

Prabhu Paramasivam

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

500
citations

687363

13
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752698

20
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all docs

21
docs citations

21
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on Mechanical Properties of Carbon Nanotube-Reinforced Epoxy Composites for Automobile Application. Journal of Nanomaterials, 2021, 2021, 1-7.	2.7	65
2	Energy Auditing for Efficient Planning and Implementation in Commercial and Residential Buildings. Advances in Civil Engineering, 2021, 2021, 1-10.	0.7	48
3	Sustainable Development of Carbon Nanocomposites: Synthesis and Classification for Environmental Remediation. Journal of Nanomaterials, 2021, 2021, 1-21.	2.7	43
4	Structural Behavior of Nanocoated Oil Palm Shell as Coarse Aggregate in Lightweight Concrete. Journal of Nanomaterials, 2021, 2021, 1-7.	2.7	43
5	Experimental Investigation on Mechanical Properties of Glass Fiber Hybridized Natural Fiber Reinforced Penta-Layered Hybrid Polymer Composite. International Journal of Chemical Engineering, 2022, 2022, 1-9.	2.4	40
6	Mechanical characterization of aluminium alloy 6063 using destructive and non-destructive testing. Materials Today: Proceedings, 2023, 81, 965-968.	1.8	34
7	Experimental Investigation to Utilize Adsorption and Absorption Technique to Reduce CO ₂ Emissions in Diesel Engine Exhaust Using Amine Solutions. Adsorption Science and Technology, 2022, 2022, .	3.2	34
8	An Effective Charger for Plug-In Hybrid Electric Vehicles (PHEV) with an Enhanced PFC Rectifier and ZVS-ZCS DC/DC High-Frequency Converter. Journal of Advanced Transportation, 2022, 2022, 1-14.	1.7	34
9	Force-Deformation Study on Glass Fiber Reinforced Concrete Slab Incorporating Waste Paper. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	26
10	Evolution and Recent Scenario of Nanotechnology in Agriculture and Food Industries. Journal of Nanomaterials, 2022, 2022, 1-17.	2.7	24
11	Energy Audit of a Residential Building to Reduce Energy Cost and Carbon Footprint for Sustainable Development with Renewable Energy Sources. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	20
12	Experimental Investigation on Tribological Behaviour of AA6066: HSS-Cu Hybrid Composite in Dry Sliding Condition. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	16
13	Free Vibration Analysis of Thick Rectangular and Elliptical Plates with Concentric Cut-Out. Advances in Materials Science and Engineering, 2021, 2021, 1-14.	1.8	15
14	Influence of Process Parameter on Carbon Nanotube Field Effect Transistor Using Response Surface Methodology. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	13
15	Electrochemical Anodic Synthesis and Analysis of TiO ₂ Nanotubes for Biomedical Applications. Journal of Nanomaterials, 2021, 2021, 1-10.	2.7	11
16	Experimental Investigation on the Effectiveness of Solar Still and Its Effect on Adsorption with Various Dyes. Adsorption Science and Technology, 2022, 2022, .	3.2	11
17	Investigation of the TIG Welding Process for Joining AA6082 Alloy Using Grey Relational Analysis. Advances in Materials Science and Engineering, 2022, 2022, 1-8.	1.8	8
18	Synthesis and Optimization of Cr (VI) Removal from Aqueous Solution by Activated Carbon with Magnetic Fe ₃ O ₄ Nanoparticles by Response Surface Methodology. Adsorption Science and Technology, 2022, 2022, .	3.2	5

#	ARTICLE	IF	CITATIONS
19	Design and CFD modeling of gasifier stove combined with heat exchanger for water heating application. AIP Advances, 2022, 12, .	1.3	5
20	Optimization of WEDM Process Parameters in Al2024-Li-Si3N4 MMC. Journal of Nanomaterials, 2022, 2022, 1-12.	2.7	4
21	Synthesis and Optimization of Deesterified Acacia-Alginate Nanohydrogel for Amethopterin Delivery. Bioinorganic Chemistry and Applications, 2022, 2022, 1-10.	4.1	1