

# Brianna Bosch-Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

113  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Gd <sub>2</sub> O <sub>3</sub> nanoparticles studied by hyperfine interactions and magnetization measurements. AIP Advances, 2016, 6, .	1.3	23
2	Magnetic hyperfine field at highly diluted Ce impurities in the antiferromagnetic compound GdRh <sub>2</sub> Si <sub>2</sub> studied by perturbed gamma-gamma angular correlation spectroscopy. Journal of Alloys and Compounds, 2012, 515, 44-48.	5.5	21
3	Crystalline and magnetic properties of CoO nanoparticles locally investigated by using radioactive indium tracer. Scientific Reports, 2021, 11, 21028.	3.3	11
4	Effect of Ge substitution for Si on the magnetic hyperfine field in LaMn <sub>2</sub> Si <sub>2</sub> compound measured by perturbed angular correlation spectroscopy with <sup>140</sup> Ce as probe nuclei. Journal of Applied Physics, 2013, 113, 17E124.	2.5	10
5	Magnetic behavior of LaMn <sub>2</sub> (Si <sub>1-x</sub> Gex) <sub>2</sub> compounds characterized by magnetic hyperfine field measurements. Journal of Applied Physics, 2014, 115, 17E124.	2.5	10
6	Synthesis and atomic scale characterization of Er <sub>2</sub> O <sub>3</sub> nanoparticles: enhancement of magnetic properties and changes in the local structure. Nanotechnology, 2018, 29, 205704.	2.6	9
7	The magnetic behavior of the intermetallic compound NdMn <sub>2</sub> Ge <sub>2</sub> studied by magnetization and hyperfine interactions measurements. Journal of Applied Physics, 2015, 117, 17E304.	2.5	8
8	Magnetic hyperfine interactions on Cd sites of the rare-earth cadmium compounds $R\text{Cd}$	3.2	7
9	Study of the magnetic properties of GdZn compound using PAC spectroscopy with <sup>140</sup> Ce and <sup>111</sup> Cd as probe nuclei. Hyperfine Interactions, 2010, 197, 105-109.	0.5	5
10	Effect of the magnetic impurity on the charge diffusion in highly dilute Ce doped LaMnO <sub>3</sub> . AIP Advances, 2020, 10, 015223.	1.3	3
11	Effects of an external magnetic field on the hyperfine parameters in RE <sub>2</sub> O <sub>3</sub> (RE = Gd, Er) nanoparticles measured by perturbed angular correlation spectroscopy. AIP Advances, 2020, 10, 015039.	1.3	2
12	Magnetic and structural properties of the intermetallic Ce <sub>1-x</sub> La <sub>x</sub> CrGe <sub>3</sub> series of compounds. Physical Review Materials, 2021, 5, .	2.4	2
13	Study of electric quadrupole interactions at <sup>111</sup> Cd on Zn sites in RZn (R = Ce, Gd, Tb, Dy) compounds using the PAC spectroscopy. Hyperfine Interactions, 2013, 221, 59-64.	0.5	1
14	Magnetic field at Ce impurities in La sites of La <sub>0.5</sub> Ba <sub>0.5</sub> MnO <sub>3</sub> double perovskites. AIP Advances, 2019, 9, .	1.3	1