

S.NO	Authors	Title	Publication	Volume	Citations	Pages	Year	Impact Factor (SCI)
1.	JC Pilligrin, P Asokan, J Jerald, G Kanagaraj	Effects of electrode materials on performance measures of electrical discharge micro-machining	Materials and Manufacturing Processes	33 (6)	---	606-615	2018	3.350
2.	Pilligrin, C, Asokan, J, P, Jerald, J, G Kanagaraj	Experimental investigation on performance of additive mixed dielectric during Micro-electric discharge drilling on 316L Stainless Steel	Materials and Manufacturing Processes	32 (6)	---	638-644	2017	3.350
3.	Ian S.D, Ponnambalam S.G. Nachiappan SP, G Kanagaraj	Data driven hybrid evolutionary analytical approach for multi objective location allocation decisions: Automotive green supply chain empirical evidence	Computers and Operations Research	98	---	265-283	2018	3.002
4.	A Pugazhenth, G Kanagaraj, I Dinaharan, JDR Selvam	Turning characteristics of in situ formed TiB <sub>2</sub> ceramic particulate reinforced AA7075 aluminium matrix composites using polycrystalline diamond cutting tool	Measurement	121	---	39-46	2018	2.791
5.	M. Samykanu , S. K. Selvamani, K. Kadirgama, W. K. Ngui, G. Kanagaraj, K. Sudhakar	Mechanical property of FDM printed ABS: influence of printing parameters	The International Journal of Advanced Manufacturing Technology	102	---	2779-2796	2019	2.496
6.	J Natarajan, R Sivasankaran, G Kanagaraj	Bi-objective optimization for tolerance allocation in an interchangeable assembly under diverse manufacturing environment	The International Journal of Advanced Manufacturing Technology	95	---	1571-1595	2018	2.496
7.	S. Veluchamy L.R. Karlmarx	System for multimodal biometric recognition based on finger knuckle and finger vein using feature-level fusion and k-support vector machine classifier	IET Biometrics	6	---	232-242	2017	2.092

8.	Gurusamy, PalaniKumar; Gandhi, Uma; Umapathy, Mangalanathan; L.R. Karl Marx	Measurement of Diesel Exhaust Fluid concentration in Urea-SCR after-treatment system	International Journal of precision engineering and manufacturing	18 (8)	---	1085-1092	2017	1.779
9.	A Pugazhenthii, I Dinaharan, G.Kanagaraj, JDR Selvam,	Predicting the effect of machining parameters on turning characteristics of AA7075/TiB2 in situ aluminium matrix composites using empirical relationships	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40	---	1-15	2018	1.743
10.	Sathees Kumar, S, G Kanagaraj	Investigation of characterization and mechanical performances of Al2O3 and SiC reinforced PA6 hybrid composites	Journal of Inorganic and Organometallic Polymers and Materials	4 (26)	---	788-798	2016	1.637
11.	MangalanathanUmapathy ; Raghavendran Srinivasan ;Uma Gandhi; L.R.KarlMarx	Bridgeless active rectifier for piezoelectric energy harvesting	IET Circuits, Devices & Systems	13	---		2019	1.277
12.	MangalanathanUmapathy ; Raghavendran Srinivasan ; L.R.KarlMarx	Supercapacitor charging from Piezoelectric Energy Harvesters using Multi-input Buck-Boost converter	IET Circuits, Devices & Systems	12 (6)	---	746-752	2018	1.277
13.	Sathees Kumar, S, G Kanagaraj	'Experimental investigation on tribologicalbehaviours of alumina oxide reinforced PA6 and graphite reinforced PA6 polymer composites	Bulletin of Materials Science	6 (39)	---	1467-1481	2016	1.264
14.	SS Kumar, G Kanagaraj	Effect of graphite and silicon carbide fillers on mechanical properties of PA6 polymer composites	Journal of Polymer Engineering	37 (6)	---	547-557	2017	1.072

15.	V. Arun L. R. Karl Marx	Micro-controlled Tree Shaped Reconfigurable Patch Antenna with RF-Energy Harvesting	Wireless Personal Communications	94	---	2769-2781	2017	0.929
16.	PalanikumarGurusamy, Uma Gandhi, UmapathyMangalanathan , L.R.KarlMarx	Electrical Conductivity Based Quality Measurement of Diesel Exhaust Fluid	Journal of Analytical Chemistry	73 (11)	---	1128-1135	2018	0.894
17.	Pilligrin, C, Asokan, J, P, Jerald, J, G Kanagaraj	Tool speed and polarity effects in micro-EDM drilling of 316L stainless steel	Production & Manufacturing Research	5 No.1	---	99-117	2017	0.6
18.	S.JuliusFusic, D.Kavitha, N.Anandh	A Case Study of Implementing Active Learning Techniques in Electrical Machine Course	Journal of Engineering Education Transformation	32	---	49-55	2018	0.6
19.	Arun V., L.R.KarlMarx	Internet of Things Controlled Reconfigurable Antenna for RF Harvesting	Defence Science Journal	68 (6)	---	566-571	2018	0.589
20.	K. Pravinkumar, S.Balaji, T.ManiChandran, M.Anandakumar, G.Kumaraguruparan	Oxygen reduction reaction of Manganese oxide/Graphene Oxide Nanocomposite	Indian Journal of Chemistry	55A	1	177-181	2016	0.5090
21.	R. Saravana Ram L. R. Karl Marx	Implementation of Energy Conserved VLSI System with Transducer System in Low Power Technology	Asian Journal of Research in Social Sciences and Humanities	6	---	465-481	2016	0.42
22.	V Vijaya Baskar, SAR Sheik Masthan	Content-Based Image Retrieval using Enhanced Local Tetra Pattern	International Journal of Pure and Applied Mathematics	118	---	795-813	2018	0.337

23.	R. Saravana Ram L. R. Karl Marx	Design and Implementation of Run Time Digital System Using Field Programmable Gate Array–Improved Dynamic Partial Reconfiguration for Efficient Power Consumption	Journal of Computational and Theoretical Nano science	13	---	1-7	2016	0.18
24.	Anandh Nagarajan, Sekaran Julius Fusic	Analysis and Design of LCS Resonant Cell Based Enhanced Zero-Voltage Transition DC-DC Boosting Converter	Serbian journal of electrical engineering	16	---	105-121	2019	0.14
25.	S.JuliusFusic, G.Kanagaraj, K.Hariharan,	Autonomous Vehicle in Industrial Logistics Application: Case Study. In Industry 4.0 and Hyper-Customized Smart Manufacturing Supply Chains	IGI Global	Book chapter	---	182-208	2019	0
26.	DB Fatemeh, CK Loo, G. Kanagaraj	Shuffled Complex Evolution based Quantum Particle Swarm Optimization algorithm for mechanical design optimization problems	Journal of Modern Manufacturing Systems and Technology	2 (1)	---	23-32	2019	0
27.	DB Fatemeh, CK Loo, G .Kanagaraj, SG.ponnambalam	A hybrid SP-QPSO algorithm with parameter free adaptive penalty method for constrained global optimization problems	Journal of Modern Manufacturing Systems and Technology	1 (1)	---	15-26	2018	0
28.	A Emdadian, SG Ponnambalam, G Kanagaraj,	An implementation of differential evolution algorithm for a single product and single period multi-echelon supply chain network model	Journal of Modern Manufacturing Systems and Technology	1 (1)	---	1-14	2018	0

29.	Sathees Kumar, S, G Kanagaraj	Investigation on mechanical performances of PA6 and Al2O3 reinforced PA6 Polymer Composites	International Journal of Advanced Engg. Tech	7(1)	---	69-74	2016	0
30.	Arun V., L.R.KarlMarx., Jegadish K.J. Kumar, and Christy C. Vimlitha	N-Shaped Frequency Reconfigurable Antenna with Auto Switching Unit	Applied Computational Electromagnetics Society Journal	33 (6)	---	710-713	2018	0
31.	K. Niroshkumar, M.C. Sundarraja, L.R. Karl Marx	Damage detection in fly-ash based geopolymer concrete using surface bonded Piezoelectric sensors	International Research Journal of Engineering and Technology	5 (4)	---	4290-4296	2018	0
32.	S.Muralidharan, S.Balaji, M.PalaninathaRaja,	Analyze and optimize the Process Parameters of Electrochemical Machining of Ti6Al4V Using Orthogonal Array (OA8)	International Journal of Engineering Trends and Technology	55	---	16-20	2018	0
33.	M PalaninathaRaja , A M Abirami	Measurement of Ethics among Engineering Students	The Journal of Engineering Education Transformations	30	---	299-303	2017	0
34.	M.shunmathi, S.Parathasarathi, Dr.K.Hariharan	Energy consumption analysis of static and mobile WSN using Manual sink placement using Ns3	International Journal of Engineering Science and Computing	8	---	16349-16352	2018	0
35.	P. Sathees Lingam S.Parathasarathi, Dr.K.Hariharan	An effective development strategy and Geometric routing for Wireless Sensor Network	International Journal of Innovative Research and Advanced Studies	4	---	13-19	2017	0

36.	T.Praveena, S.Parthasarathi, Dr.K.Hariharan	Performance analysis of different Routing protocol using wireless sensor network in Ns3	International journal of current engineering and scientific research	4	---	50-56	2017	0
37.	P. Sathees Lingam S.Parathasarathi, Dr.K.Hariharan	Energy Efficient shortest path routing protocol for Wireless sensor networks	International Journal of Innovative Research in Advanced Engineering	4	---	72-79	2017	0
38.	Subhash Kannan K, Ganesh M A, Devi Gayadri S.V	Reduction of Valve Seating Velocity in Electro Hydraulic Valve Actuation System	International Journal of Engineering Research and Application	8	---	72-77	2018	0
39.	B. Meenakshipriya, S.Manikandan	Wiener model-based CDM-PI controller for pH neutralisation process	International Journal of Modelling, Identification and Control	24 (2)	6	127-137	2015	
40.	Anandh N, Akhilesh Sharma, Julius Fusic S, Ramesh H	"An improved zero-voltage zero-current transition boost converter employing l-c-s resonant network"	International Journal of Power Electronics and Drives System (IJPEDS) scopus indexed, Q2 Journal, SJJR-03. SNIP-0.9	Volume 11,issue 4	-	page no : 1844-1856	2020	1.49
41.	S. Julius Fusic, Dr.K.Hariharan, I.Leando	"Modeling and Analysis of GPS-GLONASS Navigation for Car Like Mobile Robot",	Springer nature Scopus Indexed Q3 with SJR-0.23	Volume 3,issue 1	-	-	2020	0.4