Petr Sittner

List of Publications by Year in descending order

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179 papers 5,264 citations

36 h-index 66 g-index

184 all docs

184 docs citations

184 times ranked 2766 citing authors

#	Article	IF	CITATIONS
1	In-situ synchrotron X-ray diffraction texture analysis of tensile deformation of nanocrystalline NiTi wire in martensite state. Applied Materials Today, 2022, 26, 101378.	2.3	11
2	Reconstruction of Heat Sources Induced in Superelastically Loaded Ni-Ti Wire By Localized Deformation Processes. Experimental Mechanics, 2021, 61, 349-366.	1.1	9
3	Net-Shape NiTi Shape Memory Alloy by Spark Plasma Sintering Method. Applied Sciences (Switzerland), 2021, 11, 1802.	1.3	21
4	Lattice Defects Generated by Cyclic Thermomechanical Loading of Superelastic NiTi Wire. Shape Memory and Superelasticity, 2021, 7, 65-88.	1.1	16
5	Numerical analysis of NiTi actuators with stress risers: The role of bias load and actuation temperature. Engineering Fracture Mechanics, 2021, 244, 107551.	2.0	8
6	Fabrication of Thermal Plasma Sprayed NiTi Coatings Possessing Functional Properties. Coatings, 2021, 11, 610.	1.2	22
7	Thermomechanical model for NiTi-based shape memory alloys covering macroscopic localization of martensitic transformation. International Journal of Solids and Structures, 2021, 221, 117-129.	1.3	36
8	Strength of Superelastic NiTi Velcro-Like Fasteners. Metals, 2021, 11, 909.	1.0	1
9	Evolution of martensitic microstructures in nanocrystalline NiTi wires deformed in tension. Acta Materialia, 2021, 218, 117166.	3.8	42
10	Effect of microstructure on fatigue of superelastic NiTi wires. International Journal of Fatigue, 2021, 152, 106400.	2.8	17
11	Experimental and numerical investigation of thermomechanical cycling of notched NiTi shape memory ribbon using SMA model accounting for plastic deformation. Journal of Materials Research and Technology, 2021, 15, 1759-1776.	2.6	3
12	Tribological Behavior of NiTi Alloy Produced by Spark Plasma Sintering Method. Coatings, 2021, 11, 1246.	1.2	14
13	Deformation twinning in martensite affecting functional behavior of NiTi shape memory alloys. Materialia, 2020, 9, 100506.	1.3	39
14	Effect of temperature on fatigue of superelastic NiTi wires. International Journal of Fatigue, 2020, 134, 105470.	2.8	43
15	A multiscale study of hot-extruded CoNiGa ferromagnetic shape-memory alloys. Materials and Design, 2020, 196, 109118.	3.3	9
16	Environmental fatigue of superelastic NiTi wire with two surface finishes. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 111, 104028.	1.5	12
17	Mass Spectrometry of Heavy Analytes and Large Biological Aggregates by Monitoring Changes in the Quality Factor of Nanomechanical Resonators in Air. ACS Sensors, 2020, 5, 2128-2135.	4.0	16
18	TEM analysis of deformation bands created by tensile deformation of superelastic NiTi wires. Materials Characterization, 2020, 167, 110470.	1.9	20

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19	Finite element analysis on the effect of martensitic transformation and plastic deformation on the stress concentration factor in a thin notched superelastic NiTi ribbon. Functional Materials Letters, 2020, 13, 2051028.	0.7	2
20	Study of Interfacial Adhesion between Nickel-Titanium Shape Memory Alloy and a Polymer Matrix by Laser Surface Pattern. Applied Sciences (Switzerland), 2020, 10, 2172.	1.3	21
21	Recoverability of large strains and deformation twinning in martensite during tensile deformation of NiTi shape memory alloy polycrystals. Acta Materialia, 2019, 180, 243-259.	3.8	82
22	Tensile Deformation of Superelastic NiTi Wires in Wide Temperature and Microstructure Ranges. Shape Memory and Superelasticity, 2019, 5, 42-62.	1.1	54
23	Beyond the strain recoverability of martensitic transformation in NiTi. International Journal of Plasticity, 2019, 116, 232-264.	4.1	89
24	Reconstruction of Grains in Polycrystalline Materials From Incomplete Data Using Laguerre Tessellations. Microscopy and Microanalysis, 2019, 25, 743-752.	0.2	10
25	Temperature and microstructure dependence of localized tensile deformation of superelastic NiTi wires. Materials and Design, 2019, 174, 107797.	3.3	51
26	Thermomechanically transforming Notched NiTi Thin ribbon: Effect of Martensitic Transformation on Stress Gradients. Procedia Structural Integrity, 2019, 23, 620-625.	0.3	4
27	B2 â‡' B19′ â‡' B2T Martensitic Transformation as a Mechanism of Plastic Deformation of l and Superelasticity, 2019, 5, 383-396.	NiTi, Shape	Memory
28	Atomic Layer-Deposited TiO2 Coatings on NiTi Surface. Journal of Materials Engineering and Performance, 2018, 27, 572-579.	1.2	6
29	SMA Constitutive Modeling Backed Up by 3D-XRD Experiments: Transformation Front in Stretched NiTi Wire. Shape Memory and Superelasticity, 2018, 4, 411-416.	1.1	9
30	On the coupling between martensitic transformation and plasticity in NiTi: Experiments and continuum based modelling. Progress in Materials Science, 2018, 98, 249-298.	16.0	125
31	Nanocantilevers with Adjustable Static Deflection and Significantly Tunable Spectrum Resonant Frequencies for Applications in Nanomechanical Mass Sensors. Nanomaterials, 2018, 8, 116.	1.9	20
32	On the plastic deformation accompanying cyclic martensitic transformation in thermomechanically loaded NiTi. International Journal of Plasticity, 2018, 111, 53-71.	4.1	75
33	Superelastic tensegrities: matrix formulation and antagonistic actuation. Smart Materials and Structures, 2018, 27, 105028.	1.8	7
34	Effects of carbon nanotube reinforcement and grain size refinement mechanical properties and wear behaviors of carbon nanotube/copper composites. Diamond and Related Materials, 2017, 74, 197-204.	1.8	42
35	Exploiting NiTi shape memory alloy films in design of tunable high frequency microcantilever resonators. Applied Physics Letters, 2017, 111 , .	1.5	24
36	Evolution of macroscopic elastic moduli of martensitic polycrystalline NiTi and NiTiCu shape memory alloys with pseudoplastic straining. Acta Materialia, 2017, 123, 146-156.	3.8	46

#	Article	IF	CITATIONS
37	Fatigue performance of superelastic NiTi near stress-induced martensitic transformation. International Journal of Fatigue, 2017, 95, 76-89.	2.8	58
38	Active frequency tuning of the cantilever nanoresonator utilizing a phase transformation of NiTi thin film. Journal of Vibroengineering, 2017, 19, 5161-5169.	0.5	2
39	NiTi-Polyimide Composites Prepared Using Thermal Imidization Process. Journal of Materials Engineering and Performance, 2016, 25, 1993-1999.	1.2	5
40	Fatigue of superelastic NiTi wires with different plateau strain. Procedia Structural Integrity, 2016, 2, 1489-1496.	0.3	16
41	Grain-resolved analysis of localized deformation in nickel-titanium wire under tensile load. Science, 2016, 353, 559-562.	6.0	154
42	Modeling of mechanical response of NiTi shape memory alloy subjected to combined thermal and non-proportional mechanical loading: a case study on helical spring actuator. Journal of Intelligent Material Systems and Structures, 2016, 27, 1927-1938.	1.4	20
43	Electrochemistry of NiTi Wires/Springs Subjected to Static/Cyclic Loadings. Materials Today: Proceedings, 2015, 2, S965-S969.	0.9	6
44	Monitoring Tensile Fatigue of Superelastic NiTi Wire in Liquids by Electrochemical Potential. Shape Memory and Superelasticity, 2015, 1, 204-230.	1.1	22
45	Evolution of Internal Stresses During Cyclic Superelastic Deformation of NiTi Investigated by X-ray Synchrotron Diffraction. Materials Today: Proceedings, 2015, 2, S731-S734.	0.9	5
46	Phase Transformations and Fatigue of NiTi. MATEC Web of Conferences, 2015, 33, 03011.	0.1	2
47	Instability of cyclic superelastic deformation of NiTi investigated by synchrotron X-ray diffraction. Acta Materialia, 2015, 94, 257-270.	3.8	161
48	Functional textiles driven by transforming NiTi wires. MATEC Web of Conferences, 2015, 33, 03010.	0.1	6
49	Simulation of Mechanical Behavior of NiTi Shape Memory Alloys Under Complex Loading: Model Formulation and its Performance in Applications. , 2014, , .		1
50	Corrosion of NiTi Wires with Cracked Oxide Layer. Journal of Materials Engineering and Performance, 2014, 23, 2659-2668.	1.2	12
51	Physical Simulation of the Random Failure of Implanted Braided NiTi Stents. Journal of Materials Engineering and Performance, 2014, 23, 2650-2658.	1.2	9
52	Simulations of Mechanical Response of Superelastic NiTi Helical Spring and its Relation to Fatigue Resistance. Journal of Materials Engineering and Performance, 2014, 23, 2591-2598.	1.2	27
53	Editorial: SMST 2013. Journal of Materials Engineering and Performance, 2014, 23, 2301-2302.	1.2	0
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55	Atomic Layer-Deposited Al2O3 Coatings on NiTi Alloy. Journal of Materials Engineering and Performance, 2014, 23, 2641-2649.	1.2	11
56	Young's Modulus of Austenite and Martensite Phases in Superelastic NiTi Wires. Journal of Materials Engineering and Performance, 2014, 23, 2303-2314.	1.2	119
57	Microstructure and precipitates in annealed Co38Ni33Al29 ferromagnetic shape memory alloy. Journal of Alloys and Compounds, 2013, 572, 5-10.	2.8	9
58	Thermomechanical model for NiTi-based shape memory alloys including R-phase and material anisotropy under multi-axial loadings. International Journal of Plasticity, 2012, 39, 132-151.	4.1	153
59	Advances in martensitic transformations in Cu-based shape memory alloys achieved by in situ neutron and synchrotron X-ray diffraction methods. Comptes Rendus Physique, 2012, 13, 280-292.	0.3	11
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61	Internal stresses in steel plate generated by shape memory alloy inserts. Acta Materialia, 2012, 60, 1378-1394.	3.8	1
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63	Transmission electron microscopy investigation of dislocation slip during superelastic cycling of Ni–Ti wires. International Journal of Plasticity, 2011, 27, 282-297.	4.1	277
64	Velcro-like fasteners based on NiTi micro-hook arrays. Smart Materials and Structures, 2011, 20, 085027.	1.8	16
65	Neutron diffraction study of the stress distribution in steel matrix around active NiTi inserts. Materials Science & amp; Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 3310-3316.	2.6	2
66	Microstructure changes during non-conventional heat treatment of thin Ni–Ti wires by pulsed electric current studied by transmission electron microscopy. Acta Materialia, 2010, 58, 4503-4515.	3.8	191
67	In situ TEM observation of stress-induced martensitic transformations and twinning processes in CuAlNi single crystals. Acta Materialia, 2010, 58, 5109-5119.	3.8	20
68	Structure and mechanical properties of an AlCr6Fe2Ti1 alloy produced by rapid solidification powder metallurgy method. International Journal of Materials Research, 2010, 101, 307-309.	0.1	5
69	Thermomechanical model for NiTi shape memory wires. Smart Materials and Structures, 2010, 19, 094010.	1.8	16
70	MICROSTRUCTURE AND FUNCTIONAL PROPERTY CHANGES IN THIN Ni â€" Ti WIRES HEAT TREATED BY ELECTRIC CURRENT â€" HIGH ENERGY X-RAY AND TEM INVESTIGATIONS. Functional Materials Letters, 2009, 02, 45-54.	0.7	25
71	Factors Controlling Superelastic Damping Capacity of SMAs. Journal of Materials Engineering and Performance, 2009, 18, 603-611.	1.2	30
72	Shape Memory Hooks Employed in Fasteners. Journal of Materials Engineering and Performance, 2009, 18, 706-710.	1.2	6

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73	Modal resonant ultrasound spectroscopy for ferroelastics. Applied Physics A: Materials Science and Processing, 2009, 96, 557-567.	1.1	55
74	In situ neutron diffraction investigation of deformation twinning and pseudoelastic-like behaviour of extruded AZ31 magnesium alloy. International Journal of Plasticity, 2009, 25, 1107-1127.	4.1	184
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76	Structural characteristics and thermal stability of Al–5.7Cr–2.5Fe–1.3Ti alloy produced by powder metallurgy. Journal of Alloys and Compounds, 2009, 475, 151-156.	2.8	21
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78	The Structure Dependence of Deformation Behavior of Transformation-Induced Plasticity–Assisted Steel Monitoring by In-Situ Neutron Diffraction. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 3097-3104.	1.1	13
79	Electric resistance variation of NiTi shape memory alloy wires in thermomechanical tests: Experiments and simulation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 127-133.	2.6	100
80	In situ neutron diffraction investigation of the collaborative deformation–transformation mechanism in TRIP-assisted steels at room and elevated temperatures. Acta Materialia, 2008, 56, 3367-3379.	3.8	113
81	On the evaluation of temperature dependence of elastic constants of martensitic phases in shape memory alloys from resonant ultrasound spectroscopy studies. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 567-573.	2.6	9
82	Twinning processes in Cu–Al–Ni martensite single crystals investigated by neutron single crystal diffraction method. Materials Science & Description of Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 513-517.	2.6	8
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84	Investigation of deformation mechanisms involved in the plasticity of AZ31 Mg alloy: In situ neutron diffraction and EPSC modelling. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 496, 14-24.	2.6	147
85	Quasistatic and dynamic functional properties of thin superelastic NiTi wires. European Physical Journal: Special Topics, 2008, 158, 7-14.	1.2	9
86	In situneutron diffraction study of magnetic field induced martensite reorientation in Ni–Mn–Ga under constant stress. Journal of Physics Condensed Matter, 2008, 20, 104224.	0.7	12
87	<i>In Situ</i> Neutron Diffraction Studies of the Pseudoelastic-Like Behaviour of Hydrostatically Extruded Mg-Al-Zn Alloy. Materials Science Forum, 2008, 571-572, 107-112.	0.3	3
88	Stress-induced martensite variant reorientation in magnetic shape memory Ni–Mn–Ga single crystal studied by neutron diffraction. Smart Materials and Structures, 2008, 17, 035014.	1.8	15
89	Microstructural study of equiatomic PtTi martensite and the discovery of a new long-period structure. Acta Materialia, 2007, 55, 4447-4454.	3.8	15
90	Simulation of cubic to monoclinic-II transformations in a single crystal Cu–Al–Ni tube. International Journal of Plasticity, 2007, 23, 161-182.	4.1	7

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92	Temperature dependence of elastic properties of cubic and orthorhombic phases in Cu–Al–Ni shape memory alloy near their stability limits. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 462, 320-324.	2.6	19
93	Microstructure and precipitates in as-cast Co38Ni33Al29 shape memory alloy. Scripta Materialia, 2007, 57, 37-40.	2.6	28
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96	R-phase transformation phenomena in thermomechanically loaded NiTi polycrystals. Mechanics of Materials, 2006, 38, 475-492.	1.7	152
97	Retained austenite stability investigation in TRIP steel using neutron diffraction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 437, 114-119.	2.6	24
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101	On the origin of Lýders-like deformation of NiTi shape memory alloys. Journal of the Mechanics and Physics of Solids, 2005, 53, 1719-1746.	2.3	199
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103	In Situ Neutron Diffraction Analysis of Phase Transformation Kinetics in TRIP Steel. Materials Science Forum, 2005, 502, 339-344.	0.3	7
104	Elastic Properties of Structural Phases in Shape Memory Alloys Investigated by Resonant Ultrasound Spectroscopy. Materials Science Forum, 2005, 482, 351-354.	0.3	1
105	Intergranular strains in transforming NiTi alloys. IEEE Transactions on Nuclear Science, 2005, 52, 326-329.	1.2	2
106	In Situ Neutron Diffraction Studies of Phase Transformations in Si - Mn TRIP Steel. Materials Science Forum, 2005, 490-491, 275-280.	0.3	0
107	On the R-phase transformation related phenomena in NiTi polycrystals subjected to thermomechanical loads. European Physical Journal Special Topics, 2004, 115, 269-278.	0.2	6
108	Development of elastic properties of Cu-based shape memory alloys during martensitic transformation. European Physical Journal Special Topics, 2004, 115, 363-363.	0.2	0

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110	A network micromechanics model of thermomechanical behaviors of SMA polycrystals. Scripta Materialia, 2004, 50, 199-206.	2.6	10
111	Experiment feedbacks in micromechanics modeling of thermomechanical behaviors of SMA polycrystals. Scripta Materialia, 2004, 51, 321-326.	2.6	12
112	Micromechanics modelling of NiTi polycrystalline aggregates transforming under tension and compression stress. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 490-498.	2.6	28
113	In situ neutron diffraction studies of martensitic transformations in NiTi polycrystals under tension and compression stress. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 97-104.	2.6	86
114	Ultrasonic characterization of Cu–Al–Ni single crystals lattice stability in the vicinity of the phase transition. Ultrasonics, 2004, 42, 519-526.	2.1	17
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116	Acoustic characterization of the elastic properties of austenite phase and martensitic transformations in CuAlNi shape memory alloy. Journal of Alloys and Compounds, 2004, 378, 140-144.	2.8	19
117	Study of the effect of curing treatment in fabrication of SMA/polymer composites on deformational behavior of NiTi–5at.%Cu SMA wires. Scripta Materialia, 2003, 48, 623-627.	2.6	14
118	Stress induced martensitic transformations in tension/torsion of CuAlNi single crystal tube. Scripta Materialia, 2003, 48, 1153-1159.	2.6	20
119	Experimental Research on Two-Way Shape Memory Effect of Cu-Based SMA Polycrystal. Key Engineering Materials, 2003, 233-236, 553-558.	0.4	0
120	Martensitic Transformations in NiTi Polycrystals Investigated by In-Situ Neutron Diffraction. Materials Science Forum, 2003, 426-432, 2315-2320.	0.3	4
121	Experimental Research on Deformation of Ti-Ni SMA under Complex Loading Conditions. Key Engineering Materials, 2003, 233-236, 547-552.	0.4	5
122	In situ neutron diffraction studies of martensitic transformations in NiTi. European Physical Journal Special Topics, 2003, 112, 709-711.	0.2	12
123	Acoustic recognition of stress induced martensitic transformations in Cu-based shape memory alloys. European Physical Journal Special Topics, 2003, 112, 593-596.	0.2	1
124	CuAlNi Shape-Memory Alloys with Thermomechanical Behaviors Designed by Micromechanics Modelling. Materials Science Forum, 2002, 394-395, 387-390.	0.3	1
125	R-Phase Phenomena in Neutron Diffraction Investigations of Thermomechanically Loaded NiTi Polycrystals. Materials Science Forum, 2002, 404-407, 835-840.	0.3	6
126	Load Partition in NiTi Shape Memory Alloy Polycrystals Investigated by In-Situ Neutron Diffraction and Micromechanics Modelling. Materials Science Forum, 2002, 404-407, 829-834.	0.3	6

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127	Modelling and Material Design of SMA Polymer Composites. Materials Transactions, 2002, 43, 984-993.	0.4	17
128	Multi-Axial Constitutive Equations of Polycrystalline Shape Memory Alloy. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2002, 45, 276-281.	0.4	7
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132	Stress induced martensitic transformation in CuAlZnMn polycrystals investigated by in situ neutron diffraction. European Physical Journal Special Topics, 2001, 11, Pr8-159-Pr8-166.	0.2	5
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135	<title>Comparison between generation of recovery stresses in shape memory wires and composites: theory and reality</title> ., 2001, , .		9
136	NEUTRON TEXTURE ANALYSIS OF CuAlZnMn SHAPE MEMORY ALLOY IN PHASE TRANSITIONS. , 2001, , .		0
137	In situ neutron diffraction study of metals under external mechanical loading. Physica B: Condensed Matter, 2000, 276-278, 845-846.	1.3	4
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143	In Situ High-Resolution Neutron Diffraction Study of Stress Induced Martensitic Transformations in CuAlZnMn Shape Memory Alloy. Materials Science Forum, 2000, 347-349, 334-339.	0.3	4
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146	Thermomechanical behavior of shape memory alloy under complex loading conditions. International Journal of Plasticity, 1999, 15, 223-239.	4.1	46
147	Microscopic and Mesoscopic Evaluations of Materials. Multi-axial Constitutive Equations of Polycrystalline Shape Memory Alloy(1st Report, Modelling and Formulation) Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1999, 65, 491-497.	0.2	9
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150	Martensitic transformations in [001] CuAlZnMn single crystals. Acta Materialia, 1998, 46, 1265-1281.	3.8	37
151	Moving Interfaces in Shape Memory Alloy Bicrystals. Materials Science Forum, 1998, 294-296, 497-500.	0.3	1
152	<title>Deformation behavior of shape memory alloy under complex loading conditions (modeling and) Tj ETQq0</td><td>0 0 rgBT /</td><td>Overlock 10 1</td></tr><tr><td>153</td><td>Stability of <math>\hat{I}^31'</math> Martensite in Cu-Base Alloys. European Physical Journal Special Topics, 1997, 07, C5-227-C5-232.</td><td>0.2</td><td>4</td></tr><tr><td>154</td><td>Shape memory effects under combined forces. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 234-236, 216-219.</td><td>2.6</td><td>10</td></tr><tr><td>155</td><td>Anisotropy of transformation characteristics of Cu-base shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 234-236, 414-417.</td><td>2.6</td><td>35</td></tr><tr><td>156</td><td>Transformation History Dependence of Shape Memory Effects. European Physical Journal Special Topics, 1997, 07, C5-573-C5-578.</td><td>0.2</td><td>1</td></tr><tr><td>157</td><td>Superplastic Deformation of Zn-2wt%Al Alloy under Cyclic Complex Loading Conditions. Materials Science Forum, 1996, 233-234, 29-36.</td><td>0.3</td><td>2</td></tr><tr><td>158</td><td>On Transformation Pathways of General Stress Controlled Thermoelastic Martensitic Transformation in Shape Memory Alloys. European Physical Journal Special Topics, 1996, 06, C1-357-C1-366.</td><td>0.2</td><td>6</td></tr><tr><td>159</td><td>Experimental study on the thermoelastic martensitic transformation in shape memory alloy polycrystal induced by combined external forces. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1995, 26, 2923-2935.</td><td>1.1</td><td>113</td></tr><tr><td>160</td><td>The stabilization of transformation pathway in stress induced martensite. Scripta Metallurgica Et Materialia, 1995, 32, 2073-2079.</td><td>1.0</td><td>12</td></tr><tr><td>161</td><td>On the transformation path of reverse thermoelastic martensitic transformation. Scripta Metallurgica Et Materialia, 1995, 33, 433-439.</td><td>1.0</td><td>4</td></tr><tr><td>162</td><td>Experimental Characteristic of Thermoelastic Martensitic Transformation under General Loading Conditions Zairyo/Journal of the Society of Materials Science, Japan, 1995, 44, 597-601.</td><td>0.1</td><td>1</td></tr></tbody></table></title>		

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163	EXPERIMENTAL STUDY ON PERFORMANCES IN Cu-BASED SHAPE MEMORY ALLOY UNDER MULTI-AXIAL LOADING CONDITIONS. Zairyo/Journal of the Society of Materials Science, Japan, 1995, 44, 260-265.	0.1	1
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