

Vesselina Rangelova

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

182
citations

1684188

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1372567

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10
docs citations

10
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocrystallization and hydrogen storage in rapidly solidified Mg-Ni-RE alloys. Journal of Alloys and Compounds, 2002, 334, 219-223.	5.5	100
2	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
3	Primary crystallization kinetics in rapidly quenched Mg-based Mg-Ni-Y alloys. Journal of Alloys and Compounds, 2002, 345, 148-154.	5.5	17
4	Hydrogen Gas Phase and Electrochemical Hydriding of LaNi ₅ -xM _x (M = Sn, Co, Al) Alloys. Materials, 2021, 14, 14.	2.9	15
5	Mesoporous cauliflower-like CuO/Cu(OH) ₂ hierarchical structures as an excellent catalyst for ammonium perchlorate thermal decomposition. Materials Letters, 2021, 291, 129534.	2.6	7
6	Nanocrystallization of hydrogen-charged Mg ₇₆ Ni ₁₉ Y ₅ amorphous alloy. Journal of Thermal Analysis and Calorimetry, 2004, 75, 373-378.	3.6	4
7	Synthesis and hydrogen adsorption in Cu-based coordination framework materials. Scripta Materialia, 2008, 58, 118-121.	5.2	4
8	Effect of hydrogen induced decrepitation on the hydrogen sorption properties of MmNi ₅ . International Journal of Electrochemical Science, 2020, , 4900-4907.	1.3	3
9	Hydriding properties of amorphous Ni-B alloy studied by DSC and thermogravimetry. Thermochemical Acta, 1999, 326, 69-73.	2.7	1
10	Influence of Milling Conditions on the Behavior of AB ₅ -Type Materials as Metal Hydride Electrodes. Journal of Nanomaterials, 2019, 2019, 1-5.	2.7	1