

# Sridhar Rajaks

## List of Publications by Year in descending order

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25  
papers

262  
citations

1170033

9  
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1113639

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development, testing and microstructural study of aluminum foam in automobile application. International Journal of Ambient Energy, 2022, 43, 2568-2576.	1.4	4
2	Investigation of microstructure and mechanical properties of laser and TIG welded stainless steel alloy. Materials Today: Proceedings, 2021, 44, 3578-3582.	0.9	1
3	Mechanical and Micro-structural behaviour of graphene coated with magnesium alloy. Materials Today: Proceedings, 2021, 44, 3589-3594.	0.9	2
4	Mechanical and microstructural properties of graphene reinforced magnesium composite. Materials Today: Proceedings, 2021, 44, 3571-3574.	0.9	8
5	Experimental Investigation and Characterization of HDPE & LDPE Polymer Composites. Lecture Notes in Mechanical Engineering, 2021, , 785-799.	0.3	13
6	Production of Alternate Fuel Using Jatropha Oil and Kerosene – Analysis of Their Performance and Emission Characteristics. Lecture Notes in Mechanical Engineering, 2021, , 853-863.	0.3	21
7	Effect of TiB <sub>2</sub> on Mechanical Properties and Microstructural of Aluminium Composite. Lecture Notes in Mechanical Engineering, 2021, , 697-703.	0.3	0
8	Experimental Investigation and Comparing the Mechanical Properties of Glass Fiber-Reinforced Polymers with Carbon Nanotubes and Sawdust. Lecture Notes in Mechanical Engineering, 2021, , 801-809.	0.3	0
9	Effects of MgO as an additive in canola oil – an experimental study. International Journal of Ambient Energy, 2020, 41, 1-4.	1.4	45
10	Effect of nano additives in engine performance and emission characteristics using biodiesel fuel. AIP Conference Proceedings, 2020, , .	0.3	16
11	Wear and corrosion studies on vanadium pentoxide coated on magnesium alloy (AZ-31B) using dip coating process. AIP Conference Proceedings, 2020, , .	0.3	1
12	Detailed study on the influence of silicon oxide on emission characteristics of VCR diesel engine with blends of camelina biodiesel. AIP Conference Proceedings, 2020, , .	0.3	17
13	Computational investigation and design optimization of vortex generator for a sport utility vehicle using CFD. AIP Conference Proceedings, 2020, , .	0.3	1
14	Wear optimization of graphene reinforced magnesium AZ31 composite using Taguchi design. AIP Conference Proceedings, 2020, , .	0.3	0
15	Experimental and synthesis of chicken slaughter waste biodiesel in DI diesel engine. AIP Conference Proceedings, 2020, , .	0.3	19
16	Emission and performance analysis of thermochemical conversion of bio-oil using waste animal fat. AIP Conference Proceedings, 2020, , .	0.3	21
17	Study on mechanical properties of aluminium 6061 / SiC composite by single and double stir casting process. AIP Conference Proceedings, 2020, , .	0.3	8
18	Emission examination in diesel engine by using biodiesel fuel with electrochemical activated cell catalytic converter. AIP Conference Proceedings, 2020, , .	0.3	0

#	ARTICLE	IF	CITATIONS
19	Analysis of surface texture of Ni-based super alloy with thermal barrier coating system (TBC) for gas turbine blade. AIP Conference Proceedings, 2020, , .	0.3	1
20	Performance and emission characteristics of biodiesel from black pepper oil. International Journal of Ambient Energy, 2019, 40, 463-466.	1.4	26
21	Experimental analysis of the effects of cerium oxide nanoparticles on a single-cylinder diesel engine using biofuel blended with diesel as fuel. International Journal of Ambient Energy, 2019, 40, 490-493.	1.4	31
22	Design of Adapting Multi-Servo Concept with Optimal Change in Tractor Brakes. International Journal of Recent Technology and Engineering, 2019, 8, 2069-2073.	0.2	0
23	Effect of Steel slag on Wear Characterization of Aluminium Composite Using Taguchi Technique. IOP Conference Series: Materials Science and Engineering, 2017, 197, 012053.	0.3	0
24	EMISSIONS AND PERFORMANCE INVESTIGATION ON THE EFFECT OF DUAL FUEL INJECTION IN BIODIESEL DRIVEN DIESEL ENGINE. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-11.	1.2	22
25	An experimental study on the effect of magnesium oxide in cedarwood oil. International Journal of Ambient Energy, 0, , 1-9.	1.4	4