

1, Tribological investigations on MoS₂-based nanolubricant for machine tool slideways

Authors: P Nallasamy, N Saravanakumar, Sumannth Nagendran, EM Suriya, D Yashwant

Publication date: 2015/5

Journal: Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology

Volume: 229

Issue: 5

Pages: 559-567

Publisher: SAGE Publications

2, Influence of Ag Nanoparticles for the Anti-wear and Extreme Pressure Properties of the Mineral Oil Based Nano-cutting Fluid.

Authors: L Prabu, N Saravanakumar, Gukan Rajaram

Publication date: 2018/9/1

Journal: Tribology in Industry

Volume: 40

Issue: 3

3, Development and testing of nano particulate lubricant for worm gear application

Authors: N Saravanakumar, ML Jothi Saravanan, KE Barathkumar, K Gokula Kannan, R Karthikeyan

Publication date: 2019/4/1

Journal: Journal of Mechanical Science and Technology

Volume: 33

Issue: 4

Pages: 1785-1791

Publisher: Korean Society of Mechanical Engineers

4, Experimental study on the tribological properties of CuO-based biodegradable nanolubricants for machine tool slideways

Authors: P Nallasamy, N Saravanakumar, Gukan Rajaram, RK Rishwin Kumar

Publication date: 2018

Journal: International Journal of Surface Science and Engineering

Volume: 12

Issue: 3

Pages: 194-206

Publisher: Inderscience Publishers (IEL)

5, Experimental study on the anti-wear and anti-corrosive properties of the water-soluble metalworking fluid dispersed with copper and aluminium oxide nanoparticles

Authors: L Prabu, N Saravanakumar

Publication date: 2019/11/15
Journal: Materials Research Express
Volume: 6
Issue: 12
Pages: 125022
Publisher: IOP Publishing

6, CORROSION BEHAVIOR OF A Ni–TiO₂ NANOCOMPOSITE COATED BY PULSE ELECTRODEPOSITION

Authors: V Sivaraman, N Saravanakumar, Gukan Rajaram, RM Arunachalam, S Venkatesan
Publication date: 2018
Journal: High Temperature Material Processes: An International Quarterly of High-Technology Plasma Processes
Volume: 22
Issue: 4
Publisher: Begel House Inc.

7, Parametric Optimization of Micro Deep Drawing Process using Fem Based Taguchi Method

Authors: M Subramanian, N Saravanakumar, C Sathya Narayanan
Publication date: 2016
Journal: Asian Journal of Research in Social Sciences and Humanities
Volume: 6
Issue: 11
Pages: 691-702
Publisher: Asian Research Consortium