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S. No	Title	Authors	Name of the Journal	Year (YY/MM/DD)
1.	Finite element analysis in additive manufactured customised bone scaffold	S Rashia Begum, G Arumaikkannu	Biomedical Research	2015
2	Computational fluid dynamic analysis and additive manufacturing of customised bone scaffolds	S Rashia Begum, G Arumaikkannu	Progress in Computational Fluid Dynamics, an International Journal	2015
3	Computational fluid dynamic analysis and additive manufacturing of customised bone scaffolds	S Rashia Begum, G Arumaikkannu	Progress in Computational Fluid Dynamics, an International Journal	2015
4	Influence of stir casting parameters on particle distribution in metal matrix composites using stir casting process	M Saravana Kumar, S Rashia Begum, M Vasumathi	Materials Research Express	2019/9/11
5	Experimental Investigation of effect of particles size and cutting passes in abrasive water jet machining process on titanium alloy (Ti-6Al-4V) using Taguchi's methodING PROCESS ...	S. Rashia Begum and M. Vasumathi K. Umanath, D. Devika	Interciencia	2020
6	Applying visualization techniques to study the fluid flow pattern and the particle distribution in the casting of metal matrix composites	Saravana kumar M, .Rashia Begum S, Vasumathi M, Nimel Sworna Ross K	Journal of Manufacturing Processes	2020



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7	Simulation of Particle Distribution in Stir Casting Process using Glycerol-Water Based Model	M Saravana kumar, S.Rashia Begum, M Vasumathi	Interiencia	2020
8	Improved Corrosion Resistance of Carbon Reinforced Aluminium Laminates in Atmospheric Environment: Role of Environment Friendly Jute Fibre/Alumina nano Coating	M Vasumathi, Vela Murali, S Rashia Begum, N Rajendran, DHARMESH B SANKHAVARA, JALPA CHOPDA, JIGNESH P PATEL, PH PARSANIA, KRISHAN KUMAR PATEL, RAJESH PUROHIT, SAURABH SAXENA, PRATEEK MALIK, GEETHA SESHADRI, AJAY K TYAGI, UTTAM KUMAR MANDAL, KAZIM SHAMIM RIZVI, PK DUTTA, CHUNYAN LIU, YUNHE LIU, ZIHAN PAN, QIUTING LI, HAN XU, TAO LIU	Journal of Polymer Materials	2019/1/1