S.No	Author(s)	Paper Title	Name of Journal	Year
1.	PA T Mohanraj, S Shankar, R Rajasekar, NR Sakthivel	Tool condition monitoring techniques in milling process - a review	Journal of Materials Research and Technology	2020
2.	GV Kaliyannan, SV Palanisamy, R Rathanasamy, M Palanisamy	Influence of ultrathin gahnite anti-reflection coating on the powerconversion efficiency of polycrystal	Journal of Materials Science: Mate 2308-2319	2020
3.	V Kaliyannan, SV Palanisamy, EB Priyanka, S Thangavel, S Sivaraj	Investigation on sol-gel based coatings a Areview	ctor– Materials Today: Proceedings	2020
4.	T Mohanraj, S Shankar, R Rajasekar, MS Uddin	Design, development, calibration, and testing of indigenously developedstrain gauge based dynamometer for cutting force measurement in themilling process	Journal of Mechanical Engineering 6594-6609	2020
5.	R Sachin, S.R., Kannan, T.K. and Rajasekar	Effect of wood particulate size on the mechanical properties of PLAbiocomposite	Pigment & Resin Technology	2020
6.	C Moganapriya, R Rajasekar, PS Kumar, T Mohanraj, VK Gobinath	Analysing Machining Effectiveness for AISI 1015 structural steel throughcoated inserts and grey-fuzzy coupled Taguchi optimization approach	Structural and Multidisciplinary Optimization, 1-18	2020
7.	Palaniappan, Sathish Kumar, Samir Kumar Pal, Rajasekar Rathanasamy	Experimental Investigations in the Drilling of Hybrid Fiber Composites	*Hybrid Fiber Composites: Materials, Manufacturing, Process*	2020

			Engineering (2020): 69-85	
8.	Kaliyannan, Gobinath Velu, Senthil Velmurugan Palanisamy, Rajasekar Rathanasamy, Manivasakan Palanisamy, Nithyavathy Nagarajan, Santhosh Sivaraj, and Manju Sri Anbupalani.	An Extended Approach on Power Conversion Efficiency Enhancement Through Deposition of ZnS-Al 2 S 3 Blends on Silicon Solar Cells	*Journal of Electronic Materials* 49, no. 10 (2020): 5937-5946.	2020
9.	Hari, B. S., Mahesh Kumar KV, K. Krishnamurthy, V. K. Gobinath, R. Sachinbala, and R. Rajasekar	Influence of graphene oxide on the morphological and mechanical behaviour of compatibilized low density polyethylene nanocomposites.	*Materials Today: Proceedings*	2020
10.	Kumar, Harikrishna Kumar Mohan, Shankar Subramaniam, Rajasekar Rathanasamy, Samir Kumar Pal, and Sathish Kumar Palaniappan	Substantial reduction of carbon black and balancing the technical properties of styrene butadiene rubber compounds using nanoclay	*Journal of Rubber Research* 23, no. 2 (2020): 79-87.	2020
11.	Bhaskaran, Priyanka E., Thangavel Subramaniam, Gobinath Velu Kaliyannan, Sathish Kumar Palaniappan, and Rajasekar Rathanasamy	Green Adhesive for Industrial Applications	*Green Adhesives: Preparation, Properties and Applications* (2020): 57-84.	2020
12.	Palaniappan, Sathish Kumar, Moganapriya Chinnasamy, Rajasekar Rathanasamy, and Samir Kumar Pal	Synthetic Binders for Polymer Division.	*Green Adhesives: Preparation, Properties and Applications* (2020): 227-272.	2020
13.	Kandasamy, Suganeswaran, Parameshwaran Rathinasamy, Nithyavathy Nagarajan, Karthik Arumugam, Rajasekar Rathanasamy, and Gobinath Velu Kaliyannan	Corrosion behavioral studies on AA7075 surface hybrid composites tailored through friction stir processing	*Anti-Corrosion Methods and Materials*	2020
14.	Kaliyannan, Gobinath Velu, Mahesh Kumar Karavalasu Velusamy, Sathish Kumar Palaniappan, Mohan Kumar Anandraj, and Rajasekar Rathanasamy	Polymer Coatings for Corrosive Protection.	*Polymers Coatings: Technology and Applications* (2020): 371.	2020
15.	Kaliyannan, Gobinath Velu, Mahesh Kumar Karavalasu Velusamy, Sathish Kumar	Polymer Coatings for Corrosive Protection	*Polymers Coatings: Technology and Applications* (2020):	2020

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16.	Chinnasamy, Moganapriya, Rajasekar Rathanasamy, Sathish Kumar Palaniappan, Mahesh Kumar Karavalasu Velusamy, and Samir Kumar Pal	Polymer Coating for Industrial Applications.	*Polymers Coatings: Technology and Applications* (2020): 397.	2020
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32.	Kumar, Palaniappan Sathish, Samir Kumar Pal, Moganapriya Chinnasamy, and Rathanasamy Rajasekar.	Organic/Silica Nanocomposite Membranes.	In *Organic-Inorganic Composite Polymer Electrolyte Membranes*, pp. 47-	2017

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