

# Ramesh Babu Nallamothu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1245088/publications.pdf>

Version: 2024-02-01

34  
papers

133  
citations

1684188

5  
h-index

1281871

11  
g-index

36  
all docs

36  
docs citations

36  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on Impact of EGR Configuration on Exhaust Emissions in Optimized PCCI-DI Diesel Engine. Journal of Engineering (United States), 2022, 2022, 1-9.	1.0	1
2	Numerical study of different shape design of piston bowl for diesel engine combustion in a light duty single-cylinder engine. Heliyon, 2022, 8, e09602.	3.2	3
3	Operating parameters optimization for lower emissions in diesel engine with PCCI-DI mode using Taguchi and grey relational analysis. Heliyon, 2022, 8, e09679.	3.2	3
4	Designing the Modern Dual-Engine Two-Speed Smart Hybrid Electric Drive Powertrain. International Journal of Photoenergy, 2022, 2022, 1-8.	2.5	1
5	Analysis of Three-Wheeler Vehicle Structure at the Event of Side Pole Crash. Journal of Engineering (United States), 2022, 2022, 1-13.	1.0	1
6	Experimental investigation on characteristics of sisal fiber as composite material for light vehicle body applications. Materials Today: Proceedings, 2021, 38, 2439-2444.	1.8	26
7	Production and characterization of bamboo and sisal fiber reinforced hybrid composite for interior automotive body application. Materials Today: Proceedings, 2021, 38, 2853-2860.	1.8	39
8	Design and Analysis of Zero Turning Radius Steering System for Light Vehicles (Bajaj QUTE). Lecture Notes in Mechanical Engineering, 2021, , 303-313.	0.4	0
9	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
10	Effect of Tyre Inflation Pressure on Fuel Consumption and Vehicle Handling Performance. Lecture Notes in Mechanical Engineering, 2021, , 607-617.	0.4	1
11	Improvement of Structure and Body of Three-Wheeler Vehicle. Lecture Notes in Mechanical Engineering, 2021, , 93-106.	0.4	0
12	Design and Analysis of Front Axle of Truck at Different Driving Conditions. Lecture Notes in Mechanical Engineering, 2021, , 195-206.	0.4	0
13	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
14	Some Numerical Investigation of Frame for Human-Powered Flywheel-Equipped Cycle Rickshaw. Lecture Notes in Mechanical Engineering, 2021, , 439-452.	0.4	0
15	Computational Evaluation of Aerodynamic Performance of Isuzu Midi Bus Body. Lecture Notes in Mechanical Engineering, 2021, , 121-135.	0.4	0
16	Design Improvement of MacPherson Strut Suspension System for Lighter Vehicle. Lecture Notes in Mechanical Engineering, 2021, , 69-82.	0.4	0
17	Reduction of Noise Emission from Minidor Three Wheeler with Effective Novel Muffler. Lecture Notes in Mechanical Engineering, 2021, , 669-680.	0.4	0
18	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

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on Mechanical and Physical Properties of Bamboo and Sisal Fiber Reinforced Hybrid polyester Composite. IOP Conference Series: Materials Science and Engineering, 2021, 1057, 012007.	0.6	1
20	Effect of Nanoparticles on the Performance and Emission Characteristics of Diesel Engine Operated with Different Fuels. Lecture Notes in Mechanical Engineering, 2021, , 279-291.	0.4	2
21	PCCI Combustion for Better Emissions in Diesel Engines. Lecture Notes in Mechanical Engineering, 2021, , 183-194.	0.4	3
22	CFD Analysis on Aerodynamic Drag Reduction of Pickup Vehicles Using Rear Spoiler. Lecture Notes in Mechanical Engineering, 2021, , 619-628.	0.4	0
23	Mechanical Regenerative Braking System for Higer Bus. Lecture Notes in Mechanical Engineering, 2021, , 429-438.	0.4	0
24	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
25	Tractor-Trailer Gap Optimization of a Truck for Reduction of Aerodynamic Drag. Lecture Notes in Mechanical Engineering, 2021, , 57-68.	0.4	0
26	Aerodynamic Analysis of Body of Passenger Bus for CO2 Reduction and Fuel Saving. Lecture Notes in Mechanical Engineering, 2021, , 107-119.	0.4	0
27	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
28	Emission Characteristics of CSOME in CRDI Diesel Engine with Multiple Injection Strategy. Lecture Notes in Mechanical Engineering, 2021, , 97-108.	0.4	2
29	Driving Cycles for Estimating Vehicle Emission Levels and Energy Consumption. Future Transportation, 2021, 1, 615-638.	2.3	19
30	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
31	Effect of Multiple Injection Strategy on Combustion of Cotton Seed Oil Biodiesel in CRDI Diesel Engine. Lecture Notes in Mechanical Engineering, 2020, , 107-119.	0.4	4
32	A study on cause of rollover of sugar cane haulage semitrailer truck in Ethiopia sugar estate: case of Wonji sugar factory. SSRG International Journal of Engineering Trends and Technology, 2017, 43, 205-211.	0.5	8
33	Investigation on Pollution Caused by Gasoline and Diesel fuelled Vehicles. SSRG International Journal of Engineering Trends and Technology, 2016, 36, 376-381.	0.5	5
34	Thermal Analysis of Disc brake made of Different Materials. International Journal of Mechanical Engineering, 2016, 3, 5-9.	0.2	8