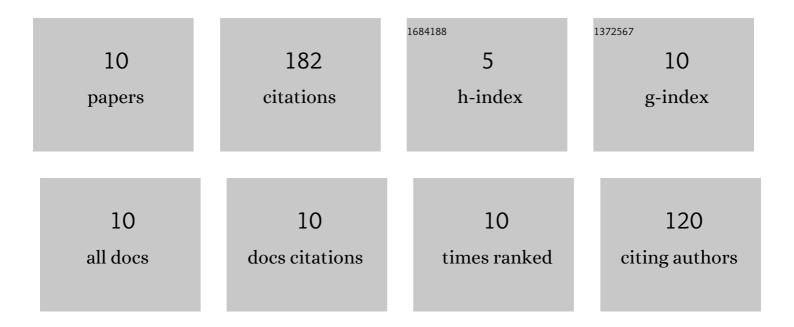
## Vesselina Rangelova

List of Publications by Year in descending order

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#	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 Mg87Ni3Al3M7 (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 LaNi5â^'xMx (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 Mg76Ni19Y5amorphous 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 MmNi5. International Journal of Electrochemical Science, 2020, , 4900-4907.	1.3	3
9	Hydriding properties of amorphous Ni–B alloy studied by DSC and thermogravimetry. Thermochimica Acta, 1999, 326, 69-73.	2.7	1
10	Influence of Milling Conditions on the Behavior of AB <sub>5</sub> -Type Materials as Metal Hydride Electrodes. Journal of Nanomaterials, 2019, 2019, 1-5.	2.7	1