

Gangadhar Angadi

List of Publications by Year in descending order

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20
papers

156
citations

1307594

7
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Durability of GFRP nanocomposites subjected to hygrothermal ageing. Composites Part B: Engineering, 2015, 69, 443-451.	12.0	43
2	Development of polyvinyl acetate thin films by electrospinning for sensor applications. Applied Nanoscience (Switzerland), 2017, 7, 355-363.	3.1	19
3	Mechanical properties of vinylester/glass and polyester/glass composites fabricated by resin transfer molding and hand layup. Journal of Vinyl and Additive Technology, 2015, 21, 166-173.	3.4	15
4	Mechanical behavior of organo-modified Indian bentonite nanoclay fiber-reinforced plastic nanocomposites. Frontiers of Materials Science, 2013, 7, 396-404.	2.2	12
5	Investigation of water absorption characteristics of nano-gelcoat for marine application. Progress in Organic Coatings, 2018, 114, 173-187.	3.9	12
6	Moisture diffusion through (hexadecyltrimethylammonium bromide • Indian bentonite)/(vinylester) nanocomposites in artificial seawater and demineralized water. Journal of Vinyl and Additive Technology, 2016, 22, 441-451.	3.4	10
7	Development of Electrospinning System for Synthesis of Polyvinylpyrrolidone Thin Films for Sensor Applications. Materials Today: Proceedings, 2018, 5, 20920-20926.	1.8	9
8	Synthesis and characterization of spin-coated clay/PVDF thin films. Bulletin of Materials Science, 2019, 42, 1.	1.7	7
9	Properties of PVDF films stretched in machine direction. Polymers and Polymer Composites, 2021, 29, 198-206.	1.9	7
10	Effect of screw configuration on the dispersion of nanofillers in thermoset polymers. Journal of Polymer Engineering, 2017, 37, 815-825.	1.4	5
11	Investigation the effect of electroplating and filler material on the tensile properties of wollastonite reinforced ABS composites. Journal of Physics: Conference Series, 2019, 1240, 012105.	0.4	5
12	Effect of Nanoclay Addition on the Erosion Wear of Glass/vinylester Composites Using Taguchi's Orthogonal Array Technique. , 2014, 5, 1174-1181.		4
13	Study on Tensile and Hardness Properties of Aluminium 7075 Alloy Reinforced with Graphite, Mica and E-Glass. Smart Innovation, Systems and Technologies, 2020, , 533-541.	0.6	3
14	Synthesis and Characterization of Polyvinylpyrrolidone(PVP) Nanofibrous Thin Films. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012139.	0.6	2
15	Study of Vibration Behaviour of Stiffened Polymer Composite Shells for Underwater Structural Applications. Defence Science Journal, 2020, 70, 342-350.	0.8	2
16	Simulation of Epoxy/Cloisite-15A Multifunctional Nanocomposites using Twin Screw Extruders. Materials Today: Proceedings, 2018, 5, 21127-21134.	1.8	1
17	Combined influence of organo-modified Indian bentonite nanoclay and fire retardants on thermal and fire behavior of vinylester. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2017, 231, 34-42.	0.6	0
18	Examination of miscibility characteristics of the synthetic plastic-mimetic peptide with polyacrylamide: development of nonwoven mats by electrospinning. Polymer-Plastics Technology and Materials, 2021, 60, 405-418.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Study of Mechanical and Moisture Absorption Behavior of Epoxy/Cloisite-15A Nanocomposites Processed Using Twin Screw Extruder. International Polymer Processing, 2020, 35, 242-265.	0.5	0
20	Smart Automated Guided Vehicle for Flexible Manufacturing Systems. ECS Transactions, 2022, 107, 13205-13220.	0.5	0