

Pau Solsona

List of Publications by Year in descending order

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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocasting synthesis of mesoporous SnO ₂ with a tunable ferromagnetic response through Ni loading. RSC Advances, 2016, 6, 104799-104807.	3.6	16
2	Nanocasting of Mesoporous In TM (TM = Co, Fe, Mn) Oxides: Towards 3D Diluted TM Oxide Magnetic Semiconductor Architectures. Advanced Functional Materials, 2013, 23, 900-911.	14.9	38
3	Improved mechanical performance and delayed corrosion phenomena in biodegradable Mg ^{Ca} –Zn ^{Ca} alloys through Pd-alloying. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 6, 53-62.	3.1	72
4	Influence of the Concentration of CO ₂ and SO ₂ on the Absorption of CO ₂ by a Lithium Orthosilicate-Based Absorbent. Environmental Science & Technology, 2011, 45, 7083-7088.	10.0	69
5	Influence of the preparation method on the morphology of templated NiCo ₂ O ₄ spinel. Journal of Nanoparticle Research, 2011, 13, 3671-3681.	1.9	9
6	Magnetic Measurements as a Sensitive Tool for Studying Dehydrogenation Processes in Hydrogen Storage Materials. Journal of Physical Chemistry C, 2010, 114, 16818-16822.	3.1	3
7	Direct hydriding of Mg ₈₇ Al ₇ Ni ₃ Mn ₃ by reactive mechanical milling in hydrogen atmosphere and influence of particle size on the dehydriding reaction. Journal of Alloys and Compounds, 2005, 388, 98-103.	5.5	20
8	Electrochemical properties of nanocrystalline Mg ₂ Ni-type alloys prepared by mechanical alloying. Journal of Alloys and Compounds, 2005, 404-406, 682-686.	5.5	17
9	Hydriding/dehydriding properties of nanocrystalline Mg ₈₇ Ni ₃ Al ₃ M ₇ (M=Ti, Mn, Ce, La) alloys prepared by ball milling. Journal of Alloys and Compounds, 2005, 398, 139-144.	5.5	30
10	Thermodynamic properties and absorption ^{desorption} kinetics of Mg ₈₇ Ni ₁₀ Al ₃ alloy synthesised by reactive ball milling under H ₂ atmosphere. Journal of Alloys and Compounds, 2005, 404-406, 27-30.	5.5	20
11	Hydriding/dehydriding of Mg ₈₇ Ni ₃ Al ₃ M ₇ (M=La, Ce-rich mischmetal) alloy produced by mechanical milling. Journal of Alloys and Compounds, 2005, 403, 363-367.	5.5	5
12	Evolution of amorphous and nanocrystalline phases in mechanically alloyed Mg _{1.9} M _{0.1} Ni (M=Ti,Zr,V). Journal of Alloys and Compounds, 2004, 381, 66-71.	5.5	17
13	Optimisation of the ball-milling and heat treatment parameters for synthesis of amorphous and nanocrystalline Mg ₂ Ni-based alloys. Journal of Alloys and Compounds, 2003, 349, 242-254.	5.5	36
14	Synthesis and hydrogen sorption properties of nanocrystalline Mg _{1.9} M _{0.1} Ni (M=Ti, Zr, V) obtained by mechanical alloying. Journal of Alloys and Compounds, 2003, 356-357, 639-643.	5.5	19
15	Nanocrystallization in Mg ₈₃ Ni ₁₇ xY _x (x=0, 7.5) amorphous alloys. Journal of Alloys and Compounds, 2002, 345, 123-129.	5.5	27
16	Microcavity effect on dye impregnated porous silicon samples. EPJ Applied Physics, 1999, 7, 59-63.	0.7	10
17	Improvement of the luminescence in p-type as-prepared or dye impregnated porous silicon microcavities. Journal of Luminescence, 1998, 80, 129-132.	3.1	50