

# Bhagya Uthaman

## List of Publications by Year in descending order

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10  
papers

116  
citations

1684188

5  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the Structural Transitions and Magnetocaloric Response in Gd <sub>5</sub> Si <sub>1.7</sub> Ge <sub>2.3</sub> Alloys Through Cobalt Addition. IEEE Transactions on Magnetism, 2019, 55, 1-11.	2.1	1
2	Influence of Fe addition on the microstructure, magnetic properties and magnetocaloric behavior of Gd <sub>5</sub> Si <sub>1.7</sub> Ge <sub>2.3</sub> . Intermetallics, 2019, 115, 106629.	3.9	3
3	Magnetocaloric effect and critical behavior study in NiMnSnIn Heusler alloys. Intermetallics, 2018, 100, 116-125.	3.9	2
4	Structural, dielectric and impedance spectroscopy studies in Co doped La <sub>0.7</sub> Te <sub>0.3</sub> MnO <sub>3</sub> . AIP Conference Proceedings, 2018, , .	0.4	1
5	Observation of short range ferromagnetic interactions and magnetocaloric effect in cobalt substituted Gd <sub>5</sub> Si <sub>2</sub> Ge <sub>2</sub> . Physical Chemistry Chemical Physics, 2017, 19, 12282-12295.	2.8	13
6	Martensitic transition, spin glass behavior and enhanced exchange bias in Si substituted Ni <sub>50</sub> Mn <sub>36</sub> Sn <sub>14</sub> Heusler alloys. RSC Advances, 2016, 6, 32037-32045.	3.6	19
7	Effect of Nd Substitution on the Structural and Magnetocaloric Properties of Gd <sub>5</sub> Si <sub>2</sub> Ge <sub>2</sub> . Materials Science Forum, 2015, 830-831, 501-504.	0.3	0
8	Tuning the structural and magnetocaloric properties of Gd <sub>5</sub> Si <sub>2</sub> Ge <sub>2</sub> with Nd substitution. Journal of Applied Physics, 2015, 117, 013910.	2.5	11
9	Magnetocaloric properties, exchange bias, and critical behavior of Ge substituted Ni <sub>50</sub> Mn <sub>36</sub> Sn <sub>14</sub> Heusler alloys. Journal of Applied Physics, 2015, 117, .	2.5	28
10	Structural properties, magnetic interactions, magnetocaloric effect and critical behaviour of cobalt doped La <sub>0.7</sub> Te <sub>0.3</sub> MnO <sub>3</sub> . RSC Advances, 2015, 5, 86144-86155.	3.6	38