

Yogesh Kumar Singla

List of Publications by Year in descending order

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17
papers

135
citations

1478505

6
h-index

1281871

11
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17
all docs

17
docs citations

17
times ranked

127
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Analysis of the wear properties of through hardened AISI-4140 alloy steel using Taguchi technique. Materials Today: Proceedings, 2022, 50, 661-664. | 1.8 | 2 |
| 2 | Interpretation of the wear characteristics of AISI 4140 under nano-fly ash based engine lubricant. Materials Today: Proceedings, 2022, 50, 1683-1689. | 1.8 | 2 |
| 3 | Optimization of tribological behavior of AISI 4140 under nano fly ash particulates in engine lubricating oil. Materials Today: Proceedings, 2021, 45, 4619-4623. | 1.8 | 3 |
| 4 | Investigate the Tribological Properties of AISI 4140 Alloy Steel Under Various Loads and Sliding Speed. IOP Conference Series: Materials Science and Engineering, 2021, 1145, 012038. | 0.6 | 0 |
| 5 | Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na ₂ SO ₄ 60 % V ₂ O ₅ environment at 900 °C under cyclic conditions. Corrosion Science, 2021, 190, 109666. | 6.6 | 14 |
| 6 | Effect of Nanofly Ash as Lubricant Additive on the Tribological Properties of SAE 10W-30 Oil: A Novel Finding. Transactions of the Indian Institute of Metals, 2020, 73, 2371-2375. | 1.5 | 7 |
| 7 | Design & development of a low cost tribometer for nano particulate lubricants. Materials Today: Proceedings, 2020, 28, 1487-1491. | 1.8 | 5 |
| 8 | Experimental evaluation of magnetic abrasive finishing process with diamond abrasive. International Journal of Materials and Product Technology, 2019, 58, 55. | 0.2 | 6 |
| 9 | Experimental evaluation of magnetic abrasive finishing process with diamond abrasive. International Journal of Materials and Product Technology, 2019, 58, 55. | 0.2 | 1 |
| 10 | Slurry erosion performance study of HVFS sprayed Ni-20Al ₂ O ₃ and Ni-15Al ₂ O ₃ -5TiO ₂ coatings under hydro accelerated conditions. Industrial Lubrication and Tribology, 2018, 70, 805-817. | 1.3 | 5 |
| 11 | Modeling the impact of sliding wear characteristics of rare earth additive iron-based hardfacing alloys. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2017, 231, 1486-1499. | 1.8 | 4 |
| 12 | Influence of niobium on the microstructure and wear resistance of iron-based hardfacings produced by pre-placement technique—a novel approach. International Journal of Advanced Manufacturing Technology, 2017, 93, 2667-2674. | 3.0 | 7 |
| 13 | On the Microstructure and Wear Behavior of Fe-xCr-4Mn-3C Hardfacing Alloys. Transactions of the Indian Institute of Metals, 2017, 70, 1555-1561. | 1.5 | 3 |
| 14 | Dry sliding adhesive wear characteristics of Fe-based hardfacing alloys with different CeO ₂ additives—a statistical analysis. Tribology International, 2017, 105, 229-240. | 5.9 | 26 |
| 15 | On the modeling of dry sliding adhesive wear parameters of vanadium additive iron-based alloys at elevated temperatures. Surface and Coatings Technology, 2015, 283, 223-233. | 4.8 | 18 |
| 16 | Wear Behavior of Aluminum Alloy 6061-Based Composites Reinforced with SiC, Al ₂ O ₃ , and Red Mud: A Comparative Study. Jom, 2015, 67, 2160-2169. | 1.9 | 32 |
| 17 | Optimization of Process Parameters for Friction Welding of Bimetallic Welds. Advanced Materials Research, 0, 585, 440-444. | 0.3 | 0 |