

# Adám Rácvás

## List of Publications by Year in descending order

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13  
papers

335  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and hydrogen storage characterization of nanocrystalline magnesium synthesized by ECAP and catalyzed by different nanotube additives. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 884-893.	3.3	3
2	Microstructural and morphological investigations on Mg-Nb <sub>2</sub> O <sub>5</sub> -CNT nanocomposites processed by high-pressure torsion for hydrogen storage applications. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7917-7928.	7.1	21
3	Severe Plastic Deformation of Amorphous Alloys. <i>Materials Transactions</i> , 2019, 60, 1283-1293.	1.2	35
4	Dehydrogenation-hydrogenation characteristics of nanocrystalline Mg <sub>2</sub> Ni powders compacted by high-pressure torsion. <i>Journal of Alloys and Compounds</i> , 2017, 702, 84-91.	5.5	45
5	Characterization of a nanocrystalline Mg-Ni alloy processed by high-pressure torsion during hydrogenation and dehydrogenation. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9803-9809.	7.1	19
6	Hydrogen storage of nanocrystalline Mg-Ni alloy processed by equal-channel angular pressing and cold rolling. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 9911-9917.	7.1	44
7	Microstructural evolution of ball-milled Mg-Ni powder during hydrogen sorption. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 8342-8349.	7.1	27
8	Microstructural evolution of ball-milled MgH <sub>2</sub> during a complete dehydrogenation-hydrogenation cycle. <i>Journal of Power Sources</i> , 2010, 195, 6997-7002.	7.8	24
9	High pressure torsion of binary Cu <sub>64.5</sub> Zr <sub>35.5</sub> alloy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 1185-1189.	1.8	2
10	Structural anisotropy in a Zr <sub>57</sub> Ti <sub>5</sub> Cu <sub>20</sub> Al <sub>10</sub> Ni <sub>8</sub> bulk metallic glass deformed by high pressure torsion at room temperature. <i>Applied Physics Letters</i> , 2008, 92, 011910.	3.3	49
11	Partial amorphization of a Cu-Zr-Ti alloy by high pressure torsion. <i>Journal of Applied Physics</i> , 2006, 100, 103522.	2.5	44
12	Preparation and magnetic properties of nanosized amorphous ternary Fe-Ni-Co alloy powders. <i>Journal of Materials Research</i> , 2000, 15, 332-337.	2.6	20
13	Hydrogenation of Nanocrystalline Mg <sub>2</sub> Ni Alloy Prepared by High Energy Ball-Milling Followed by Equal-Channel Angular Pressing or Cold Rolling. <i>Advances in Science and Technology</i> , 0, , .	0.2	2