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Title	Year
Mechanical Behavior of Synthetic/Natural Fibers in Hybrid Composites	
N Rajesh Jesudoss Hynes, R Sankaranarayanan, J Senthil Kumar,	2020
Hybrid Fiber Composites: Materials, Manufacturing, Process Engineering, 129-146	
Solid-state hydrides for hydrogen storage	
NRJ Hynes, R Sankaranarayanan, PS Kannan, A Khan, AAP Khan,	2020
Nanomaterials for Hydrogen Storage Applications, 249-264	
Investigation on friction stud welded AMC/AISI 304 steel joints with ceramic	
intercoating	2020
R Tharmaraj, NRJ Hynes, PS Velu	2020
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Aerva lanata flowers extract as green corrosion inhibitor of low-carbon steel in HCl	
solution: an in vitro study	2020
NRJ Hynes, RM Selvaraj, T Mohamed, AM Mukesh, K Olfa, MP Nikolova	2020
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Low-speed friction riveting: a new method for joining polymer/metal hybrid	
structures for aerospace applications	2020
NRJ Hynes, NJ Vignesh, PS Velu	2020
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Modern enabling techniques and adsorbents based dye removal with sustainability	
concerns in textile industrial sector-A comprehensive review	2020
NRJ Hynes, JS Kumar, H Kamyab, JAJ Sujana, OA Al-Khashman, Y Kuslu,	2020
Journal of cleaner production, 122636	
Review on recent developments in braille system	
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JAJ Sujana, NJ Vignesh, NRJ Hynes, DJJ Jebaraj, R Sankaranarayanan	2020
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Mechanical behavioural testing of fibre metal laminate composites	
J Jerome, NRJ Hynes, R Sankaranarayanan	2020
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Risk assessment of corrosion inhibitors of magnesium and its alloys	
JA Winston, NRJ Hynes, R Sankaranarayanan	2020
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Eco-friendly glycol based nano cutting fluids for manufacturing sectors	2020
M Kumaresh, NRJ Hynes, R Sankaranarayanan	2020

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Biodegradable cutting fluids for manufacturing processes	
V Sharan, N Hynes, R Sankaranarayanan	2020
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Mechanical and tribological characteristics of boron carbide reinforcement of	
AA6061 matrix composite	
NRJ Hynes, S Raja, R Tharmaraj, CI Pruncu, D Dispinar	2020
Journal of the Brazilian Society of Mechanical Sciences and Engineering 42	
Influence of heat treatment on friction-welded joints made of high-carbon high-	
chromium tool steel/low-carbon steel for tooling applications	
TP Rajendran, NRJ Hynes, MP Nikolova, T Christopher, D Nikolov	2020
Journal of the Brazilian Society of Mechanical Sciences and Engineering 42	
Prediction and optimization of surface roughness in thermal drilling using integrated	
ANFIS and GA approach	
11	2020
R Kumar, NRJ Hynes Engineering Science and Technology on International Journal 23 (1), 30, 41	
Engineering Science and Technology, an International Journal 23 (1), 30-41	<u> </u>
Simulation of thermo-mechanical behaviour of friction drilling process	2020
R Kumar, NRJ Hynes, A Khan	2020
International Journal of Computational Materials Science and Surface	
Surface Characteristics When Solid State Welding of Aluminium Alloys to	
Magnesium Alloys	2020
PS Velu, NJ Vignesh, NRJ Hynes	
Surface Engineering of Modern Materials, 81-101	
Self-repairing fiber polymer composites: mechanisms and properties	2020
R Kumar, NRJ Hynes, P Senthamaraikannan, A Khan, SM Rangappa,	2020
Self-Healing Composite Materials, 71-85	
Concept of self-repair and efficiency measurement in polymer matrix composites	
R Kumar, NRJ Hynes, SS Saravanakumar, P Senthamaraikannan,	2020
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PS Velu, NRJ Hynes, NJ Vignesh	2019
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Multi-objective optimization of green technology thermal drilling process using	
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