Krystyna Giza

List of Publications by Year
in descending order

26	293	932766 10	887659 17
papers	citations	h-index	g-index

26	26	26	148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Hydrogenation and Corrosion Behaviour of LaNi5-xGex (x = 0.3 and 0.6) Alloys. Energies, 2021, 14, 5285.	1.6	2
2	Influence of the synthesis route on hydrogen sorption properties of La2MgNi7Co2 alloy. International Journal of Hydrogen Energy, 2020, 45, 1492-1498.	3.8	4
3	Communicationâ€"A New Catalytic Application of H₃PMo₁₂O₄₀ in the Performance of Hydride Electrode for Ni-MH Battery. Journal of the Electrochemical Society, 2019, 166, A3332-A3334.	1.3	1
4	The Effect of Welding Methods on the Corrosion Resistance of 304 Stainless Steel Joints. Acta Physica Polonica A, 2019, 135, 232-235.	0.2	4
5	Hydrogen sorption and corrosion properties of La2Ni9CoSn0.2 alloy. International Journal of Materials Research, 2018, 109, 99-104.	0.1	0
6	Evaluation of the influence of Cu2O addition on electrochemical properties of LaNi5 hydrogen storage alloy. Ochrona Przed Korozja, 2018, 1, 4-8.	0.1	2
7	Electrochemical properties of LaNi_{4.2}Co_{0.4}Zn_{0.1}Al_{0.3} and LaNi_{4.3}Co_{0.4}Zn_{0.1}Al_{0.2} alloys as anode materials for Ni-MH batteries. Materialpruefung/Materials Testing, 2017, 59, 598-601.	0.8	1
8	Effect of preparation method of metal hydride electrode on efficiency of hydrogen electrosorption process. International Journal of Materials Research, 2016, 107, 103-108.	0.1	9
9	Preparation and electrochemical properties of La2MgNi8Co1â˜M (M = Al or In; x= 0 or 0.2) hydrogen storage alloys. Journal of Alloys and Compounds, 2015, 645, S490-S495.	2.8	11
10	Hydrogen diffusivity, kinetics of H2O/H2 charge transfer and corrosion properties of LaNi5-powder, composite electrodes in 6ÂM KOH solution. Journal of Solid State Electrochemistry, 2014, 18, 3039-3048.	1.2	25
11	Gas phase hydrogen absorption and electrochemical performance of La2(Ni,Co,Mg,M)10 based alloys. International Journal of Hydrogen Energy, 2014, 39, 2423-2429.	3.8	7
12	Electrochemical preparation of composite coatings of 3,4-etylenodioxythiophene (EDOT) and 4-(pyrrole-1-yl) benzoic acid (PyBA) with heteropolyanions. Materials Chemistry and Physics, 2014, 144, 418-424.	2.0	6
13	Influence of H3PW12O40 on electrochemical properties of LaCo4.8Bi0.2 alloy. Open Chemistry, 2013, 11, 330-334.	1.0	1
14	Electrochemical studies of LaNi4.3Co0.4Al0.3 hydrogen storage alloy. Intermetallics, 2013, 34, 128-131.	1.8	22
15	Evaluation of electrochemical hydrogenation and corrosion behavior of LaNi5-based materials using galvanostatic charge/discharge measurements. International Journal of Hydrogen Energy, 2012, 37, 16817-16822.	3.8	38
16	Thermodynamic and electrochemical hydrogenation properties of LaNi5Ââ˜ÂxInx alloys. International Journal of Hydrogen Energy, 2012, 37, 15850-15854.	3.8	17
17	Determination of hydrogenation ability and exchange current of H2O/H2 system on hydrogen-absorbing metal alloys. Journal of Applied Electrochemistry, 2010, 40, 791-797.	1.5	19
18	Electrochemical characteristics of ZrNi4.8M0.2 alloys in strong alkaline solution. Materials Chemistry and Physics, 2009, 114, 742-745.	2.0	6

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19	Electrochemical hydrogenation and corrosion behaviour of LaCo_{4.8}M_{0.2} alloys. Materials and Corrosion - Werkstoffe Und Korrosion, 2009, 60, 29-33.	0.8	7
20	Hydrogenation behaviour of La0.5R0.5Ni4.8Al0.1Li0.1 (R=La, Ce, Pr or Nd) alloys. International Journal of Hydrogen Energy, 2009, 34, 913-915.	3.8	14
21	Thermodynamical properties of Laâ€“Niâ€“T (T=Mg, Bi and Sb) hydrogen storage systems. Journal of Power Sources, 2008, 181, 38-40.	4.0	28
22	Hydrogen absorption and corrosion resistance of LaNi4.8Al0.2 and LaNi4.8Al0.1Li0.1 alloys. Journal of Alloys and Compounds, 2007, 429, 352-356.	2.8	34
23	Pitting corrosion of ZrNi5â^'xCox alloys in alkaline solution. Materials Chemistry and Physics, 2004, 83, 120-123.	2.0	4
24	Electrochemical corrosion characteristics of ZrNi5â^'xCox alloys. Corrosion Science, 2003, 45, 2055-2062.	3.0	6
25	Hydrogen absorption properties of ZrNi5â^'xCox alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 303, 158-162.	2.6	21
26	Corrosion resistance of the Feî—¸Alî—¸C permanent magnet alloy. Intermetallics, 1998, 6, 357-362.	1.8	4