

# Manjunath Shettar

## List of Publications by Year in descending order

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48  
papers

539  
citations

949033

11  
h-index

843174

20  
g-index

48  
all docs

48  
docs citations

48  
times ranked

554  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Water Sorption-Desorption-Resorption Effects on Mechanical Properties of Epoxy-Nanoclay Nanocomposites. International Journal of Automotive and Mechanical Engineering, 2022, 19, 9478-9486.                  | 0.5 | 10        |
| 2  | Processing, Characterization of Furcraea foetida (FF) Fiber and Investigation of Physical/Mechanical Properties of FF/Epoxy Composite. Polymers, 2022, 14, 1476.  | 2.0 | 11        |
| 3  | Influence of various trace metallic additions and reinforcements on A319 and A356 alloysâ€”a review. Cogent Engineering, 2022, 9, .   | 1.1 | 9         |
| 4  | Effect of nanoclay on mechanical, flammability, and water absorption properties of glass fiber-epoxy composite. Cogent Engineering, 2022, 9, .  | 1.1 | 8         |
| 5  | Investigation on tensile properties and analysis of wear property of glass fiber-epoxy-nanoclay ternary nanocomposite using response surface methodology. Cogent Engineering, 2021, 8, .                      | 1.1 | 6         |
| 6  | The effect of SiC content in aluminum-based metal matrix composites on the microstructure and mechanical properties of welded joints. Journal of Materials Research and Technology, 2021, 12, 2325-2339.      | 2.6 | 17        |
| 7  | Effect of Microstructure, Phase Formation on the Mechanical and Surface Characteristics of Low Alloy Medium Carbon Forged Steels â€” A Review. International Review of Mechanical Engineering, 2021, 15, 325. | 0.1 | 0         |
| 8  | Study on mechanical properties and water uptake of polyester-nanoclay nanocomposite and analysis of wear property using RSM. Journal of Materials Research and Technology, 2021, 14, 1618-1629.               | 2.6 | 14        |
| 9  | Durability prediction analysis on mechanical properties of GFRP upon immersion in water at ambient temperature. Cogent Engineering, 2021, 8, .  | 1.1 | 5         |
| 10 | DURABILITY OF HYGRO-IMMERSION AGED CELLULOSE FIBRE REINFORCED POLYMER LAYERED SILICATE NANOCOMPOSITES. IJUM Engineering Journal, 2021, 22, 259-268.   | 0.5 | 0         |
| 11 | Hygrothermal chamber aging effect on mechanical behavior and morphology of glass fiber-epoxy-nanoclay composites. Materials Research Express, 2020, 7, 015318.  | 0.8 | 14        |
| 12 | Study on effect of water soaking conditions on properties and morphology of glass fiberâ€”cementâ€”polyester composites. Journal of Materials Research and Technology, 2020, 9, 8697-8704.                    | 2.6 | 8         |
| 13 | Tensile Fractography of Artificially Aged Al6061-SiC+B<sub>4</sub>C Hybrid Composites. Materials Science Forum, 2020, 995, 3-8.   | 0.3 | 1         |
| 14 | Coated and uncoated reinforcements metal matrix composites characteristics and applications â€” A critical review. Cogent Engineering, 2020, 7, 1856758.  | 1.1 | 9         |
| 15 | Effect of post carburizing treatments on residual stress distribution in plain carbon and alloy steels â€” a numerical analysis. Journal of Materials Research and Technology, 2020, 9, 8439-8450.            | 2.6 | 11        |
| 16 | Experimental investigation on mechanical and wear properties of nanoclayâ€”epoxy composites. Journal of Materials Research and Technology, 2020, 9, 9108-9116.  | 2.6 | 37        |
| 17 | Experimental validity on the casting characteristics of stir cast aluminium composites. Journal of Materials Research and Technology, 2020, 9, 3340-3347.   | 2.6 | 27        |
| 18 | Investigation on Effect of Varying Weight Percentage of Glass Fiber and Filler on the Properties of Glass Fiber-Cement- Polyester Composites. Materials Science Forum, 2020, 995, 117-122.                    | 0.3 | 1         |

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|----|--|-----|-----------|
| 19 | Influence of homogenization and aging on tensile strength and fracture behavior of TiG welded Al6061-SiC composites. Journal of Materials Research and Technology, 2020, 9, 3598-3613.                           | 2.6 | 10        |
| 20 | COVID 19: Impact of lock-down on mental health and tips to overcome. Asian Journal of Psychiatry, 2020, 51, 102088.  | 0.9 | 129       |
| 21 | Microstructure authentication on mechanical property of medium carbon Low alloy duplex steels. Journal of Materials Research and Technology, 2020, 9, 5105-5111.   | 2.6 | 11        |
| 22 | Investigation and optimization of thermal shock effects on the properties and microstructure of Nanoclay-Glass Fiber Reinforced Epoxy Composites. Materials Research Express, 2019, 6, 105360.                   | 0.8 | 5         |
| 23 | Study on the mechanical properties of nanoclay-epoxy composites under different hygrothermal aging conditions. Materials Research Express, 2019, 6, 085333.  | 0.8 | 10        |
| 24 | Effect of hygrothermal aging on the mechanical properties of nanoclay-glass fiber-epoxy composite and optimization using full factorial design. Materials Research Express, 2019, 6, 065311.                     | 0.8 | 19        |
| 25 | Investigation on effect of cold soaking on the properties of nanoclay-GFRP composite. Materials Research Express, 2019, 6, 015206.   | 0.8 | 11        |
| 26 | Interactive study on phase morphology and mechanical characteristics of diffusion annealed and age hardened Al7075 steel powder reinforced metal matrix composites. Materials Research Express, 2019, 6, 016508. | 0.8 | 2         |
| 27 | Aging Kinetics and Microstructural Features of Al6061-SiC+B4C Stir Cast Hybrid Composites. International Journal of Automotive and Mechanical Engineering, 2019, 16, 7211-7224.                                  | 0.5 | 6         |
| 28 | Experimental Investigation on the Tensile and Flexural Strength of Nano-Polymer Composites. International Journal of Mechanical Engineering and Robotics Research, 2019, , 702-707.                              | 0.7 | 1         |
| 29 | The Effect of Lean Techniques on Elimination of Waste in Composite Panel Production Using Paired t-test. MATEC Web of Conferences, 2018, 144, 05011.   | 0.1 | 0         |
| 30 | Hygrothermal Studies on GFRP Composites: A Review. MATEC Web of Conferences, 2018, 144, 02026.   | 0.1 | 11        |
| 31 | Investigation on Effect of Egg Shell Powder on Mechanical Properties of GFRP Composites. Materials Today: Proceedings, 2018, 5, 3014-3018.   | 0.9 | 29        |
| 32 | Enhancement in Hardness and Influence of Artificial Aging on Stir Cast Al6061-B4C and Al6061-SiC Composites. Materials Today: Proceedings, 2018, 5, 2435-2443.   | 0.9 | 3         |
| 33 | Tensile fractography of artificially aged Al6061-B4C composites. Journal of Mechanical Engineering and Sciences, 2018, 12, 3866-3875.  | 0.3 | 20        |
| 34 | Design and Analysis of Split Fixture for Gear Hobbing Machine. MATEC Web of Conferences, 2018, 144, 01014.   | 0.1 | 0         |
| 35 | Influence of post curing on GFRP hybrid composite. MATEC Web of Conferences, 2018, 144, 02011.   | 0.1 | 0         |
| 36 | Hygrothermal Studies on GFRP Composites: A Review. MATEC Web of Conferences, 2018, 144, 02026.   | 0.1 | 2         |

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|----|---|-----|-----------|
| 37 | The Effect of Lean Techniques on Elimination of Waste in Composite Panel Production Using Paired t-test. MATEC Web of Conferences, 2018, 144, 05011.                        | 0.1 | 0         |
| 38 | FRP-Nanoclay Hybrid Composites: A Review. Materials Science Forum, 2017, 904, 146-150.  | 0.3 | 12        |
| 39 | Investigation on Effect of Aluminium Hydroxide on Mechanical and Fire Retardant Properties of GFRP-Hybrid Composites. Materials Today: Proceedings, 2017, 4, 10952-10956.   | 0.9 | 11        |
| 40 | Study on Mechanical Characteristics of Nanoclay Reinforced Polymer Composites. Materials Today: Proceedings, 2017, 4, 11158-11162.  | 0.9 | 25        |
| 41 | Taguchi's orthogonal array approach to evaluate drilling of GFRP particulate composites. Materials Today: Proceedings, 2017, 4, 11245-11250.                                | 0.9 | 4         |
| 42 | Investigation of Mechanical Properties of Glass Fiber " Chicken Feather Hybrid Composite. International Journal of Technology, 2017, 8, 408.                                | 0.4 | 8         |
| 43 | Investigation on Mechanical and Physical Properties of GFRP-Egg Shell Powder Hybrid Composites. Indian Journal of Science and Technology, 2016, 9, .                        | 0.5 | 6         |
| 44 | Investigation on Effect of Nano-Fillers on Mechanical Properties of Epoxy Based Composites Using ANOVA. Materials Science Forum, 0, 904, 137-141.                           | 0.3 | 6         |
| 45 | A Study on Chicken Feather Filled Hybrid Glass Fiber - Polymer Composite. Materials Science Forum, 0, 904, 151-154.   | 0.3 | 3         |
| 46 | Post Solutionising Rolling Sway on the Precipitation Behaviour of Eutectoid Steel Powder Reinforced Al7075 Ternary Alloy Composites. Materials Science Forum, 0, 995, 9-14. | 0.3 | 0         |
| 47 | Water Soaking and Re-Drying Effect on Mechanical and Wear Properties of Nanoclay-Polyester Nanocomposites. Materials Research, 0, 25, .                                     | 0.6 | 2         |
| 48 | Artificial Neural Network for Predicting Hardness of Multistage Solutionized and Artificially Aged LM4 + TiB2 Composites. Materials Research, 0, 25, .                      | 0.6 | 5         |