

Sathickbasha K

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

371
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

296
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A comprehensive review on cellulose nanocrystals and cellulose nanofibers: Pretreatment, preparation, and characterization. <i>Polymer Composites</i> , 2021, 42, 1588-1630. | 4.6 | 151 |
| 2 | Influence of Binder on Thermomechanical and Tribological Performance in Brake Pad. <i>Tribology in Industry</i> , 2018, 40, 654-669. | 1.1 | 41 |
| 3 | Effect of agro waste Î±-cellulosic micro filler on mechanical and thermal behavior of epoxy composites. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 327-339. | 7.5 | 38 |
| 4 | The dual role of metal sulfides as lubricant and abrasive: an interface study in friction composite. <i>Materials Research Express</i> , 2019, 6, 045315. | 1.6 | 29 |
| 5 | Mechanical properties and microstructure of A356 alloy reinforced AlN/MWCNT/graphite/Al composites fabricated by stir casting. <i>Materials Research Express</i> , 2020, 7, 015004. | 1.6 | 28 |
| 6 | Effect of sulfuric acid reaction time on the properties and behavior of cellulose nanocrystals from <i>Cocos nucifera var-Aurantiaca peduncle</i> 's cellulose microfibers. <i>Materials Research Express</i> , 2019, 6, 125333. | 1.6 | 14 |
| 7 | Multi-metal sulfide pre-blend combination on the tribological performance of the brake friction material. <i>Industrial Lubrication and Tribology</i> , 2021, 73, 235-334. | 1.3 | 14 |
| 8 | Evaluation of mechanical properties of novel <sc>GLARE</sc> laminates filled with nanoclay. <i>Polymer Composites</i> , 2021, 42, 4015-4028. | 4.6 | 14 |
| 9 | Inspiration of reinforcements, manufacturing methods, and microstructural changes on wear behavior of metal matrix compositesâ€”a recent review. <i>Materials Research Express</i> , 2020, 7, 012006. | 1.6 | 11 |
| 10 | Steady-State Wear Behavior of Multi-Scale Hybrid Compositeâ€”AA6061/Al ₂ O ₃ (Î¼m)/Si ₃ N ₄ (nm)/Graphiteâ€”EN31 Steel Tribo System. <i>Journal of Tribology</i> , 2020, 142, . | 1.9 | 9 |
| 11 | Tribo Performance of Brake Friction Composite with Stainless Steel Fiber. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 159-169. | 0.4 | 8 |
| 12 | Optimizing the design parameters of radial tip centrifugal blower for dust test chamber application through numerical and statistical analysis. <i>FME Transactions</i> , 2020, 48, 236-245. | 1.4 | 4 |
| 13 | Synergistic effect of bismuth III sulfide and iron sulfide in the tribological performance of brake friction composite. <i>Surface Topography: Metrology and Properties</i> , 2022, 10, 025015. | 1.6 | 4 |
| 14 | Reusing exhausted alkaline battery powder as reinforcement in AA6061 composites and mechanical characterization. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-14. | 2.3 | 3 |
| 15 | Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors. <i>FME Transactions</i> , 2019, 47, 122-128. | 1.4 | 2 |
| 16 | Quasi-static compression behavior and microstructure changes in low-cost AA6061 composites. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 4876-4884. | 2.1 | 1 |