

Sivaprakasam Palani

List of Publications by Year in descending order

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16
papers

115
citations

1478505

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1474206

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16
all docs

16
docs citations

16
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar from waste biomass as a biocatalyst for biodiesel production: an overview. Applied Nanoscience (Switzerland), 2022, 12, 3665-3676.	3.1	11
2	Dissimilar friction stir welding process-a review. Advances in Materials and Processing Technologies, 2022, 8, 3900-3922.	1.4	5
3	Adiabatic CMOS-Based Electrostatic MEMS Actuation for Reduced Dynamic Power and Switching Activity. Journal of Nanomaterials, 2022, 2022, 1-13.	2.7	2
4	Tribological Characteristics of GCr-EN31 Steel Surface Contact with Dry Sliding Condition. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	2
5	Surface Roughness Evaluation in Turning of Nimonic C263 Super Alloy Using 2D DWT Histogram Equalization. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	7
6	DEFORM 3D Simulations and Taguchi Analysis in Dry Turning of 35CrNi16 Steel. Advances in Materials Science and Engineering, 2022, 2022, 1-10.	1.8	6
7	Mechanical Properties of Bone Particulate and E-Glass Fiber Reinforced Hybrid Polymer Composite. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.8	7
8	Mathematical Modeling and Analysis of Wear Behavior of AlTiN Coating on Titanium Alloy (Ti-6Al-4V). Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.8	8
9	Optimization of Remazol Black B Removal Using Biochar Produced from Caulerpa scalpelliformis Using Response Surface Methodology. Advances in Materials Science and Engineering, 2021, 2021, 1-8.	1.8	12
10	Emission Measurement Analysis of Sapodilla Seed Oil Blending Fueled IC Engine. Journal of Nanomaterials, 2021, 2021, 1-8.	2.7	1
11	Analysis of Ethanol to Reduce Solid Particle Pollution in SI Engines. Journal of Nanomaterials, 2021, 2021, 1-11.	2.7	2
12	Designing Highly Sensitive Surface Plasmon Resonance Sensor With Dual Analyte Channels. IEEE Access, 2021, 9, 139293-139302.	4.2	14
13	Tribological Behavior and Surface Characterization of Gray Cast Iron-EN31 Steel under Lubricated Sliding Conditions. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	4
14	Modelling and Simulation of Machining Attributes in dry Turning of Aircraft Materials Nimonic C263 using CBN. Manufacturing Review, 2021, 8, 30.	1.5	14
15	Wire Electrical Discharge Machining (WEDM) of Hybrid Composites (Al-Si12/B4C/Fly Ash). Journal of Nanomaterials, 2021, 2021, 1-10.	2.7	18
16	A review on photonics and its applications. Materials Today: Proceedings, 2020, 33, 3372-3377.	1.8	2