

## Thangapandian N

Department of Mechanical Engineering, St Joseph's Institute of Technology Severe plastic deformation

GET MY OWN PROFILE			
	All	Since 2015	
Citations	70	70	
h-index	4	4	
i10-index	1	1	

TITLE	CITED BY	YEAR
Thermal transport properties of carbon-assisted phase change nanocomposite SC Kim, R Prabakaran, D Sakthivadivel, N Thangapandian, A Bhatia, Fullerenes, Nanotubes and Carbon Nanostructures 28 (11), 925-933	1	2020
Effect of temperature on grain size in AA6063 aluminum alloy subjected to repetitive corrugation and straightening N Thangapandian, SB Prabu, KA Padmanabhan Acta Metallurgica Sinica (English Letters) 32 (7), 835-844	7	2019
Effect of Combined Repetitive Corrugation and Straightening and Rolling on the Microstructure and Mechanical Properties of Pure Aluminum N Thangapandian, SB Prabu Metallography, Microstructure, and Analysis 6 (6), 481-488	1	2017
On the Role of Experimental Variables in the Repetitive Corrugation and Straightening of an Al-Mg Alloy N Thangapandian, SB Prabu, KA Padmanabhan Procedia Engineering 207, 1457-1462	2	2017
Effect of Pressing Speed on Al-Mg-Si Aluminium Alloy Processed by Repetitive Corrugation and Straightening N Thangapandian, SB Prabu Indian Journal of Science and Technology 9, 1		2016
Effect of temperature and velocity of pressing on grain refinement in AA5083 aluminum alloy during repetitive corrugation and straightening process N Thangapandian, SB Prabu, KA Padmanabhan Metallurgical and Materials Transactions A 47 (12), 6374-6383	8	2016
Effects of die profile on grain refinement in Al–Mg alloy processed by repetitive corrugation and straightening N Thangapandian, SB Prabu, KA Padmanabhan Materials Science and Engineering: A 649, 229-238	44	2016
The role of corrugation die parameters on the mechanical properties of aluminum alloy (AA 5083) processed by repetitive corrugation and straightening N Thangapandian Journal of Materials Science and Chemical Engineering 3 (07), 208	7	2015
Synthesis and Characterization of High Performance Polymer Nanocomposite Using Carbon Nanotubes as Fillers N Thangapandian, S Balasivanandha Prabu, R Paskaramoorthy International Manufacturing Science and Engineering Conference 55454		2013

TITLE CITED BY YEAR

Experimental and numerical study of repetitive corrugation and straightening on AA 5052 AA 6063 aluminium alloys

2008

SBP N.Thangapandian Anna University, Chennai