

Velmurugan P

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

226
citations

1040056

9
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Machine Learning Models in Injection Molding Machines. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-28.	1.8	27
2	A Comparative Analysis by Experimental Investigations on Normal and Ground Ultrafine Mineral Admixtures in Arresting Permeation in High-Strength Concrete. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-11.	0.7	3
3	Complex Nanomaterials in Catalysis for Chemically Significant Applications: From Synthesis and Hydrocarbon Processing to Renewable Energy Applications. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-72.	1.8	25
4	Phase Change Materials in Metal Casting Processes: A Critical Review and Future Possibilities. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-14.	1.8	7
5	Bioinspired Techniques in Freeze Casting: A Survey of Processes, Current Advances, and Future Directions. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-22.	2.7	8
6	Experimental Investigation of Sorghum Stalk and Sugarcane Bagasse Hybrid Composite for Particleboard. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-17.	1.8	6
7	Current Trends and Future Perspectives of Nanomaterials in Food Packaging Application. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-32.	2.7	31
8	Micro hardness and optical microscopy analysis of textile waste/glass fiber hybrid composite material. <i>Materials Today: Proceedings</i> , 2021, 46, 7322-7328.	1.8	1
9	Analytical investigation of Pelton turbine for mini hydro power: For the case of selected site in Ethiopia. <i>Materials Today: Proceedings</i> , 2021, 46, 7364-7368.	1.8	5
10	Treatment of wastewater from coffee (<i>coffea arabica</i>) industries using mixed culture <i>Pseudomonas</i> florescence and <i>Escherichia coli</i> bacteria. <i>Materials Today: Proceedings</i> , 2021, 46, 7396-7401.	1.8	3
11	Numerical analysis of reinforced carbon fiber composite material for lightweight automotive wheel application. <i>Materials Today: Proceedings</i> , 2021, 46, 7369-7374.	1.8	12
12	Design and Techno-economic analysis of power generating unit from waste heat (Preheater and grate) Tj ETQq0 0 0 rgeBT /Overlock 10 T	1.8	3
13	Analytical investigation of hydraulic scissor lift for modular industrial plants in ethiopia. <i>Materials Today: Proceedings</i> , 2021, 46, 7596-7601.	1.8	4
14	Development and characterization of bamboo - sesame stalk hybrid urea-formaldehyde matrix composite for particleboard application. <i>Materials Today: Proceedings</i> , 2021, 46, 7351-7358.	1.8	5
15	A review on failure mechanisms and analysis of multidirectional laminates. <i>Materials Today: Proceedings</i> , 2021, 46, 7380-7388.	1.8	5
16	Experimental investigation of suitable thin layer drying curve to solar maize dryer assisted for biomass back-up heater. <i>Materials Today: Proceedings</i> , 2021, 46, 7389-7395.	1.8	4
17	Stress analysis of different cross-section for passenger truck chassis with a material of ASTM A148 Gr 80â€“50. <i>Materials Today: Proceedings</i> , 2021, 46, 7304-7316.	1.8	2
18	Analyzed of vapor absorption refrigeration systems powered by geothermal energy: Site in Ethiopia. <i>Materials Today: Proceedings</i> , 2021, 46, 7570-7580.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Some study on the potential energy extraction from solar-assisted solid waste for produce electricity in Adama city in Ethiopia. Materials Today: Proceedings, 2021, 46, 7537-7547.	1.8	0
20	Experimental investigation of compressive strength for fly ash on high strength concrete C-55 grade. Materials Today: Proceedings, 2021, 46, 7507-7517.	1.8	11
21	Numerical investigation of thermo-mechanical properties for disc brake using light commercial vehicle. Materials Today: Proceedings, 2021, 46, 7548-7555.	1.8	12
22	Effect of pond ash on properties of C-25 concrete. Materials Today: Proceedings, 2021, 46, 8296-8302.	1.8	4
23	New Developments in Carbon-Based Nanomaterials for Automotive Brake Pad Applications and Future Challenges. Journal of Nanomaterials, 2021, 2021, 1-24.	2.7	16
24	A Cutting-Edge Survey of Tribological Behavior Evaluation Using Artificial and Computational Intelligence Models. Advances in Materials Science and Engineering, 2021, 2021, 1-17.	1.8	19
25	Recent Advancements in the Field of Ni-Based Superalloys. Advances in Materials Science and Engineering, 2021, 2021, 1-60.	1.8	12