propanol decomposition. Journal of Alloys and Compounds, 2009, 478, 687-693.	2.8	12
133	Isothermal section of the Ce-Au-Sb system at 870K. Journal of Alloys and Compounds, 2009, 479, 184-188.	2.8	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.	2.8	5
135	Magnetic microstructure of YFe <sub>11</sub> Ti aggregates. Journal of Alloys and Compounds, 2009, 487, 11-17.	2.8	6
136	Growth of CuS platelet single crystals by the high-temperature solution growth technique. Journal of Crystal Growth, 2008, 310, 2742-2745.	0.7	23
137	Evidence of uranium magnetic ordering on U <sub>2</sub> Fe <sub>3</sub> Ge. Solid State Communications, 2008, 148, 159-162.	0.9	15
138	On the crystal structure of new series of compounds, RPt <sub>2+x</sub> Sb <sub>2-2y</sub> (x=0.125, y=0.25; R=La, Ce, Pr). Journal of Alloys and Compounds, 2008, 450, 215-221.	2.8	8
139	Crystal structure and electronic properties of new uranium intermetallic compound UGa <sub>1.85</sub> Zr <sub>0.15</sub> . Journal of Alloys and Compounds, 2008, 460, 83-89.	2.8	1
140	Isoprene gas phase hydrogenation catalyzed by ThNi <sub>2</sub> and UNi <sub>2</sub> . Journal of Alloys and Compounds, 2008, 465, 361-366.	2.8	11
141	Phase relations and stabilities at 900Å°C in the U-Fe-Si ternary system. Intermetallics, 2008, 16, 373-377.	1.8	19
142	Superconductivity and spin fluctuations in {Th,U}Pt <sub>4</sub> Ge <sub>12</sub> skutterudites. Physical Review B, 2008, 78, .	1.1	38
143	Magnetic Properties of UFe <sub>2+x</sub> Prepared by Splat Cooling. Acta Physica Polonica A, 2008, 113, 247-250.	0.2	4
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