

M Rajesh

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

851
citations

840776

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1125743

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15
docs citations

15
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenic silver nanoparticles for cancer treatment: An experimental report. Colloids and Surfaces B: Biointerfaces, 2013, 106, 86-92.	5.0	352
2	Free Vibration Characteristics of Banana/Sisal Natural Fibers Reinforced Hybrid Polymer Composite Beam. Procedia Engineering, 2016, 144, 1055-1059.	1.2	86
3	Dynamic mechanical analysis and free vibration behavior of intra-ply woven natural fiber hybrid polymer composite. Journal of Reinforced Plastics and Composites, 2016, 35, 228-242.	3.1	79
4	An evidence on G2/M arrest, DNA damage and caspase mediated apoptotic effect of biosynthesized gold nanoparticles on human cervical carcinoma cells (HeLa). Materials Research Bulletin, 2014, 52, 15-24.	5.2	63
5	Experimental investigation on buckling and free vibration behavior of woven natural fiber fabric composite under axial compression. Composite Structures, 2017, 163, 302-311.	5.8	58
6	Mechanical behavior of woven natural fiber fabric composites: Effect of weaving architecture, intra-ply hybridization and stacking sequence of fabrics. Journal of Industrial Textiles, 2018, 47, 938-959.	2.4	46
7	Dynamic mechanical and free vibration behavior of natural fiber braided fabric composite: Comparison with conventional and knitted fabric composites. Polymer Composites, 2018, 39, 2479-2489.	4.6	44
8	Investigation on mechanical properties of polyurethane hybrid nanocomposite foams reinforced with roselle fibers and silica nanoparticles. Nanocomposites, 2019, 5, 1-12.	4.2	31
9	Impact of surface adaptation and <i>Acacia nilotica</i> biofiller on static and dynamic properties of sisal fiber composite. International Journal of Polymer Analysis and Characterization, 2018, 23, 99-112.	1.9	28
10	Mechanical characterization of natural fiber intra-ply fabric polymer composites: Influence of chemical modifications. Journal of Reinforced Plastics and Composites, 2017, 36, 1651-1664.	3.1	23
11	Mechanical and dynamic mechanical behaviour of novel glass/natural fibre intra-ply woven polyester composites. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 1215-1223.	1.3	16
12	Micro Cellulose Grewia Optiva Fiber-reinforced Polymer Composites: Relationship between Structural and Mechanical Properties. Journal of Natural Fibers, 2022, 19, 2140-2151.	3.1	13
13	Biodegradation properties and thermogravimetric analysis of 3D braided flax PLA textile composites. Journal of Industrial Textiles, 2022, 51, 1066S-1091S.	2.4	4
14	Natural Fiber Composite for Structural Applications. , 2021, , 23-35.		4
15	Experimental Characterization for Natural Fiber and Hybrid Composites. , 2021, , 71-83.		4