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S.No	Author(s)	Title	Journal Name	Vol.	Page	Year
1	Pradeep Kumar. H, Sakthivel. G , Shankar. S	Prevalence of Work Related Musculoskeletal Disorders Among Occupational Bus Drivers of Karnataka, South India	WORK: A Journal of Prevention, Assessment, and Rehabilitation	66 (1)	1-12	2020
2	Pradeep Kumar. H, Sakthivel. G , Shankar. S	Occupational physical risk factors and prevalence of musculoskeletal disorders among the traditional lacquerware toy makers of South India	WORK: A Journal of Prevention, Assessment, and Rehabilitation	Accepted for publication		2020
3	DasaradhaRamaiah. K Gangadhar. K Kannan, T, Sakthivel. G ,	Unsteady free convective boundary layer flow of a nanofluid past a stretching surface using a spectral relaxation method	International journal of ambient energy-Taylor and Francis	41 (6)	609-616	2020
4	Naveen Kumar, Sakthivel. G , Jegadeeshwaran. R Sivakumar. R, Saravana Kumar. D	Vibration Based IC Engine Fault Diagnosis Using Tree Family Classifiers-A Machine Learning Approach	IEEE explore	-	225-228	2019
5	Alamelu Manghai, Jegadeeshwaran.R, Sakthivel .G , Sivakumar.R, Saravana Kumar.D	Condition Monitoring of Hydraulic Brake System Using Rough Set Theory and FUZZY Rough Nearest Neighbor Learning Algorithms	IEEE explore	-	229-232	2019
6	Sakthivel. G Senthil Kumar. S, Ilangkumaran. M	A genetic algorithm-based artificial neural network model with TOPSIS approach to optimize the engine performance	Biofuels-Taylor and francis	10 (6)	693-717	2019
7	K.Shantisagar. K, Jegadeeshwaran. R, Sakthivel. G	Vibration Based tool insert health monitoring using decision tree and fuzzy logic	Structural Durability & Health Monitoring	13(3)	303-316	2019
8	Sakthivel. G , Sivaraja C.M, Ikua BW	Prediction of CI engine performance, emission and combustion parameters using fish oil as a biodiesel by fuzzy-GA	Energy -Elsevier	166	287-306	2019
9	Graceson Jeriel F, Sakthivel. G Jegadeeshwaran.R	Impact of Adaboost and Support Vector Machine Classifier in Automotive Sector	Materials Science and Engineering-IOP	24 (1)	12-31	2019

10	K Gangadhar, T Kannan, P Jayalakshmi, G Sakthivel	Dual solutions for MHD Casson fluid over a shrinking sheet with Newtonian heating	International Journal of Ambient Energy- <i>Taylor & Francis</i>	--	1-9	2018
11	Sivaraja C.M, Sakthivel. G , Vivek Ramesh Warke	Selection of optimum fuel blend to empower the energy efficiency in IC engine using decision system	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects -Taylor & Francis	40 (6)	693-708	2018
12	Navneet Bohara, Jegadeeshwaran. R, G.Sakthivel	Carbide Coated Insert Health Monitoring Using Machine Learning Approach through Vibration Analysis	International Journal of Prognostics and Health Management	8(2)	1-10	2017
13	Sakthivel. G , Sivakumar.R, Saravanan.N, Ikua BW	A decision support system to evaluate the optimum fuel blend in an IC engine to enhance the energy efficiency and energy management	Energy-Elsevier	140	566-583	2017
14	G.Sakthivel , M.Ilangkumaran	Optimisation of CI engine performance with fish oil biodiesel using Taguchi-Fuzzy approach	International Journal of Ambient Energy- <i>Taylor & Francis</i>	38(2)	146-160	2017
15	Sakthivel. G , Ikua BW	Failure mode and effect analysis using fuzzy analytic hierarchy process and GRA TOPSIS in manufacturing industry	International Journal of Productivity and Quality Management - Inderscience	22(4)	466-484	2017
16	G.Sakthivel	Prediction of CI engine performance, emission and combustion characteristics using fish oil as a biodiesel at different injection timing using fuzzy logic	Fuel -Elsevier	183	214-229	2016
17	ShridharKullolli, Sakthivel. G , Ilangkumaran. M	A neural network model for the prediction of CI engine performance at different injection timings.	International Journal of Ambient Energy- <i>Taylor & Francis</i>	37(3)	227-236	2016
18	Sakthivel. G , Snehitkumar. B, Ilangkumaran. M.	Application of fuzzy logic in IC engines to predict the engine performance.	International Journal of Ambient Energy- <i>Taylor & Francis</i>	37(3)	273-283	2016
19	G.Sakthivel , M.Ilangkumaran	A hybrid multi-criteria decision making approach of ANP-TOPSIS to evaluated the optimum fuel blend in IC engine	International Journal of Decision support systems- <i>Inderscience</i>	1(3)	268-293	2015