

## LIST OF PUBLICATIONS

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1. Singh, S., Chen, X., Zhang, C., Tyagi, R. and Luo, J., 2019. Investigation on the lubrication potential of graphene oxide aqueous dispersion for self-mated stainless steel tribo-pair. *Vacuum*, 166, pp.307-315.
2. Singh, S., Chen, X., Zhang, C., Gautam, R.K., Tyagi, R. and Luo, J., 2020. Nickel-catalyzed direct growth of graphene on bearing steel (GCr15) by thermal chemical vapor deposition and its tribological behavior. *Applied Surface Science*, 502, p.144135.
3. Singh S., Chen, X., Zhang, C., Gautam, R. K., Tyagi, R., and Luo, J., 2020. Tribological performance of steel with multi-layer graphene grown by low-pressure CVD. *Journal of Tribology*, 142, pp. 122101 (1-10).