

# Sanja Milošević Govedarović

## List of Publications by Year in descending order

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docs citations

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times ranked

352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast hydrogen sorption from MgH <sub>2</sub> –VO <sub>2</sub> (B) composite materials. Journal of Power Sources, 2016, 307, 481-488.	4.0	70
2	The simple one-step solvothermal synthesis of nanostructured VO <sub>2</sub> (B). Ceramics International, 2012, 38, 2313-2317.	2.3	27
3	Influence of VO <sub>2</sub> nanostructured ceramics on hydrogen desorption properties from magnesium hydride. Ceramics International, 2013, 39, 51-56.	2.3	25
4	Assessment of changes in desorption mechanism of MgH <sub>2</sub> after ion bombardment induced destabilization. International Journal of Hydrogen Energy, 2012, 37, 6727-6732.	3.8	24
5	Microstructure and hydrogen storage properties of MgH <sub>2</sub> –TiB <sub>2</sub> –SiC composites. Ceramics International, 2013, 39, 4399-4405.	2.3	24
6	Hydrogen desorption properties of MgH <sub>2</sub> /LiAlH <sub>4</sub> composites. International Journal of Hydrogen Energy, 2013, 38, 12152-12158.	3.8	24
7	Influence of Defects on the Stability and Hydrogen Sorption Behavior of Mg-Based Hydrides. ChemPhysChem, 2019, 20, 1216-1247.	1.0	22
8	In-situ and Real-time Monitoring of Mechanochemical Preparation of Li <sub>2</sub> Mg(NH <sub>2</sub> BH <sub>3</sub> ) <sub>4</sub> and Na <sub>2</sub> Mg(NH <sub>2</sub> BH <sub>3</sub> ) <sub>4</sub> and Their Thermal Dehydrogenation. Chemistry - A European Journal, 2017, 23, 16274-16282.	1.7	21
9	Influence of ageing of milled clay and its composite with TiO <sub>2</sub> on the heavy metal adsorption characteristics. Ceramics International, 2015, 41, 5129-5137.	2.3	18
10	Hydrogen desorption properties of MgH <sub>2</sub> catalysed with NaNH <sub>2</sub> . International Journal of Hydrogen Energy, 2013, 38, 12223-12229.	3.8	13
11	Catalytic activity of titania polymorphs towards desorption reaction of MgH <sub>2</sub> . International Journal of Hydrogen Energy, 2016, 41, 4703-4711.	3.8	12
12	The influence of mechanical milling parameters on hydrogen desorption from MgH <sub>2</sub> -W <sub>2</sub> O <sub>3</sub> composites. International Journal of Hydrogen Energy, 2020, 45, 7901-7911.	3.8	11
13	High performance of solvothermally prepared VO <sub>2</sub> (B) as anode for aqueous rechargeable lithium batteries. Journal of the Serbian Chemical Society, 2015, 80, 685-694.	0.4	8
14	Changes in kinetic parameters of decomposition of MgH <sub>2</sub> destabilized by irradiation with C <sup>2+</sup> ions. International Journal of Hydrogen Energy, 2013, 38, 12199-12206.	3.8	6
15	Changes in Storage Properties of Hydrides Induced by Ion Irradiation. Medziagotyra, 2013, 19, .	0.1	2
16	Determination of surface functional groups on mechanochemically activated carbon cloth by Boehm method. Tehnika, 2014, 69, 367-372.	0.0	0