

Jacques Huot

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

5,943
citations

37
h-index

74
g-index

136
ext. papers

6,770
ext. citations

5
avg, IF

5.96
L-index

#	Paper	IF	Citations
129	Nanomaterials by severe plastic deformation: review of historical developments and recent advances. <i>Materials Research Letters</i> , 2022 , 10, 163-256	7.4	26
128	Effect of HPT on the First Hydrogenation of LaNi ₅ Metal Hydride. <i>Energies</i> , 2021 , 14, 6710	3.1	1
127	Effect of particle size, pressure and temperature on the activation process of hydrogen absorption in TiVZrHfNb high entropy alloy. <i>Journal of Alloys and Compounds</i> , 2021 , 861, 158615	5.7	5
126	Effects of the Chromium Content in (TiVNb) _{100-x} Cr _x Body-Centered Cubic High Entropy Alloys Designed for Hydrogen Storage Applications. <i>Energies</i> , 2021 , 14, 3068	3.1	3
125	Study of the Microstructural and First Hydrogenation Properties of TiFe Alloy with Zr, Mn and V as Additives. <i>Processes</i> , 2021 , 9, 1217	2.9	0
124	Synthesis and hydrogen storage behavior of Mg ₂ VAlCrNi high entropy alloys. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 2351-2361	6.7	27
123	Influence of Ball Milling, Cold Rolling and Doping (Zr + 2Cr) on Microstructure, First Hydrogenation Properties and Anti-poisoning Ability of TiFe Alloy. <i>Metals and Materials International</i> , 2021 , 27, 1346-1357	2.4	4
122	First hydrogenation of mechanically processed TiFe-based alloy synthesized by gas atomization. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 7381-7389	6.7	4
121	Microstructure and hydrogen storage properties of TiVCr based BCC-type high entropy alloys. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 28709-28718	6.7	8
120	Microstructure and Hydrogen Storage Properties of the Multiphase Ti _{0.3} V _{0.3} Mn _{0.2} Fe _{0.1} Ni _{0.1} Alloy. <i>Reactions</i> , 2021 , 2, 287-300	1.5	0
119	Hydrogenation of Ti _x Fe _{2-x} -based alloys with overstoichiometric Ti ratio ($x = 1.1, 1.15$ and 1.2). <i>International Journal of Hydrogen Energy</i> , 2021 ,	6.7	1
118	Investigation of dehydrogenation of TiVCr alloy by using in-situ neutron diffraction. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156130	5.7	2
117	First hydrogenation kinetics of Zr and Mn doped TiFe alloy after air exposure and reactivation by mechanical treatment. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 11625-11631	6.7	16
116	Selection of phase change materials, metal foams and geometries for improving metal hydride performance. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 14922-14939	6.7	16
115	Effect of Heat Treatment on Crystal Structure, Microstructure, and Hydrogenation Behavior of BCC 52Ti-12V-36Cr Alloys with Zr and Zr-Ni Additives. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020 , 51, 1945-1952	2.3	0
114	Investigation of Crystal Structure, Microstructure, and Hydrogenation Behavior of Heat-Treated Ti ₅₂ V ₁₂ Cr ₃₆ Alloy. <i>ACS Applied Energy Materials</i> , 2020 , 3, 794-799	6.1	3
113	Hydrogen storage properties and cycling degradation of single-phase La _{0.60} R _{0.15} Mg _{0.25} Ni _{3.45} alloys with A2B7-type superlattice structure. <i>Energy</i> , 2020 , 192, 116617	7.9	10

112	Microstructure and first hydrogenation properties of TiFe alloy with Zr and Mn as additives. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 787-797	6.7	21
111	Effect of Hafnium Addition on the Hydrogenation Process of TiFe Alloy. <i>Energies</i> , 2019 , 12, 3477	3.1	4
110	Effect of cooling rate on the microstructure and hydrogen storage properties of TiFe with 4 wt% Zr as an additive. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 5623-5630	5.5	15
109	Mechanochemistry of Metal Hydrides: Recent Advances. <i>Materials</i> , 2019 , 12,	3.5	41
108	Investigation of the microstructure, crystal structure and hydrogenation kinetics of Ti-V-Cr alloy with Zr addition. <i>Journal of Alloys and Compounds</i> , 2019 , 785, 1115-1120	5.7	8
107	First Hydrogenation Enhancement in TiFe Alloys for Hydrogen Storage Doped with Yttrium. <i>Metals</i> , 2019 , 9, 242	2.3	14
106	Effect of ball milling and cryomilling on the microstructure and first hydrogenation properties of TiFe+4 wt.% Zr alloy. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 1828-1834	5.5	22
105	Effect of Cold Rolling on Metal Hydrides. <i>Materials Transactions</i> , 2019 , 60, 1571-1576	1.3	14
104	Enhancement of Hydrogen Storage in Metals by Using a New Technique in Severe Plastic Deformations. <i>Key Engineering Materials</i> , 2019 , 799, 173-178	0.4	4
103	Analysis of hydrogen storage performance of metal hydride reactor with phase change materials. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 28893-28908	6.7	31
102	Structural, microstructural and hydrogenation characteristics of Ti-V-Cr alloy with Zr-Ni addition. <i>Journal of Alloys and Compounds</i> , 2019 , 776, 614-619	5.7	11
101	Nanostructure development in refractory metals: ECAP processing of Niobium and Tantalum using indirect-extrusion technique. <i>International Journal of Refractory Metals and Hard Materials</i> , 2019 , 79, 1-9	4.1	14
100	Effect of cold rolling and ball milling on first hydrogenation of Ti _{0.5} Zr _{0.5} (Mn _{1-x} Fe _x)Cr ₁ , x = 0, 0.2, 0.4. <i>Journal of Alloys and Compounds</i> , 2019 , 775, 912-920	5.7	13
99	Effect of ball milling on the first hydrogenation of TiFe alloy doped with 4 wt% (Zr + 2Mn) additive. <i>Journal of Materials Science</i> , 2018 , 53, 13751-13757	4.3	10
98	Effect of annealing on microstructure and hydrogenation properties of TiFe + X wt% Zr (X = 4, 8). <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 6238-6243	6.7	26
97	Effect of addition of Zr, Ni, and Zr-Ni alloy on the hydrogen absorption of Body Centred Cubic 52Ti-12V-36Cr alloy. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 7424-7429	6.7	9
96	Crystal structure of as-cast and heat-treated Ti _{0.5} Zr _{0.5} (Mn _{1-x} Fe _x)Cr ₁ , x=0, 0.2, 0.4. <i>Journal of Alloys and Compounds</i> , 2018 , 767, 432-438	5.7	6
95	Microstructure Optimization of Mg-Alloys by the ECAP Process Including Numerical Simulation, SPD Treatments, Characterization, and Hydrogen Sorption Properties. <i>Molecules</i> , 2018 , 24,	4.8	11

94	Mechanical activation of air exposed TiFe _{0.4} Zr alloy for hydrogenation by cold rolling and ball milling. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 20795-20800	6.7	30
93	Replacement of Vanadium by Ferrovandium in a Ti-Based Body Centred Cubic (BCC) Alloy: Towards a Low-Cost Hydrogen Storage Material. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1151	2.6	4
92	In-situ neutron diffraction investigation of Mg ₂ FeH ₆ dehydrogenation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 3087-3096	6.7	7
91	Enhanced hydrogen storage properties of 2LiNH ₂ /MgH ₂ through the addition of Mg(BH ₄) ₂ . <i>Journal of Alloys and Compounds</i> , 2017 , 704, 44-50	5.7	14
90	Hydrogen sorption enhancement in cold-rolled and ball-milled CaNi ₅ . <i>Journal of Materials Science</i> , 2017 , 52, 11911-11918	4.3	8
89	Effect of doping and particle size on hydrogen absorption properties of BCC solid solution 52Ti-12V-36Cr. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 11523-11527	6.7	13
88	First hydrogenation enhancement in TiFe alloys for hydrogen storage. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 375303	3	18
87	Hydrogenation improvement of TiFe by adding ZrMn ₂ . <i>Energy</i> , 2017 , 138, 375-382	7.9	46
86	Effect of Al presence and synthesis method on phase composition of the hydrogen absorbing LaMgNi-based compounds. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 30135-30144	6.7	12
85	Low temperature rolling of AZ91 alloy for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 29394-29405	6.7	11
84	Microstructure and Hydrogen Storage Properties of Ti1V0.9Cr1.1 Alloy with Addition of x wt % Zr (x = 0, 2, 4, 8, and 12). <i>Inorganics</i> , 2017 , 5, 86	2.9	3
83	Enhancing Hydrogen Storage Properties of Metal Hybrides. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 ,	0.4	4
82	Hydrogen storage in filed magnesium. <i>Journal of Alloys and Compounds</i> , 2016 , 687, 586-594	5.7	22
81	Review of magnesium hydride-based materials: development and optimisation. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	212
80	Mg-based compounds for hydrogen and energy storage. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	121
79	High-Pressure Torsion. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 11-17	0.4	1
78	Cold Rolling. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 27-38	0.4	
77	Ti-based BCC Alloy: Dehydrogenation Characterization Using Synchrotron and Neutron Diffraction. <i>Materials Research</i> , 2016 , 19, 8-12	1.5	3

76	Equal Channel Angular Pressing. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 19-26	0.4	2
75	Hydrogen storage properties of Ti _{0.95} FeZr _{0.05} , TiFe _{0.95} Zr _{0.05} and TiFeZr _{0.05} alloys. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 22128-22133	6.7	44
74	Reactions in a multilayered Si (substrate)/Ta/Mg/Fe/Ta/Pd thin-film structure during annealing and deuterium absorption. <i>Acta Materialia</i> , 2015 , 90, 259-271	8.4	3
73	Synthesis and hydrogen sorption properties of TiV(2x)Mnx BCC alloys. <i>Journal of Alloys and Compounds</i> , 2015 , 624, 247-250	5.7	20
72	Hydrogenation properties of TiFe with Zr ₇ Ni ₁₀ alloy as additive. <i>Journal of Alloys and Compounds</i> , 2015 , 636, 375-380	5.7	35
71	Effect of cold rolling on the hydrogen absorption and desorption kinetics of Zircaloy-4. <i>Materials Chemistry and Physics</i> , 2015 , 155, 241-245	4.4	10
70	Enhancement of the initial hydrogenation of Mg by ball milling with alkali metal amides MNH ₂ (M = Li or Na). <i>Dalton Transactions</i> , 2015 , 44, 16694-7	4.3	10
69	Synthesis, characterization and hydrogen sorption properties of a Body Centered Cubic 42Ti ₂ V ₁₈ B ₇ Cr alloy doped with Zr ₇ Ni ₁₀ . <i>Journal of Alloys and Compounds</i> , 2015 , 620, 101-108	5.7	13
68	Hydrogenation Properties of TiFe Doped with Zirconium. <i>Materials</i> , 2015 , 8, 7864-7872	3.5	27
67	Effect of Cold Rolling on the Hydrogen Desorption Behavior of Binary Metal Hydride Powders under Microwave Irradiation. <i>Metals</i> , 2015 , 5, 2021-2033	2.3	6
66	Effect of Magnesium Fluoride on Hydrogenation Properties of Magnesium Hydride. <i>Energies</i> , 2015 , 8, 12546-12556	3.1	16
65	Effects of equal-channel angular pressing and accumulative roll-bonding on hydrogen storage properties of a commercial ZK60 magnesium alloy. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 16971-16976	6.7	32
64	Effect of Zr, Ni and Zr 7 Ni 10 alloy on hydrogen storage characteristics of TiFe alloy. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 16921-16927	6.7	45
63	The role of morphology and severe plastic deformation on the hydrogen storage properties of magnesium. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 12778-12783	6.7	21
62	Hydrogen storage properties of MgH ₂ processed by cold forging. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S719-S724	5.7	16
61	Hydrogen sorption enhancement in cold rolled LaNi ₅ . <i>Journal of Alloys and Compounds</i> , 2014 , 595, 22-27	5.7	20
60	MgH ₂ + FeNb nanocomposites for hydrogen storage. <i>Materials Chemistry and Physics</i> , 2014 , 147, 557-562	4.4	21
59	Investigation of Effect of Milling Atmosphere and Starting Composition on Mg ₂ FeH ₆ Formation. <i>Metals</i> , 2014 , 4, 388-400	2.3	12

58	Improvement of hydrogen storage properties of magnesium alloys by cold rolling and forging. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012114	0.4	2
57	Crystal structure and hydrogen storage properties of body centered cubic 52Ti $\bar{1}$ 2V $\bar{1}$ 6Cr alloy doped with Zr7Ni10. <i>Journal of Alloys and Compounds</i> , 2014 , 607, 251-257	5.7	19
56	Hydrogenation rate limiting step, diffusion and thermal conductivity in cold rolled magnesium hydride. <i>Journal of Alloys and Compounds</i> , 2014 , 583, 116-120	5.7	21
55	MgH ₂ as dopant for improved activation of commercial Mg ingot. <i>Journal of Alloys and Compounds</i> , 2013 , 575, 364-369	5.7	18
54	H-sorption properties and structural evolution of Mg processed by severe plastic deformation. <i>Journal of Alloys and Compounds</i> , 2013 , 580, S187-S191	5.7	19
53	Mechanochemical synthesis of hydrogen storage materials. <i>Progress in Materials Science</i> , 2013 , 58, 30-75	4.2	294
52	Formation reaction of Mg ₂ FeH ₆ : effect of hydrogen absorption/desorption kinetics. <i>Materials Research</i> , 2013 , 16, 1373-1378	1.5	8
51	Effect of cold rolling on hydrogen sorption properties of die-cast and as-cast magnesium alloys. <i>Journal of Alloys and Compounds</i> , 2012 , 520, 287-294	5.7	45
50	Formation of the Ternary Complex Hydride Mg ₂ FeH ₆ from Magnesium Hydride (MgH ₂) and Iron: An Electron Microscopy and Energy-Loss Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 25701-25714	3.8	36
49	Hydrogen storage properties of cold rolled magnesium hydrides with oxides catalysts. <i>Journal of Alloys and Compounds</i> , 2012 , 512, 33-38	5.7	24
48	Addition of catalysts to magnesium hydride by means of cold rolling. <i>Journal of Alloys and Compounds</i> , 2012 , 512, 290-295	5.7	21
47	Nanocrystalline Metal Hydrides Obtained by Severe Plastic Deformations. <i>Metals</i> , 2012 , 2, 22-40	2.3	29
46	Application of Severe Plastic Deformation Techniques to Magnesium for Enhanced Hydrogen Sorption Properties. <i>Metals</i> , 2012 , 2, 329-343	2.3	47
45	Magnesium-Nickel alloy for hydrogen storage produced by melt spinning followed by cold rolling. <i>Materials Research</i> , 2012 , 15, 813-817	1.5	12
44	Differential Scanning Calorimetry (DSC) and Synchrotron X-ray Diffraction Study of Unmilled and Milled LiBH ₄ : A Partial Release of Hydrogen at Moderate Temperatures. <i>Crystals</i> , 2012 , 2, 1-21	2.3	11
43	A new approach to the processing of metal hydrides. <i>Journal of Alloys and Compounds</i> , 2011 , 509, L18-L23	7	51
42	Nanostructured MgH ₂ prepared by cold rolling and cold forging. <i>Journal of Alloys and Compounds</i> , 2011 , 509, S444-S448	5.7	47
41	Effect of air contamination on ball milling and cold rolling of magnesium hydride. <i>Journal of Alloys and Compounds</i> , 2011 , 509, L175-L179	5.7	28

40	Hydrogen storage in bulk MgTi and MgTi stainless steel multilayer composites synthesized via accumulative roll-bonding (ARB). <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3022-3036	6.7	55
39	Replacement of Vanadium by Ferrovandium in Ti-Based BCC Alloys for Hydrogen Storage. <i>Solid State Phenomena</i> , 2011 , 170, 144-149	0.4	8
38	Hydrogen Activation Behavior of Commercial Magnesium Processed by Different Severe Plastic Deformation Routes. <i>Materials Science Forum</i> , 2010 , 667-669, 1047-1051	0.4	11
37	Hydrogen sorption properties of TiCr alloys synthesized by ball milling and cold rolling. <i>Intermetallics</i> , 2010 , 18, 140-144	3.5	26
36	Nanoscale Grain Refinement and H-Sorption Properties of MgH ₂ Processed by High-Pressure Torsion and Other Mechanical Routes. <i>Advanced Engineering Materials</i> , 2010 , 12, 786-792	3.5	70
35	Metal Hydrides 2010 , 81-116		8
34	Catalytic effects of pseudo AB ₂ phases on hydrogen sorption. <i>Journal of Alloys and Compounds</i> , 2009 , 469, 137-141	5.7	7
33	Hydrogen storage in TiCr _{1.2} (FeV) _x BCC solid solutions. <i>Journal of Alloys and Compounds</i> , 2009 , 472, 247-251	3.5	18
32	Hydrogen storage in TiMn(FeV) BCC alloys. <i>Journal of Alloys and Compounds</i> , 2009 , 480, 5-8	5.7	18
31	Effect of ball milling and cold rolling on hydrogen storage properties of nanocrystalline TiV _{1.6} Mn _{0.4} alloy. <i>Journal of Alloys and Compounds</i> , 2009 , 484, 154-158	5.7	19
30	Synthesis, phase transformation, and hydrogen storage properties of ball-milled TiV _{0.9} Mn _{1.1} . <i>Journal of Alloys and Compounds</i> , 2008 , 453, 203-209	5.7	33
29	Synthesis of Metal Hydrides by Cold Rolling. <i>Materials Science Forum</i> , 2008 , 570, 33-38	0.4	7
28	Nanostructured Mg ₂ Ni materials prepared by cold rolling and used as negative electrode for NiMH batteries. <i>Journal of Power Sources</i> , 2008 , 185, 566-569	8.9	30
27	Kinetics and Thermodynamics. <i>Green Energy and Technology</i> , 2008 , 471-500	0.6	0
26	Rapid activation, enhanced hydrogen sorption kinetics and air resistance in laminated MgPd 2.5at.%. <i>Journal of Alloys and Compounds</i> , 2007 , 439, L5-L7	5.7	79
25	Study of Mg ₆ Pd alloy synthesized by cold rolling. <i>Journal of Alloys and Compounds</i> , 2007 , 446-447, 147-151	5.7	63
24	Influence of the evaporation rate and the evaporation mode on the hydrogen sorption kinetics of air-exposed magnesium films. <i>Thin Solid Films</i> , 2006 , 496, 683-687	2.2	32
23	Phase transformation in magnesium hydride induced by ball milling. <i>European Journal of Control</i> , 2006 , 31, 135-144	2.5	16

22	Hydrogen cycling of niobium and vanadium catalyzed nanostructured magnesium. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14348-54	16.4	196
21	Reactivity during cycling of nanocrystalline Mg-based hydrogen storage compounds. <i>International Journal of Hydrogen Energy</i> , 2002 , 27, 909-913	6.7	37
20	Properties of mechanically alloyed MgNiTi ternary hydrogen storage alloys for Ni-MH batteries. <i>Journal of Power Sources</i> , 2002 , 112, 547-556	8.9	84
19	Structure of nanocomposite metal hydrides. <i>Journal of Alloys and Compounds</i> , 2002 , 330-332, 727-731	5.7	66
18	Mechanically driven crystallization of amorphous MgNi alloy during prolonged milling: applications in NiMH batteries. <i>Journal of Alloys and Compounds</i> , 2002 , 339, 195-201	5.7	53
17	Hydrogenation characteristics of air-exposed magnesium films. <i>Journal of Alloys and Compounds</i> , 2002 , 345, 158-166	5.7	55
16	Mechanically alloyed metal hydride systems. <i>Applied Physics A: Materials Science and Processing</i> , 2001 , 72, 187-195	2.6	225
15	Study of the activation process of Mg-based hydrogen storage materials modified by graphite and other carbonaceous compounds. <i>Journal of Materials Research</i> , 2001 , 16, 2893-2905	2.5	64
14	Hydrogen storage properties of the mechanically alloyed LaNi ₅ -based materials. <i>Journal of Alloys and Compounds</i> , 2001 , 320, 133-139	5.7	102
13	Activation characteristics of graphite modified hydrogen absorbing materials. <i>Journal of Alloys and Compounds</i> , 2001 , 325, 245-251	5.7	82
12	Influence of cycling on the thermodynamic and structure properties of nanocrystalline magnesium based hydride. <i>Journal of Alloys and Compounds</i> , 2000 , 305, 264-271	5.7	70
11	Hydriding behavior of MgAl and leached MgAl compounds prepared by high-energy ball-milling. <i>Journal of Alloys and Compounds</i> , 2000 , 297, 282-293	5.7	142
10	Recent developments in the applications of nanocrystalline materials to hydrogen technologies. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1999 , 267, 240-245	5.3	112
9	Hydrogen storage properties of the mechanically milled MgH ₂ /Ti nanocomposite. <i>Journal of Alloys and Compounds</i> , 1999 , 291, 295-299	5.7	275
8	Catalytic effect of transition metals on hydrogen sorption in nanocrystalline ball milled MgH ₂ /Tm (Tm=Ti, V, Mn, Fe and Ni) systems. <i>Journal of Alloys and Compounds</i> , 1999 , 292, 247-252	5.7	858
7	Structural study and hydrogen sorption kinetics of ball-milled magnesium hydride. <i>Journal of Alloys and Compounds</i> , 1999 , 293-295, 495-500	5.7	560
6	Direct synthesis of Mg ₂ FeH ₆ by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 1998 , 280, 306-309	5.7	107
5	Preparation of the hydrides Mg ₂ FeH ₆ and Mg ₂ CoH ₅ by mechanical alloying followed by sintering. <i>Journal of Alloys and Compounds</i> , 1997 , 248, 164-167	5.7	105

4	Mechanical alloying of MgNi compounds under hydrogen and inert atmosphere. <i>Journal of Alloys and Compounds</i> , 1995 , 231, 815-819	5-7	101
3	Crystal structure of multiphase alloys (Zr,Ti)(Mn,V) ₂ . <i>Journal of Alloys and Compounds</i> , 1995 , 231, 85-89	5-7	40
2	Crystal structure and phase composition of alloys Zr _{1-x} Ti _x (Mn _{1-y} V _y) ₂ . <i>Journal of Alloys and Compounds</i> , 1995 , 228, 181-187	5-7	40
1	Crystal structure, phase abundance and electrode performance of Laves phase compounds (Zr, A)V _{0.5} Ni _{1.1} Mn _{0.2} Fe _{0.2} (A = Ti, Nb or Hf). <i>Journal of Alloys and Compounds</i> , 1995 , 218, 101-109	5-7	50