Jaume Pons

List of Publications by Year
in descending order

134 papers	4,781 citations	101496 36 h-index	110317 64 g-index
134 all docs	134 docs citations	134 times ranked	1780 citing authors

#	Article	IF	Citations
1	Crystal structure of martensitic phases in Niâ€“Mnâ€“Ga shape memory alloys. Acta Materialia, 2000, 48, 3027-3038.	3.8	601
2	Sequence of martensitic transformations in Ni-Mn-Ga alloys. Physical Review B, 1998, 57, 2659-2662.	1.1	215
3	Premartensitic phenomena and other phase transformations in Niâ€“Mnâ€“Ga alloys studied by dynamical mechanical analysis and electron diffraction. Acta Materialia, 2002, 50, 53-60.	3.8	192
4	TEM study of structural and microstructural characteristics of a precipitate phase in Ni-rich Niâ€“Tiâ€“Hf and Niâ€“Tiâ€“Zr shape memory alloys. Acta Materialia, 2013, 61, 6191-6206.	3.8	169
5	Superelasticity in high-temperature Niâ€“Mnâ€“Ga alloys. Journal of Applied Physics, 2003, 93, 2394-2399.	1.1	140
6	Entropy change and effect of magnetic field on martensitic transformation in a metamagnetic Niâ€“Coâ€“Mnâ€“In shape memory alloy. Applied Physics Letters, 2009, 94, .	1.5	123
7	Ferromagnetic shape memory alloys: Alternatives to Niâ€“Mnâ€“Ga. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 57-65.	2.6	119
8	Microstructural characterization and shape memory characteristics of the Ni50.3Ti34.7Hf15 shape memory alloy. Acta Materialia, 2015, 83, 48-60.	3.8	115
9	Low temperature-induced intermartensitic phase transformations in Niâ€“Mnâ€“Ga single crystal. Acta Materialia, 2005, 53, 111-120.	3.8	106
10	Transformation behaviour and martensite stabilization in the ferromagnetic Coâ€“Niâ€“Ga Heusler alloy. Scripta Materialia, 2004, 50, 225-229.	2.6	92
11	Relationship between crystallographic compatibility and thermal hysteresis in Ni-rich NiTiHf and NiTiZr high temperature shape memory alloys. Acta Materialia, 2016, 121, 374-383.	3.8	89
12	Long-period martensitic structures of Ni-Mn-Ga alloys studied by high-resolution transmission electron microscopy. Journal of Applied Physics, 2005, 97, 083516.	1.1	84
13	Phase Transformations in Rapidly Quenched Niâ€“Mnâ€“Ga Alloys. Journal of Materials Research, 2000, 15, 1496-1504.	1.2	81
14	Effect of atomic order on the martensitic transformation of Niâ€“Feâ€“Ga alloys. Scripta Materialia, 2006, 54, 1985-1989.	2.6	79
15	Internal friction associated with the structural phase transformations in Ni-Mn-Ga alloys. Acta Materialia, 1997, 45, 999-1004.	3.8	77
16	Pre-martensitic state in Ni - Mn - Ga alloys. Journal of Physics Condensed Matter, 1996, 8, 6457-6463.	0.7	76
17	Effect of precipitation on the microstructure and the shape memory response of the Ni50.3Ti29.7Zr20 high temperature shape memory alloy. Scripta Materialia, 2013, 69, 354-357.	2.6	74
18	Stabilisation of martensite by applying compressive stress in Cu-Al-Ni single crystals. Acta Materialia, 2001, 49, 4221-4230.	3.8	71

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19	EFFECT OF AGING ON THE MARTENSITIC TRANSFORMATION CHARACTERISTICS OF A Ni-RICH NiTiHf HIGH TEMPERATURE SHAPE MEMORY ALLOY. Functional Materials Letters, 2012, 05, 1250038.	0.7	69
20	Stressâ€“temperature phase diagram of a ferromagnetic Niâ€“Mnâ€“Ga shape memory alloy. Acta Materialia, 2005, 53, 5071-5077.	3.8	65
21	Effect of oriented Î³â€² precipitates on shape memory effect and superelasticity in Coâ€“Niâ€“Ga single crystals. Acta Materialia, 2014, 68, 127-139.	3.8	58
22	Internal friction behaviour of Niâ€“Mnâ€“Ga. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 481-484.	2.6	56
23	Transformation and ageing behaviour of melt-spun Niâ€“Mnâ€“Ga shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 273-275, 315-319.	2.6	55
24	Pinning-induced stabilization of martensite. Acta Materialia, 2004, 52, 3083-3096.	3.8	54
25	Microstructural characterization and superelastic response of a Ni50.3Ti29.7Zr20 high-temperature shape memory alloy. Scripta Materialia, 2014, 81, 12-15.	2.6	54
26	Microstructure and martensite transformation in aged Ti-25Ni-25Cu shape memory melt spun ribbons. Journal of Materials Science, 2002, 37, 5319-5325.	1.7	53
27	Effect of ageing on the martensitic transformation of Niâ€“Feâ€“Ga alloys. Scripta Materialia, 2006, 54, 1105-1109.	2.6	53
28	Electron microscopy study of dislocations associated with thermal cycling in a Cuî—¸Znî—¸Al shape memory alloy. Acta Metallurgica Et Materialia, 1990, 38, 2733-2740.	1.9	52
29	Thermomechanical cycling in Cuâ€“Alâ€“Ni-based melt-spun shape-memory ribbons. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 354, 207-211.	2.6	50
30	Shape memory properties of Ni-Ti based melt-spun ribbons. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2004, 35, 761-770.	1.1	50
31	Effect of atomic ordering on the phase transformations in Niâ€“Mnâ€“Ga shape memory alloys. Acta Materialia, 2007, 55, 1649-1655.	3.8	50
32	Chemical and mechanical stabilization of martensite. Acta Materialia, 2004, 52, 4547-4559.	3.8	48
33	Two way shape memory effect in NiTiHf high temperature shape memory alloy tubes. Acta Materialia, 2019, 163, 1-13.	3.8	47
34	New Aspects of Structural and Magnetic Behaviour of Martensites in Ni-Mn-Ga Alloys. Materials Transactions, 2002, 43, 856-860.	0.4	45
35	Role of nano-precipitation on the microstructure and shape memory characteristics of a new Ni50.3Ti34.7Zr15 shape memory alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 655, 193-203.	2.6	39
36	Thermal stability of high-temperature Niâ€“Mnâ€“Ga alloys. Scripta Materialia, 2008, 58, 259-262.	2.6	38

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37	Stability of a Ni-rich Ni-Ti-Zr high temperature shape memory alloy upon low temperature aging and thermal cycling. Scripta Materialia, 2016, 124, 47-50.	2.6	37
38	Martensite stabilisation in Ni50Ti32.2Hf17.7. Scripta Materialia, 1999, 41, 867-872.	2.6	36
39	Pinning-induced stabilization of martensite. Acta Materialia, 2004, 52, 3075-3081.	3.8	36
40	HREM study of different martensitic phases in Niâ€“Mnâ€“Ga alloys. Materials Chemistry and Physics, 2003, 81, 457-459.	2.0	34
41	Structure of the layered martensitic phases of Niâ€“Mnâ€“Ga alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 931-934.	2.6	34
42	Thermal and microstructural evolution under ageing of several high-temperature Niâ€“Mnâ€“Ga alloys. Intermetallics, 2010, 18, 977-983.	1.8	34
43	Solidification process and effect of thermal treatments on Niâ€“Coâ€“Mnâ€“Sn metamagnetic shape memory alloys. Acta Materialia, 2015, 93, 164-174.	3.8	34
44	Effects of training on the thermomechanical behavior of NiTiHf and NiTiZr high temperature shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 794, 139857.	2.6	33
45	Nanoscale inhomogeneities in melt-spun Niâ€“Al. Acta Materialia, 2000, 48, 3833-3845.	3.8	32
46	Effects of Ni content on the shape memory properties and microstructure of Ni-rich NiTi-20Hf alloys. Smart Materials and Structures, 2016, 25, 095029.	1.8	32
47	H-Phase Precipitation and Martensitic Transformation in Ni-rich Niâ€“Tiâ€“Hf and Niâ€“Ti-Zr High-Temperature Shape Memory Alloys. Shape Memory and Superelasticity, 2018, 4, 85-92.	1.1	32
48	Martensitic transformation in a ferromagnetic Coâ€“Niâ€“Ga single crystal. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 357-360.	2.6	30
49	Thermal characteristics of Niâ€“Feâ€“Gaâ€“Mn and Niâ€“Feâ€“Gaâ€“Co ferromagnetic shape memory alloys. Intermetallics, 2008, 16, 751-757.	1.8	30
50	Effect of Î³ precipitates on the martensitic transformation in Cuî—¸Alî—¸Mn alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1992, 158, 119-128.	2.6	28
51	Two-stage reverse transformation in hyperstabilized Î²1â€² martensite. Scripta Materialia, 2002, 46, 817-822.	2.6	27
52	Influence of Î³â€² nanometric particles on martensitic transformation and twinning structure of L10 martensite in Coâ€“Niâ€“Ga ferromagnetic shape memory single crystals. Intermetallics, 2013, 35, 60-66.	1.8	27
53	Structure and anelasticity of Fe3Ga and Fe3(Ga,Al) type alloys. Journal of Alloys and Compounds, 2015, 644, 959-967.	2.8	27
54	Pseudoelastic Cycling and Two-Way Shape Memory Effect in β Cu–Zn–Al Alloys with γ-Precipitates. Materials Transactions, JIM, 1993, 34, 888-894.	0.9	26

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55	Athermal stabilization of Cuâ€“Alâ€“Be Î²1â€² martensite due to plastic deformation and heat treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 373, 328-338.	2.6	26
56	Martensitic transformation in Niâ€“Feâ€“Ga alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 478, 125-129.	2.6	26
57	Stressâ€“temperature relationship in Cuâ€“Alâ€“Ni single crystals in compression mode. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 222-226.	2.6	25
58	Intermartensitic phase transformations in Niâ€“Mnâ€“Ga studied under magnetic field. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 871-873.	1.0	25
59	Some features of Niâ€“Feâ€“Ga shape memory alloys under compression. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 816-819.	1.0	24
60	Atomic order and martensitic transformation entropy change in Niâ€“Coâ€“Mnâ€“In metamagnetic shape memory alloys. Scripta Materialia, 2016, 110, 61-64.	2.6	24
61	Stressâ€“strain behaviour of Niâ€“Mnâ€“Ga alloys: experiment and modelling. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 349-352.	2.6	23
62	Vibrational and magnetic contributions to the entropy change associated with the martensitic transformation of Niâ€“Feâ€“Ga ferromagnetic shape memory alloys. Journal of Physics Condensed Matter, 2010, 22, 416001.	0.7	23
63	Martensitic transformation cycling in a Î² Cuî—¸Znî—¸Al alloy containing Î³-precipitates. Acta Metallurgica Et Materialia, 1993, 41, 2547-2555.	1.9	22
64	Acoustic phonon mode condensation in Ni2MnGa compound. Solid State Communications, 1997, 101, 7-9.	0.9	22
65	Strain glass state in Ni-rich Ni-Ti-Zr shape memory alloys. Acta Materialia, 2021, 218, 117232.	3.8	21
66	Stabilization and hyperstabilization of Cuâ€“Alâ€“Be Î²1â€² martensite by thermal treatment and plastic deformation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 283-288.	2.6	20
67	Shape memory thin round wires produced by the in rotating water melt-spinning technique. Acta Materialia, 2006, 54, 1877-1885.	3.8	20
68	Effect of precipitates on the stressâ€“strain behavior under compression in polycrystalline Niâ€“Feâ€“Ga alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 101-104.	2.6	20
69	The enthalpy change of the hcpâ†’fcc martensitic transformation in Feâ€“Mn alloys: composition dependence and effects of thermal cycling. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 335, 137-146.	2.6	19
70	Phenomenological Modelling of the Hysteresis Loop in Thermoelastic Martensitic Transformations. Materials Transactions, JIM, 1992, 33, 650-658.	0.9	18
71	Accommodation of Î³-phase precipitates in Cuî—¸Znî—¸Al shape memory alloys studied by high resolution electron microscopy. Acta Materialia, 1997, 45, 2109-2120.	3.8	15
72	Characterization of a hot-rolled Cuî—¸Alî—¸Niî—¸Ti shape memory alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 273-275, 625-629.	2.6	15

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73	Effect of ageing in Niâ€“Feâ€“Ga ferromagnetic shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 919-922.	2.6	14
74	Thermal stability and ordering effects in Niâ€“Feâ€“Ga ferromagnetic shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 262-265.	2.6	14
75	EFFECT OF AGING UNDER COMPRESSIVE STRESS ALONG [100] IN Coâ€“Niâ€“Ga SINGLE CRYSTALS. Functional Materials Letters, 2009, 02, 83-86.	0.7	14
76	Calorimetric study of martensitic transformation thermal cycling in a Î²î—¸Cuî—¸Znî—¸Al alloy with Î³-precipitates. Materials Letters, 1990, 9, 542-546.	1.3	13
77	Thin films of ferromagnetic shape memory alloys processed by laser beam ablation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 443-447.	2.6	13
78	Low-temperature-induced intermartensitic phase transformations in Niâ€“Mnâ€“Ga single crystal. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 811-815.	1.0	13
79	Effect of Thermal Treatments on Niâ€“Mnâ€“Ga and Ni-Rich Niâ€“Tiâ€“Hf/Zr High-Temperature Shape Memory Alloys. Shape Memory and Superelasticity, 2015, 1, 418-428.	1.1	13
80	Preparation of molecular alloys by the ball-milling technique. Journal of Materials Research, 1996, 11, 1069-1071.	1.2	12
81	Thermal cycling effects in high temperature Cuâ€“Alâ€“Niâ€“Mnâ€“B shape memory alloys. Journal of Materials Research, 1997, 12, 2288-2297.	1.2	12
82	Physical properties of Fe-Co-Ni-Ti alloy in the vicinity of martensitic transformation. Scripta Materialia, 1999, 40, 341-345.	2.6	12
83	Stress-Temperature Relationship in Compression Mode in Cu-Al-Ni Shape Memory Alloys. Materials Transactions, 2004, 45, 1679-1683.	0.4	12
84	Magnetic-field-induced strain assisted by tensile stress in L10 martensite of a Niâ€“Feâ€“Gaâ€“Co alloy. Applied Physics Letters, 2008, 93, 152503.	1.5	12
85	Stress-induced Martensitic Transformation and Superelasticity of Alloys: Experiment and Theory. Materials Transactions, 2005, 46, 790-797.	0.4	11
86	Structure of the Fe-Mn-Si alloys submitted to Î³â€¯â†”â€¯Îµ thermocycling. Materials Characterization, 2018, 141, 223-228.	1.9	11
87	Solid-state mechanical alloying of plastic crystals. Journal of Materials Research, 1997, 12, 3254-3259.	1.2	10
88	Effects of Thermal Ageing in Î²-Phase in Cu-Al-Ni Single Crystals. European Physical Journal Special Topics, 1997, 07, C5-323-C5-328.	0.2	10
89	Thermomechanical cycling and two-way memory effect induced in Cuâ€“Znâ€“Al. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 273-275, 610-615.	2.6	10
90	Effect of off-stoichiometry on the mobility of point-like defects and damping in binary Cuâ€“Al martensites. Acta Materialia, 2006, 54, 2075-2085.	3.8	10

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91	Experimental and theoretical study of mechanical stabilization of martensite in Cuâ€“Alâ€“Ni single crystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 730-733.	2.6	10
92	Effect of orientation on the high-temperature superelasticity in Co49Ni21Ga30 single crystals. Technical Physics Letters, 2009, 35, 186-189.	0.2	10
93	Effect of Î³ precipitates on the stabilization of martensite in Cuî—¸Znî—¸Al alloys. Materials Research Bulletin, 1996, 31, 709-715.	2.7	9
94	Low-temperature behaviour of Niâ€“Feâ€“Ga shape-memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 923-926.	2.6	9
95	Mechanical stabilisation and anomalous behaviour of the stressâ€“strain loops in Cuâ€“Alâ€“Ni single crystals. Scripta Materialia, 2006, 54, 459-463.	2.6	9
96	Intermartensitic Transformations in Ni-Mn-Ga Alloys: A General View. Advanced Materials Research, 0, 52, 47-55.	0.3	9
97	Orientation dependence of superelasticity in ferromagnetic single crystals Co49Ni21Ga30. Physics of Metals and Metallography, 2010, 110, 78-90.	0.3	9
98	Two-step martensitic transformation in Ni-Mn-Ga alloys. European Physical Journal Special Topics, 2003, 112, 903-906.	0.2	9
99	Crystallization in Partially Amorphous Ni₅₀Ti₃₂Hf₁₈ Melt Spun Ribbon. Materials Transactions, 2004, 45, 1811-1818.	0.4	8
100	Two-way shape memory effect in Ni49Fe18Ga27Co6 ferromagnetic shape memory single crystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 805, 140543.	2.6	8
101	Burst-like reverse martensitic transformation during heating, cooling and under isothermal conditions in stabilized Ni-Ti-Nb. Scripta Materialia, 2020, 180, 23-28.	2.6	8
102	Some Aspects of Structural Behaviour of Ni-Mn-Ga Alloys. European Physical Journal Special Topics, 1997, 07, C5-137-C5-141.	0.2	7
103	Effect of thermal cycling on the stabilization of martensite in step-quenched Cu-Zn-Ai alloys. Scripta Materialia, 1997, 37, 1783-1788.	2.6	6
104	Thermo-mechanical behaviour of a Ni-Ti-Cu melt spun alloy. European Physical Journal Special Topics, 2001, 11, Pr8-351-Pr8-356.	0.2	6
105	Stress-strain â€“ Temperature behaviour for martensitic transformation in Ni-Mn-Ga single crystal compressed along <001> and <110> axes. European Physical Journal Special Topics, 2003, 112, 939-942.	0.2	6
106	Characteristics of the Two-Way Memory Effect Induced by Thermomechanical Cycling in Cu-Zn-Al Single Crystals. European Physical Journal Special Topics, 1995, 05, C8-871-C8-876.	0.2	5
107	Statistical Description of Mechanical Stabilization of Cu–Al–Ni Martensite. Materials Transactions, 2005, 46, 983-989.	0.4	5
108	Magnetic field induced strains caused by different martensites in Ni-Mn-Ga alloys. European Physical Journal Special Topics, 2003, 112, 951-954.	0.2	5

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109	Two way shape memory effect in Cuâ€“Alâ€“Ni single crystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 273-275, 605-609.	2.6	4
110	Observation and analysis of scaling behavior in surface martensite-austenite relief during the reverse martensitic transformation in Cu-Al-Ni single crystal by using 2D Fourier processing method11In the present case, as the samples were polished in martensite, the shape of the martensite plates is revealed by the back surface relief formed during the reverse transformation to the austenite phase.. Scripta Materialia, 2000, 43, 765-769.	2.6	4
111	Internal Friction and Young Modulus Behaviour of Hot-Rolled Cu-Al-Ni-Ti Shape Memory Alloys. European Physical Journal Special Topics, 1996, 06, C8-413-C8-416.	0.2	4
112	Thermodynamic reversibility and irreversibility of the reverse transformation in stabilized Cuâ€“Znâ€“Al martensite. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 768-772.	2.6	3
113	Thermomechanical Testing Machine Conceived for the Study of Shape Memory Alloys. Application to the Training and Testing of the Two-Way Memory Effect. European Physical Journal Special Topics, 1997, 07, C5-655-C5-660.	0.2	3
114	Crosstalk tolerant latch circuit. IEE Proceedings, Part G: Circuits, Devices and Systems, 1992, 139, 5.	0.2	2
115	A Premartensitic Anomaly in Ni₂MnGa Alloys Studied by Dynamic Mechanical Analysis. European Physical Journal Special Topics, 1996, 06, C8-381-C8-384.	0.2	2
116	Time-dependent phenomena during martensite ageing of Cu-Al-Be shape memory alloy. European Physical Journal Special Topics, 2003, 112, 557-560.	0.2	2
117	Thermal martensite stabilization in Ni-Ti based alloys. European Physical Journal Special Topics, 2003, 112, 647-650.	0.2	2
118	Determination of heavy metals and radioactive elements in purifier sludge. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1990, 25, 855-868.	0.1	1
119	RESPONSE OF Cu-AL-Mn ALLOYS TO AGEING IN Î² PHASE. European Physical Journal Special Topics, 1991, 01, C4-229-C4-234.	0.2	1
120	Nanoscale inhomogeneities in melt-spun Ni-Al. European Physical Journal Special Topics, 2001, 11, Pr8-439-Pr8-444.	0.2	1
121	Compressive stresses and stabilisation in Cu-Al-Ni single crystals. European Physical Journal Special Topics, 2003, 112, 541-544.	0.2	1
122	Effect of thermal cycling on martensitic Î³â†”Îµ-transformation in alloy Fe â€“ 22% Mn â€“ 3% Si. Metal Science and Heat Treatment, 2012, 54, 267-270.	0.2	1
123	Study of Dislocations Generated by Thermal Cycling in Ni-Ti-Co Shape Memory Alloys. European Physical Journal Special Topics, 1995, 05, C2-293-C2-298.	0.2	0
124	Influence of Grain Size and Ordering on the Two Way Shape Memory Effect in CuAlMn Alloys. European Physical Journal Special Topics, 1995, 05, C8-955-C8-960.	0.2	0
125	Stabilization and Two Way Shape Memory Effect in Cu-Al-Mn Alloys Transforming at Elevated Temperatures. European Physical Journal Special Topics, 1997, 07, C5-287-C5-292.	0.2	0
126	Lattice instability of Ni2MnGa. Physics of the Solid State, 1997, 39, 485-487.	0.2	0

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127	Generation of aligned Î³ precipitates in Cu-Zn-Al single crystals. European Physical Journal Special Topics, 2003, 112, 533-536.	0.2	0
128	Shape memory properties of Cu-based thin wires obtained by the â€œin rotating water spinningâ€• technique. European Physical Journal Special Topics, 2003, 112, 567-570.	0.2	0
129	Effect of L2₁ Ordering on the Martensitic and Intermartensitic Transformations in a Ni-Mn-Ga Shape Memory Alloy. Solid State Phenomena, 2007, 130, 127-134.	0.3	0
130	SIMPLE MODEL OF HYSTERESIS IN THERMOELASTIC MARTENSITIC TRANSFORMATIONS. European Physical Journal Special Topics, 1991, 01, C4-41-C4-46.	0.2	0
131	EFFECT OF THERMAL CYCLING ON THE MARTENSITIC TRANSFORMATION OF Î²Cu-Zn-Al CONTAINING Î³ PRECIPITATES. European Physical Journal Special Topics, 1991, 01, C4-217-C4-222.	0.2	0
132	SOME ASPECTS OF THE TWO WAY SHAPE MEMORY EFFECT INDUCED BY PSEUDOELASTIC CYCLING IN Cu-Zn-Al ALLOYS. European Physical Journal Special Topics, 1991, 01, C4-451-C4-456.	0.2	0
133	[MATH] precipitates in [MATH] Cu-based shape memory alloys : influence on the martensitic transformation and the thermal and pseudoelastic cycling. European Physical Journal Special Topics, 1994, 04, C3-151-C3-156.	0.2	0
134	Î³ Precipitates in Cu-Zn-Al Alloys Studied by High Resolution Electron Microscopy. European Physical Journal Special Topics, 1995, 05, C2-245-C2-250.	0.2	0