

Ramesh Babu Nallamothu

List of Publications by Year in descending order

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34
papers

133
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1684188

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1281871

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36
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and characterization of bamboo and sisal fiber reinforced hybrid composite for interior automotive body application. <i>Materials Today: Proceedings</i> , 2021, 38, 2853-2860.	1.8	39
2	Experimental investigation on characteristics of sisal fiber as composite material for light vehicle body applications. <i>Materials Today: Proceedings</i> , 2021, 38, 2439-2444.	1.8	26
3	Driving Cycles for Estimating Vehicle Emission Levels and Energy Consumption. <i>Future Transportation</i> , 2021, 1, 615-638.	2.3	19
4	A study on cause of rollover of sugar cane haulage semitrailer truck in Ethiopia sugar estate: case of Wonji sugar factory. <i>SSRG International Journal of Engineering Trends and Technology</i> , 2017, 43, 205-211.	0.5	8
5	Thermal Analysis of Disc brake made of Different Materials. <i>International Journal of Mechanical Engineering</i> , 2016, 3, 5-9.	0.2	8
6	Investigation on Pollution Caused by Gasoline and Diesel fuelled Vehicles. <i>SSRG International Journal of Engineering Trends and Technology</i> , 2016, 36, 376-381.	0.5	5
7	Effect of Multiple Injection Strategy on Combustion of Cotton Seed Oil Biodiesel in CRDI Diesel Engine. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 107-119.	0.4	4
8	PCCI Combustion for Better Emissions in Diesel Engines. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 183-194.	0.4	3
9	Numerical study of different shape design of piston bowl for diesel engine combustion in a light duty single-cylinder engine. <i>Heliyon</i> , 2022, 8, e09602.	3.2	3
10	Operating parameters optimization for lower emissions in diesel engine with PCCI-DI mode using Taguchi and grey relational analysis. <i>Heliyon</i> , 2022, 8, e09679.	3.2	3
11	Effect of Nanoparticles on the Performance and Emission Characteristics of Diesel Engine Operated with Different Fuels. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 279-291.	0.4	2
12	Emission Characteristics of CSOME in CRDI Diesel Engine with Multiple Injection Strategy. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 97-108.	0.4	2
13	Effect of Tyre Inflation Pressure on Fuel Consumption and Vehicle Handling Performance. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 607-617.	0.4	1
14	Experimental Investigation on Mechanical and Physical Properties of Bamboo and Sisal Fiber Reinforced Hybrid polyester Composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1057, 012007.	0.6	1
15	Experimental Investigation on Impact of EGR Configuration on Exhaust Emissions in Optimized PCCI-DI Diesel Engine. <i>Journal of Engineering (United States)</i> , 2022, 2022, 1-9.	1.0	1
16	Designing the Modern Dual-Engine Two-Speed Smart Hybrid Electric Drive Powertrain. <i>International Journal of Photoenergy</i> , 2022, 2022, 1-8.	2.5	1
17	Analysis of Three-Wheeler Vehicle Structure at the Event of Side Pole Crash. <i>Journal of Engineering (United States)</i> , 2022, 2022, 1-13.	1.0	1
18	Design and Analysis of Zero Turning Radius Steering System for Light Vehicles (Bajaj QUTE). <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 303-313.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Improving Frontal Body Shape of Locally Built FSR Isuzu Bus for Reduction of Aerodynamic Resistance. Lecture Notes in Mechanical Engineering, 2021, , 325-340.	0.4	0
20	Improvement of Structure and Body of Three-Wheeler Vehicle. Lecture Notes in Mechanical Engineering, 2021, , 93-106.	0.4	0
21	Design and Analysis of Front Axle of Truck at Different Driving Conditions. Lecture Notes in Mechanical Engineering, 2021, , 195-206.	0.4	0
22	Influence of Nanoparticles Addition on Performance of CSOME in DI CI Engine. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 141-155.	0.3	0
23	Some Numerical Investigation of Frame for Human-Powered Flywheel-Equipped Cycle Rickshaw. Lecture Notes in Mechanical Engineering, 2021, , 439-452.	0.4	0
24	Computational Evaluation of Aerodynamic Performance of Isuzu Midi Bus Body. Lecture Notes in Mechanical Engineering, 2021, , 121-135.	0.4	0
25	Design Improvement of MacPherson Strut Suspension System for Lighter Vehicle. Lecture Notes in Mechanical Engineering, 2021, , 69-82.	0.4	0
26	Reduction of Noise Emission from Minidor Three Wheeler with Effective Novel Muffler. Lecture Notes in Mechanical Engineering, 2021, , 669-680.	0.4	0
27	Simulation of Performance and Emission of SI Engine Fuelled with Ethanol-Gasoline Blend (E15). Lecture Notes in Mechanical Engineering, 2021, , 629-642.	0.4	0
28	CFD Analysis on Aerodynamic Drag Reduction of Pickup Vehicles Using Rear Spoiler. Lecture Notes in Mechanical Engineering, 2021, , 619-628.	0.4	0
29	Mechanical Regenerative Braking System for Higer Bus. Lecture Notes in Mechanical Engineering, 2021, , 429-438.	0.4	0
30	Design and Simulation of Adaptive Low-Speed Electro-Pneumatic Frontal Impact Absorption System for Crossover Vehicles. Lecture Notes in Mechanical Engineering, 2021, , 453-464.	0.4	0
31	Tractor-Trailer Gap Optimization of a Truck for Reduction of Aerodynamic Drag. Lecture Notes in Mechanical Engineering, 2021, , 57-68.	0.4	0
32	Aerodynamic Analysis of Body of Passenger Bus for CO2 Reduction and Fuel Saving. Lecture Notes in Mechanical Engineering, 2021, , 107-119.	0.4	0
33	Analytical Analysis of Electric Vehicle Chassis Frame and Battery Thermal Management System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 173-189.	0.3	0
34	Design and Analysis of Sedan Car B-Pillar Outer Panel Using Abirbara with S-Glass Fiber Hybrid Composites. Lecture Notes in Mechanical Engineering, 2021, , 419-432.	0.4	0