

Jacques Huot

List of Publications by Year in descending order

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papers

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61945

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Catalytic effect of transition metals on hydrogen sorption in nanocrystalline ball milled MgH ₂ -Tm (Tm=Ti, V, Mn, Fe and Ni) systems. Journal of Alloys and Compounds, 1999, 292, 247-252.	2.8	995
2	Structural study and hydrogen sorption kinetics of ball-milled magnesium hydride. Journal of Alloys and Compounds, 1999, 293-295, 495-500.	2.8	651
3	Mechanochemical synthesis of hydrogen storage materials. Progress in Materials Science, 2013, 58, 30-75.	16.0	345
4	Hydrogen storage properties of the mechanically milled MgH ₂ -V nanocomposite. Journal of Alloys and Compounds, 1999, 291, 295-299.	2.8	326
5	Review of magnesium hydride-based materials: development and optimisation. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	274
6	Mechanically alloyed metal hydride systems. Applied Physics A: Materials Science and Processing, 2001, 72, 187-195.	1.1	255
7	Hydrogen Cycling of Niobium and Vanadium Catalyzed Nanostructured Magnesium. Journal of the American Chemical Society, 2005, 127, 14348-14354.	6.6	222
8	Nanomaterials by severe plastic deformation: review of historical developments and recent advances. Materials Research Letters, 2022, 10, 163-256.	4.1	215
9	Hydriding behavior of Mg-Al and leached Mg-Al compounds prepared by high-energy ball-milling. Journal of Alloys and Compounds, 2000, 297, 282-293.	2.8	165
10	Mg-based compounds for hydrogen and energy storage. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	146
11	Recent developments in the applications of nanocrystalline materials to hydrogen technologies. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 267, 240-245.	2.6	132
12	Hydrogen storage properties of the mechanically alloyed LaNi ₅ -based materials. Journal of Alloys and Compounds, 2001, 320, 133-139.	2.8	127
13	Preparation of the hydrides Mg ₂ FeH ₆ and Mg ₂ CoH ₅ by mechanical alloying followed by sintering. Journal of Alloys and Compounds, 1997, 248, 164-167.	2.8	118
14	Direct synthesis of Mg ₂ FeH ₆ by mechanical alloying. Journal of Alloys and Compounds, 1998, 280, 306-309.	2.8	116
15	Mechanical alloying of MgNi compounds under hydrogen and inert atmosphere. Journal of Alloys and Compounds, 1995, 231, 815-819.	2.8	113
16	Activation characteristics of graphite modified hydrogen absorbing materials. Journal of Alloys and Compounds, 2001, 325, 245-251.	2.8	98
17	Rapid activation, enhanced hydrogen sorption kinetics and air resistance in laminated Mg-Pd 2.5at.%. Journal of Alloys and Compounds, 2007, 439, L5-L7.	2.8	90
18	Influence of cycling on the thermodynamic and structure properties of nanocrystalline magnesium based hydride. Journal of Alloys and Compounds, 2000, 305, 264-271.	2.8	89

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19	Properties of mechanically alloyed Mg-Ni-Ti ternary hydrogen storage alloys for Ni-MH batteries. Journal of Power Sources, 2002, 112, 547-556.	4.0	89
20	Nanoscale Grain Refinement and Hydrogen Sorption Properties of MgH ₂ Processed by High-Pressure Torsion and Other Mechanical Routes. Advanced Engineering Materials, 2010, 12, 786-792.	1.6	82
21	Recent progress on the development of high entropy alloys (HEAs) for solid hydrogen storage: A review. International Journal of Hydrogen Energy, 2022, 47, 11236-11249.	3.8	77
22	Structure of nanocomposite metal hydrides. Journal of Alloys and Compounds, 2002, 330-332, 727-731.	2.8	74
23	Study of the activation process of Mg-based hydrogen storage materials modified by graphite and other carbonaceous compounds. Journal of Materials Research, 2001, 16, 2893-2905.	1.2	72
24	Study of Mg ₆ Pd alloy synthesized by cold rolling. Journal of Alloys and Compounds, 2007, 446-447, 147-151.	2.8	71
25	Effect of Zr, Ni and Zr 7 Ni 10 alloy on hydrogen storage characteristics of TiFe alloy. International Journal of Hydrogen Energy, 2015, 40, 16921-16927.	3.8	71
26	Mechanochemistry of Metal Hydrides: Recent Advances. Materials, 2019, 12, 2778.	1.3	71
27	Synthesis and hydrogen storage behavior of Mg-V-Al-Cr-Ni high entropy alloys. International Journal of Hydrogen Energy, 2021, 46, 2351-2361.	3.8	69
28	Hydrogenation improvement of TiFe by adding ZrMn ₂ . Energy, 2017, 138, 375-382.	4.5	67
29	Analysis of hydrogen storage performance of metal hydride reactor with phase change materials. International Journal of Hydrogen Energy, 2019, 44, 28893-28908.	3.8	66
30	Hydrogen storage in bulk Mg-Ti and Mg-stainless steel multilayer composites synthesized via accumulative roll-bonding (ARB). International Journal of Hydrogen Energy, 2011, 36, 3022-3036.	3.8	64
31	A new approach to the processing of metal hydrides. Journal of Alloys and Compounds, 2011, 509, L18-L22.	2.8	63
32	Hydrogen storage properties of Ti _{0.95} FeZr _{0.05} , TiFe _{0.95} Zr _{0.05} and TiFeZr _{0.05} alloys. International Journal of Hydrogen Energy, 2016, 41, 22128-22133.	3.8	62
33	Hydrogenation characteristics of air-exposed magnesium films. Journal of Alloys and Compounds, 2002, 345, 158-166.	2.8	61
34	Application of Severe Plastic Deformation Techniques to Magnesium for Enhanced Hydrogen Sorption Properties. Metals, 2012, 2, 329-343.	1.0	58
35	Crystal structure, phase abundance and electrode performance of Laves phase compounds (Zr ₂ Ti ₃) ₂ . Journal of Alloys and Compounds, 2011, 509, L18-L22.	2.8	56
36	Mechanically driven crystallization of amorphous MgNi alloy during prolonged milling: applications in Ni-MH batteries. Journal of Alloys and Compounds, 2002, 339, 195-201.	2.8	56

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37	Microstructure and first hydrogenation properties of TiFe alloy with Zr and Mn as additives. International Journal of Hydrogen Energy, 2020, 45, 787-797.	3.8	56
38	Nanostructured MgH ₂ prepared by cold rolling and cold forging. Journal of Alloys and Compounds, 2011, 509, S444-S448.	2.8	54
39	Effect of cold rolling on hydrogen sorption properties of die-cast and as-cast magnesium alloys. Journal of Alloys and Compounds, 2012, 520, 287-294.	2.8	50
40	Effect of ball milling and cryomilling on the microstructure and first hydrogenation properties of TiFe+4 wt.% Zr alloy. Journal of Materials Research and Technology, 2019, 8, 1828-1834.	2.6	49
41	Microstructure and hydrogen storage properties of Ti-V-Cr based BCC-type high entropy alloys. International Journal of Hydrogen Energy, 2021, 46, 28709-28718.	3.8	49
42	Hydrogenation properties of TiFe with Zr7Ni10 alloy as additive. Journal of Alloys and Compounds, 2015, 636, 375-380.	2.8	47
43	Mechanical activation of air exposed TiFe+4wt% Zr alloy for hydrogenation by cold rolling and ball milling. International Journal of Hydrogen Energy, 2018, 43, 20795-20800.	3.8	45
44	Selection of phase change materials, metal foams and geometries for improving metal hydride performance. International Journal of Hydrogen Energy, 2020, 45, 14922-14939.	3.8	45
45	Reactivity during cycling of nanocrystalline Mg-based hydrogen storage compounds. International Journal of Hydrogen Energy, 2002, 27, 909-913.	3.8	44
46	Effects of equal-channel angular pressing and accumulative roll-bonding on hydrogen storage properties of a commercial ZK60 magnesium alloy. International Journal of Hydrogen Energy, 2015, 40, 16971-16976.	3.8	44
47	Crystal structure of multiphase alloys (Zr,Ti)(Mn,V) ₂ . Journal of Alloys and Compounds, 1995, 231, 85-89.	2.8	42
48	Crystal structure and phase composition of alloys Zr _{1-x} Ti _x (Mn _{1-y} V _y) ₂ . Journal of Alloys and Compounds, 1995, 228, 181-187.	2.8	41
49	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. Journal of Physical Chemistry C, 2012, 116, 25701-25714.	1.5	39
50	Synthesis, phase transformation, and hydrogen storage properties of ball-milled TiV _{0.9} Mn _{1.1} . Journal of Alloys and Compounds, 2008, 453, 203-209.	2.8	37
51	Nanocrystalline Metal Hydrides Obtained by Severe Plastic Deformations. Metals, 2012, 2, 22-40.	1.0	36
52	Hydrogenation Properties of TiFe Doped with Zirconium. Materials, 2015, 8, 7864-7872.	1.3	36
53	Influence of the evaporation rate and the evaporation mode on the hydrogen sorption kinetics of air-exposed magnesium films. Thin Solid Films, 2006, 496, 683-687.	0.8	35
54	Nanostructured Mg ₂ Ni materials prepared by cold rolling and used as negative electrode for Ni-MH batteries. Journal of Power Sources, 2008, 185, 566-569.	4.0	35

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55	Effect of air contamination on ball milling and cold rolling of magnesium hydride. <i>Journal of Alloys and Compounds</i> , 2011, 509, L175-L179.	2.8	35
56	Effect of annealing on microstructure and hydrogenation properties of TiFe \hat{A} + $\hat{A}X\hat{A}$ wt% Zr ($X\hat{A}$ = $\hat{A}4$, 8). <i>International Journal of Hydrogen Energy</i> , 2018, 43, 6238-6243.	3.8	35
57	Hydrogenation rate limiting step, diffusion and thermal conductivity in cold rolled magnesium hydride. <i>Journal of Alloys and Compounds</i> , 2014, 583, 116-120.	2.8	33
58	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.	3.8	33
59	First Hydrogenation Enhancement in TiFe Alloys for Hydrogen Storage Doped with Yttrium. <i>Metals</i> , 2019, 9, 242.	1.0	29
60	Hydrogen storage properties and cycling degradation of single-phase La _{0.60} Ru _{0.15} Mg _{0.25} Ni _{3.45} alloys with A2B7-type superlattice structure. <i>Energy</i> , 2020, 192, 116617.	4.5	29
61	Magnesium- and intermetallic alloys-based hydrides for energy storage: modelling, synthesis and properties. <i>Progress in Energy</i> , 2022, 4, 032007.	4.6	29
62	Addition of catalysts to magnesium hydride by means of cold rolling. <i>Journal of Alloys and Compounds</i> , 2012, 512, 290-295.	2.8	28
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.	3.8	28
64	Synthesis and hydrogen sorption properties of TiV(2 \hat{a} \sim x)Mnx BCC alloys. <i>Journal of Alloys and Compounds</i> , 2015, 624, 247-250.	2.8	28
65	Hydrogen storage in filed magnesium. <i>Journal of Alloys and Compounds</i> , 2016, 687, 586-594.	2.8	28
66	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.	2.6	28
67	Hydrogen sorption properties of Ti \hat{A} Cr alloys synthesized by ball milling and cold rolling. <i>Intermetallics</i> , 2010, 18, 140-144.	1.8	27
68	Hydrogen storage properties of cold rolled magnesium hydrides with oxides catalysts. <i>Journal of Alloys and Compounds</i> , 2012, 512, 33-38.	2.8	27
69	H-sorption properties and structural evolution of Mg processed by severe plastic deformation. <i>Journal of Alloys and Compounds</i> , 2013, 580, S187-S191.	2.8	27
70	Hydrogen sorption enhancement in cold rolled LaNi ₅ . <i>Journal of Alloys and Compounds</i> , 2014, 595, 22-27.	2.8	27
71	Crystal structure and hydrogen storage properties of body centered cubic 52Ti \hat{A} 12V \hat{A} 36Cr alloy doped with Zr7Ni10. <i>Journal of Alloys and Compounds</i> , 2014, 607, 251-257.	2.8	25
72	MgH ₂ \hat{A} FeNb nanocomposites for hydrogen storage. <i>Materials Chemistry and Physics</i> , 2014, 147, 557-562.	2.0	25

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73	Effect of Cold Rolling on Metal Hydrides. <i>Materials Transactions</i> , 2019, 60, 1571-1576.	0.4	25
74	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.	2.8	25
75	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} (x=0, 0.2, 0.4). <i>Journal of Alloys and Compounds</i> , 2019, 775, 912-920.	2.8	25
76	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.	3.8	24
77	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.	1.6	24
78	MgH ₂ as dopant for improved activation of commercial Mg ingot. <i>Journal of Alloys and Compounds</i> , 2013, 575, 364-369.	2.8	23
79	First hydrogenation enhancement in TiFe alloys for hydrogen storage. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 375303.	1.3	23
80	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.	3.8	23
81	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.	2.8	22
82	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.	2.8	22
83	Hydrogen storage in TiCr _{1.2} (FeV) _x BCC solid solutions. <i>Journal of Alloys and Compounds</i> , 2009, 472, 247-251.	2.8	21
84	Effect of Magnesium Fluoride on Hydrogenation Properties of Magnesium Hydride. <i>Energies</i> , 2015, 8, 12546-12556.	1.6	21
85	First hydrogenation of mechanically processed TiFe-based alloy synthesized by gas atomization. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 7381-7389.	3.8	21
86	Hydrogen storage in Ti _{1-x} Mn _x (FeV) BCC alloys. <i>Journal of Alloys and Compounds</i> , 2009, 480, 5-8.	2.8	20
87	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.	2.8	20
88	Microstructure Optimization of Mg-Alloys by the ECAP Process Including Numerical Simulation, SPD Treatments, Characterization, and Hydrogen Sorption Properties. <i>Molecules</i> , 2019, 24, 89.	1.7	20
89	Low temperature rolling of AZ91 alloy for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 29394-29405.	3.8	19
90	Magnesium-Nickel alloy for hydrogen storage produced by melt spinning followed by cold rolling. <i>Materials Research</i> , 2012, 15, 813-817.	0.6	18

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91	Hydrogen storage properties of MgH ₂ processed by cold forging. Journal of Alloys and Compounds, 2014, 615, S719-S724.	2.8	18
92	Synthesis, characterization and hydrogen sorption properties of a Body Centered Cubic 42Tiâ€“21Vâ€“37Cr alloy doped with Zr7Ni10. Journal of Alloys and Compounds, 2015, 620, 101-108.	2.8	18
93	Nanostructure development in refractory metals: ECAP processing of Niobium and Tantalum using indirect-extrusion technique. International Journal of Refractory Metals and Hard Materials, 2019, 79, 1-9.	1.7	18
94	Effect of ball milling on the first hydrogenation of TiFe alloy doped with 4Åwt% (Zrâ€“+â€“2Mn) additive. Journal of Materials Science, 2018, 53, 13751-13757.	1.7	17
95	Phase transformation in magnesium hydride induced by ball milling. European Journal of Control, 2006, 31, 135-144.	1.6	17
96	Structural, microstructural and hydrogenation characteristics of Ti-V-Cr alloy with Zr-Ni addition. Journal of Alloys and Compounds, 2019, 776, 614-619.	2.8	16
97	Hydrogen Activation Behavior of Commercial Magnesium Processed by Different Severe Plastic Deformation Routes. Materials Science Forum, 2010, 667-669, 1047-1051.	0.3	15
98	Effect of Al presence and synthesis method on phase composition of the hydrogen absorbing Laâ€“Mgâ€“Ni-based compounds. International Journal of Hydrogen Energy, 2017, 42, 30135-30144.	3.8	14
99	Investigation of Effect of Milling Atmosphere and Starting Composition on Mg ₂ FeH ₆ Formation. Metals, 2014, 4, 388-400.	1.0	13
100	Effect of Hafnium Addition on the Hydrogenation Process of TiFe Alloy. Energies, 2019, 12, 3477.	1.6	13
101	Differential Scanning Calorimetry (DSC) and Synchrotron X-ray Diffraction Study of Unmilled and Milled LiBH ₄ : A Partial Release of Hydrogen at Moderate Temperatures. Crystals, 2012, 2, 1-21.	1.0	12
102	Hydrogen storage properties of V _{0.3} Ti _{0.3} Cr _{0.25} Mn _{0.1} Nb _{0.05} high entropy alloy. International Journal of Hydrogen Energy, 2022, 47, 25724-25732.	3.8	12
103	Enhancement of the initial hydrogenation of Mg by ball milling with alkali metal amides MNH ₂ (M = Li) Tj ETQq1 1 0,784314 rgBT /Over El	1.6	11
104	Hydrogen sorption enhancement in cold-rolled and ball-milled CaNi ₅ . Journal of Materials Science, 2017, 52, 11911-11918.	1.7	11
105	Investigation of Crystal Structure, Microstructure, and Hydrogenation Behavior of Heat-Treated Ti ₅₂ V ₁₂ Cr ₃₆ Alloy. ACS Applied Energy Materials, 2020, 3, 794-799.	2.5	11
106	Formation reaction of Mg ₂ FeH ₆ : effect of hydrogen absorption/desorption kinetics. Materials Research, 2013, 16, 1373-1378.	0.6	10
107	Effect of cold rolling on the hydrogen absorption and desorption kinetics of Zircaloy-4. Materials Chemistry and Physics, 2015, 155, 241-245.	2.0	10
108	In-situ neutron diffraction investigation of Mg ₂ FeH ₆ dehydrogenation. International Journal of Hydrogen Energy, 2017, 42, 3087-3096.	3.8	10

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109	Microstructure and Hydrogen Storage Properties of Ti ₁ V _{0.9} Cr _{1.1} Alloy with Addition of x wt % Zr (x =) Tj ETQq1 1 0,784314 19 BT /Over	1.2	19
110	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. Journal of Alloys and Compounds, 2018, 767, 432-438.	2.8	10
111	Influence of Ball Milling, Cold Rolling and Doping (Zrâ€‰%+â€‰%2Cr) on Microstructure, First Hydrogenation Properties and Anti-poisoning Ability of TiFe Alloy. Metals and Materials International, 2021, 27, 1346-1357.	1.8	10
112	Study of the Microstructural and First Hydrogenation Properties of TiFe Alloy with Zr, Mn and V as Additives. Processes, 2021, 9, 1217.	1.3	10
113	Synthesis of Metal Hydrides by Cold Rolling. Materials Science Forum, 0, 570, 33-38.	0.3	9
114	Enhancement of Hydrogen Storage in Metals by Using a New Technique in Severe Plastic Deformations. Key Engineering Materials, 0, 799, 173-178.	0.4	9
115	Replacement of Vanadium by Ferrovandium in Ti-Based BCC Alloys for Hydrogen Storage. Solid State Phenomena, 0, 170, 144-149.	0.3	8
116	Kinetics and Thermodynamics. Green Energy and Technology, 2008, , 471-500.	0.4	7
117	Catalytic effects of pseudo AB ₂ phases on hydrogen sorption. Journal of Alloys and Compounds, 2009, 469, 137-141.	2.8	7
118	Improvement of hydrogen storage properties of magnesium alloys by cold rolling and forging. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012114.	0.3	7
119	Effect of Cold Rolling on the Hydrogen Desorption Behavior of Binary Metal Hydride Powders under Microwave Irradiation. Metals, 2015, 5, 2021-2033.	1.0	7
120	Replacement of Vanadium by Ferrovandium in a Ti-Based Body Centred Cubic (BCC) Alloy: Towards a Low-Cost Hydrogen Storage Material. Applied Sciences (Switzerland), 2018, 8, 1151.	1.3	7
121	Microstructure and First Hydrogenation Properties of TiHfZrNb1âˆ²xV1+x Alloy for x = 0, 0.1, 0.2, 0.4, 0.6 and 1. Molecules, 2022, 27, 1054.	1.7	7
122	Effect of HPT on the First Hydrogenation of LaNi ₅ Metal Hydride. Energies, 2021, 14, 6710.	1.6	6
123	Enhancement of First Hydrogenation of Ti ₁ V _{0.9} Cr _{1.1} BCC Alloy by Cold Rolling and Ball Milling. Materials, 2020, 13, 3106.	1.3	5
124	Microstructure and Hydrogen Storage Properties of the Multiphase Ti _{0.3} V _{0.3} Mn _{0.2} Fe _{0.1} Ni _{0.1} Alloy. Reactions, 2021, 2, 287-300.	0.9	5
125	Effect of Hard Cyclic Viscoplastic Deformation on the Microstructure, Mechanical Properties, and Electrical Conductivity of Cu-Cr Alloy. Journal of Materials Engineering and Performance, 2022, 31, 9690-9702.	1.2	5
126	Equal Channel Angular Pressing. SpringerBriefs in Applied Sciences and Technology, 2016, , 19-26.	0.2	4

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127	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.	3.8	3
128	Ti-based BCC Alloy: Dehydrogenation Characterization Using Synchrotron and Neutron Diffraction. <i>Materials Research</i> , 2016, 19, 8-12.	0.6	3
129	Investigation of dehydrogenation of Ti-V-Cr alloy by using in-situ neutron diffraction. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156130.	2.8	3
130	Hydrogenation of Ti_xFe_{2-x} -based alloys with overstoichiometric Ti ratio ($x=1.1, 1.15$ and 1.2). <i>International Journal of Hydrogen Energy</i> , 2021, , .	3.8	3
131	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.	1.1	3
132	High-Pressure Torsion. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016, , 11-17.	0.2	1
133	Effect of the Addition of 4wt% Zr to BCC Solid Solution Ti52V12Cr36 at Melting/Milling on Hydrogen Sorption Properties. <i>Frontiers in Materials</i> , 2022, 8, .	1.2	1
134	Cold Rolling. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016, , 27-38.	0.2	0