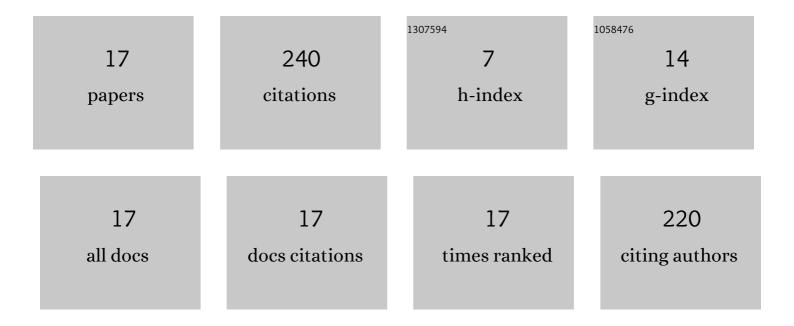
## M S Charoo

List of Publications by Year in descending order

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M S CHAROO

| #  | Article  | lF   | CITATIONS |
|----|--|------|-----------|
| 1  | Rheological characteristics of coconut grease with graphene nanoplatelets. Biomass Conversion and<br>Biorefinery, 2023, 13, 10799-10806.   | 4.6  | 3         |
| 2  | Optimization of Fretting Wear Parameters and Effect of High Temperature on Fretting Wear Behavior of Al6061 Alloy and Al6061-SiC Composite. Silicon, 2022, 14, 3949-3961.  | 3.3  | 8         |
| 3  | Tribological behavior of hybrid aluminum self-lubricating composites under dry sliding conditions at elevated temperature. Tribology - Materials, Surfaces and Interfaces, 2022, 16, 153-167.  | 1.4  | 7         |
| 4  | An experimental study on the effect of concentration of green nanoadditives on the tribological properties of the biolubricants. Proceedings of the Institution of Mechanical Engineers, Part C:<br>Journal of Mechanical Engineering Science, 2022, 236, 3755-3771. | 2.1  | 3         |
| 5  | A Comparative Analysis of Corrosion Performance of Piston Alloy and Its Composite in Marine, Mining and Basic Environments. Journal of Bio- and Tribo-Corrosion, 2022, 8, 1.   | 2.6  | 1         |
| 6  | An overall review on the tribological, thermal and rheological properties of nanolubricants.<br>Tribology - Materials, Surfaces and Interfaces, 2021, 15, 20-54.   | 1.4  | 30        |
| 7  | Avocado oil mixed with an antiwear additive as a potential lubricant – Measurement of antiwear and extreme pressure properties. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2087-2098.     | 2.1  | 7         |
| 8  | Tribological behavior of aluminum silicon eutectic alloy based composites under dry and wet sliding for variable load and sliding distance. SN Applied Sciences, 2020, 2, 1.   | 2.9  | 6         |
| 9  | Improving the tribological characteristics of a lubricating oil by nano sized additives. Materials<br>Today: Proceedings, 2020, 28, 1205-1209.   | 1.8  | 9         |
| 10 | Experimental study on rheological properties of vegetable oils mixed with titanium dioxide<br>nanoparticles. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.   | 1.6  | 14        |
| 11 | A Review on Tribological Characterization of Lubricants with Nano Additives for Automotive<br>Applications. Tribology in Industry, 2018, 40, 594-623.  | 1.1  | 40        |
| 12 | Tribological properties of h-BN nanoparticles as lubricant additive on cylinder liner and piston ring.<br>Lubrication Science, 2017, 29, 241-254.  | 2.1  | 66        |
| 13 | Friction and wear properties of nano-Si3N4/nano-SiC composite under nanolubricated conditions.<br>Journal of Advanced Ceramics, 2016, 5, 145-152.  | 17.4 | 14        |
| 14 | Structural, optical and photocatalytic properties of zinc aluminate spinel nanoparticles. Materials<br>Technology, 2015, 30, 168-176.  | 3.0  | 13        |
| 15 | Effect of h-BN nanoparticles on the tribological and rheological properties of API-Group I Oils.<br>Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-17.  | 2.3  | 10        |
| 16 | Tribological Characterization of Iron-Based Self-Lubricating Composite under Dry Sliding Conditions.<br>Journal of the Institution of Engineers (India): Series D, 0, , 1.   | 1.0  | 3         |
| 17 | Formulation and rheology of bio-grease mixed with h-BN nanoparticles. Energy Sources, Part A:<br>Recovery, Utilization and Environmental Effects, 0, , 1-13.   | 2.3  | 6         |