

# Sathickbasha K

## List of Publications by Year in descending order

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docs citations

16  
times ranked

296  
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#	ARTICLE	IF	CITATIONS
1	Quasi-static compression behavior and microstructure changes in low-cost AA6061 composites. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 4876-4884.	2.1	1
2	Synergistic effect of bismuth III sulfide and iron sulfide in the tribological performance of brake friction composite. Surface Topography: Metrology and Properties, 2022, 10, 025015.	1.6	4
3	Multi-metal sulfide pre-blend combination on the tribological performance of the brake friction material. Industrial Lubrication and Tribology, 2021, 73, 235-334.	1.3	14
4	A comprehensive review on cellulose nanocrystals and cellulose nanofibers: Pretreatment, preparation, and characterization. Polymer Composites, 2021, 42, 1588-1630.	4.6	151
5	Evaluation of mechanical properties of novel <scp>GLARE</scp> laminates filled with nanoclay. Polymer Composites, 2021, 42, 4015-4028.	4.6	14
6	Mechanical properties and microstructure of A356 alloy reinforced AlN/MWCNT/graphite/Al composites fabricated by stir casting. Materials Research Express, 2020, 7, 015004.	1.6	28
7	Effect of agro waste Î±-cellulosic micro filler on mechanical and thermal behavior of epoxy composites. International Journal of Biological Macromolecules, 2020, 152, 327-339.	7.5	38
8	Inspiration of reinforcements, manufacturing methods, and microstructural changes on wear behavior of metal matrix compositesâ€”a recent review. Materials Research Express, 2020, 7, 012006.	1.6	11
9	Steady-State Wear Behavior of Multi-Scale Hybrid Compositeâ€”AA6061/Al <sub>2</sub> O <sub>3</sub> (Î¼m)/Si <sub>3</sub> N <sub>4</sub> (nm)/Graphiteâ€”EN31 Steel Tribo System. Journal of Tribology, 2020, 142, .	1.9	9
10	Optimizing the design parameters of radial tip centrifugal blower for dust test chamber application through numerical and statistical analysis. FME Transactions, 2020, 48, 236-245.	1.4	4
11	Effect of sulfuric acid reaction time on the properties and behavior of cellulose nanocrystals from Cocos nucifera var-Aurantiaca peduncleâ€™s cellulose microfibers. Materials Research Express, 2019, 6, 125333.	1.6	14
12	Tribo Performance of Brake Friction Composite with Stainless Steel Fiber. Lecture Notes in Mechanical Engineering, 2019, , 159-169.	0.4	8
13	The dual role of metal sulfides as lubricant and abrasive: an interface study in friction composite. Materials Research Express, 2019, 6, 045315.	1.6	29
14	Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors. FME Transactions, 2019, 47, 122-128.	1.4	2
15	Influence of Binder on Thermomechanical and Tribological Performance in Brake Pad. Tribology in Industry, 2018, 40, 654-669.	1.1	41
16	Reusing exhausted alkaline battery powder as reinforcement in AA6061 composites and mechanical characterization. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-14.	2.3	3