

Nahla Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

581
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and decomposition of Mg ₂ FeH ₆ prepared by reactive milling. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 108, 28-32.	3.5	87
2	Hydrogenation and its effect on the crystallisation behaviour of Zr ₅₅ Cu ₃₀ Al ₁₀ Ni ₅ metallic glass. Journal of Alloys and Compounds, 2000, 298, 146-152.	5.5	52
3	Self-Organized TiO ₂ /CoO Nanotubes as Potential Anode Materials for Lithium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2015, 3, 909-919.	6.7	50
4	Anodically fabricated TiO ₂ SnO ₂ nanotubes and their application in lithium ion batteries. Journal of Materials Chemistry A, 2016, 4, 5542-5552.	10.3	46
5	Effect of hydrogen on Zr ₆₅ Cu _{17.5} Al _{7.5} Ni ₁₀ metallic glass. Journal of Alloys and Compounds, 2001, 314, 170-176.	5.5	38
6	Reduced graphene oxide doped with Ni/Pd nanoparticles for hydrogen storage application. Journal of Industrial and Engineering Chemistry, 2015, 30, 328-335.	5.8	38
7	Synthesis and characterization of layered FePS ₃ for hydrogen uptake. International Journal of Hydrogen Energy, 2010, 35, 7827-7834.	7.1	31
8	Photocatalytic activity of hyperbranched polyester/TiO ₂ nanocomposites. Applied Catalysis A: General, 2014, 472, 191-197.	4.3	31
9	Hydrogen evolution reaction of low carbon steel electrode in hydrochloric acid as a source for hydrogen production. International Journal of Hydrogen Energy, 2009, 34, 91-97.	7.1	29
10	A novel photoelectrode from TiO ₂ -WO ₃ nanoarrays grown on FTO for solar water splitting. Electrochimica Acta, 2014, 150, 314-319.	5.2	29
11	Synthesis of NiPS ₃ and CoPS and its hydrogen storage capacity. Journal of Alloys and Compounds, 2014, 588, 573-577.	5.5	29
12	Effects of electrochemical hydrogenation of Zr-based alloys with high glass-forming ability. Intermetallics, 2002, 10, 1207-1213.	3.9	27
13	Synthesis and characterization of MnPS ₃ for hydrogen sorption. Journal of Solid State Chemistry, 2010, 183, 984-987.	2.9	24
14	Hydrogen storing and electrical properties of hyperbranched polymers-based nanoporous materials. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1184-1189.	3.5	16
15	Facile one-step process for synthesis of vertically aligned cobalt oxide doped TiO ₂ nanotube arrays for solar energy conversion. Journal of Solid State Electrochemistry, 2015, 19, 3019-3026.	2.5	16
16	Synthesis and characterization of titanosilicates from white sand silica and its hydrogen uptake. International Journal of Hydrogen Energy, 2010, 35, 10359-10365.	7.1	14
17	Hydrogenation of Zr-Cu-Al-Ni-Pd metallic glasses by electrochemical means. Journal of Alloys and Compounds, 2009, 480, 321-324.	5.5	11
18	Poly phenylenediamine and its TiO ₂ composite as hydrogen storage material. Materials Chemistry and Physics, 2011, 128, 507-513.	4.0	8

#	ARTICLE	IF	CITATIONS
19	Characterising layered structure of MgPS ₃ and new application as a hydrogen storage material. International Journal of Nanoparticles, 2011, 4, 326.	0.3	5