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**Composite Materials** 

Advances in Production Engineering & Management 10 (4), 195-208

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Citations	82	67
h-index	4	4
i10-index	2	1

TITLE	CITED BY	YEAR
Influence of strain rate and strain at temperature on TRIP effect in a metastable austenitic stainless steel JVT Kumar, J Sudha, KA Padmanabhan, AV Frolova, VV Stolyarov Materials Science and Engineering: A 777, 139046	1	2020
Optimization and characterization of friction stir welded NAB alloy using multi criteria decision making approach S Siva, S Sampathkumar, J Sudha, S Tamilprabakaran Materials Research Express 6 (8), 0865d4	1	2019
On the tensile behaviour of coarse and ultrafine grained NiTi TK JV, S Jayaprakasam, KA Padmanabhan, AA Misochenko, Materials Characterization 149, 41-51	3	2019
Microstructure and Mechanical Properties of Exothermic-Reaction-Assisted Friction-Stir-Welded Nickel-Aluminum Bronze Alloy S Siva, S Sampathkumar, J Sudha Journal of Materials Engineering and Performance, 1-15	1	2019
Microstructure Evolution and Mechanical Behavior in Coarse Grained and Nanostructured Shape Memory TiNi Alloy: A Comparative Study AA Misochenko, JV Tilak, J Sudha, KA Padmanabhan, V Stolyarov 13th International Conference on Superplasticity in Advanced Materials ICSAM		2018
Effect of process parameters on microstructure and mechanical properties of friction stir welded cast nickel aluminum bronze alloy (C95800) S Selvaraju, S Senthamaraikannan, S Jayaprakasham, AR Madiq Materials Research 21 (3)	4	2018
Microstructure Evolution and Mechanical Behavior in Shape Memory Nanostructured TiNi Alloy A Misochenko, JV Tilak Kumar, S Jayaprakasam, KA Padmanabhan, Defect and Diffusion Forum 385, 169-174	5	2018
Experimental Study of Delamination in GFRP during Drilling using Single AE Sensor J Sudha, S Sampathkumar Journal of Advanced Engineering Research 5 (2), 62-65		2018
A grey-fuzzy approach for optimizing machining parameters and the approach angle in turning AISI 1045 steel  N Senthilkumar, J Sudha, V Muthukumar	າ 36	2015

TITLE	CITED BY	YEAR
Study of the influence of cutting condition and delamination on AE parameters during drilling of GFRP composites J Sudha, S Sampathkumar Insight-Non-Destructive Testing and Condition Monitoring 57 (11), 620-624	1	2015
Comparative Study of Impact Properties of Coir &Aloe Vera Based Composites With GFRP J Sudha, RR HarishKumarPadmakumar, NM SheelaRamaniG Vol10, 20517-20528	3	2015
Condition monitoring of delamination during drilling of GFRP composites using the acoustic emission technique a neural network model J Sudha, S Sampathkumar, RK Kumar Insight-Non-Destructive Testing and Condition Monitoring 53 (8), 445-449	3 8	2011
AE waveform analysis of delamination in GFRP composite materials during drilling AJ Sudha, BS Sampathkumar, CA Vijaya International Journal of Engineering and Technology 1 (1), 63-66	19	2009

Monitoring of delamination during drilling of gfrp composites through acoustic emission and ultrasonic technique

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