

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	Current Trends and Future Perspectives of Nanomaterials in Food Packaging Application. Journal of Nanomaterials, 2022, 2022, 1-32.	2.7	31
2	A Review on Machine Learning Models in Injection Molding Machines. Advances in Materials Science and Engineering, 2022, 2022, 1-28.	1.8	27
3	Complex Nanomaterials in Catalysis for Chemically Significant Applications: From Synthesis and Hydrocarbon Processing to Renewable Energy Applications. Advances in Materials Science and Engineering, 2022, 2022, 1-72.	1.8	25
4	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
5	New Developments in Carbon-Based Nanomaterials for Automotive Brake Pad Applications and Future Challenges. Journal of Nanomaterials, 2021, 2021, 1-24.	2.7	16
6	Numerical analysis of reinforced carbon fiber composite material for lightweight automotive wheel application. Materials Today: Proceedings, 2021, 46, 7369-7374.	1.8	12
7	Numerical investigation of thermo-mechanical properties for disc brake using light commercial vehicle. Materials Today: Proceedings, 2021, 46, 7548-7555.	1.8	12
8	Recent Advancements in the Field of Ni-Based Superalloys. Advances in Materials Science and Engineering, 2021, 2021, 1-60.	1.8	12
9	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
10	Bioinspired Techniques in Freeze Casting: A Survey of Processes, Current Advances, and Future Directions. International Journal of Polymer Science, 2022, 2022, 1-22.	2.7	8
11	Phase Change Materials in Metal Casting Processes: A Critical Review and Future Possibilities. Advances in Materials Science and Engineering, 2022, 2022, 1-14.	1.8	7
12	Experimental Investigation of Sorghum Stalk and Sugarcane Bagasse Hybrid Composite for Particleboard. Advances in Materials Science and Engineering, 2022, 2022, 1-17.	1.8	6
13	Analytical investigation of Pelton turbine for mini hydro power: For the case of selected site in Ethiopia. Materials Today: Proceedings, 2021, 46, 7364-7368.	1.8	5
14	Development and characterization of bamboo - sesame stalk hybrid urea-formaldehyde matrix composite for particleboard application. Materials Today: Proceedings, 2021, 46, 7351-7358.	1.8	5
15	A review on failure mechanisms and analysis of multidirectional laminates. Materials Today: Proceedings, 2021, 46, 7380-7388.	1.8	5
16	Analytical investigation of hydraulic scissor lift for modular industrial plants in ethiopia. Materials Today: Proceedings, 2021, 46, 7596-7601.	1.8	4
17	Experimental investigation of suitable thin layer drying curve to solar maize dryer assisted for biomass back-up heater. Materials Today: Proceedings, 2021, 46, 7389-7395.	1.8	4
18	Effect of pond ash on properties of C-25 concrete. Materials Today: Proceedings, 2021, 46, 8296-8302.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Treatment of wastewater from coffee (coffea arabica) industries using mixed culture Pseudomonas florescence and Escherichia coli bacteria. Materials Today: Proceedings, 2021, 46, 7396-7401.	1.8	3
20	Design and Techno-economic analysis of power generating unit from waste heat (Preheater and grate) Tj ETQq0 0 0 ggBT /Overlock 10 T	1.8	3
21	A Comparative Analysis by Experimental Investigations on Normal and Ground Ultrafine Mineral Admixtures in Arresting Permeation in High-Strength Concrete. Advances in Civil Engineering, 2022, 2022, 1-11.	0.7	3
22	Stress analysis of different cross-section for passenger truck chassis with a material of ASTM A148 Gr 80â€“50. Materials Today: Proceedings, 2021, 46, 7304-7316.	1.8	2
23	Micro hardness and optical microscopy analysis of textile waste/glass fiber hybrid composite material. Materials Today: Proceedings, 2021, 46, 7322-7328.	1.8	1
24	Analyzed of vapor absorption refrigeration systems powered by geothermal energy: Site in Ethiopia. Materials Today: Proceedings, 2021, 46, 7570-7580.	1.8	1
25	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