Yogesh Kumar Singla

List of Publications by Year
in descending order

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17	135	1478505 6	1281871 11
papers	citations	h-index	g-index

17	17	17	127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wear Behavior of Aluminum Alloy 6061-Based Composites Reinforced with SiC, Al2O3, and Red Mud: A Comparative Study. Jom, 2015, 67, 2160-2169.	1.9	32
2	Dry sliding adhesive wear characteristics of Fe-based hardfacing alloys with different CeO2 additives â€“ A statistical analysis. Tribology International, 2017, 105, 229-240.	5.9	26
3	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
4	Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na2SO4â€“60 % V2O5 environment at 900 Â°C under cyclic conditions. Corrosion Science, 2021, 190, 109666.	6.6	14
5	Influence of niobium on the microstructure and wear resistance of iron-based hardfacings produced by pre-placement techniqueâ€”a novel approach. International Journal of Advanced Manufacturing Technology, 2017, 93, 2667-2674.	3.0	7
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	Experimental evaluation of magnetic abrasive finishing process with diamond abrasive. International Journal of Materials and Product Technology, 2019, 58, 55.	0.2	6
8	Slurry erosion performance study of HVFS sprayed Ni-20Al₂O₃ and Ni-15Al₂O₃-5TiO₂ coatings under hydro accelerated conditions. Industrial Lubrication and Tribology, 2018, 70, 805-817.	1.3	5
9	Design & development of a low cost tribometer for nano particulate lubricants. Materials Today: Proceedings, 2020, 28, 1487-1491.	1.8	5
10	Modeling the impactâ€“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
11	On the Microstructure and Wear Behavior of Feâ€“xCrâ€“4Mnâ€“3C Hardfacing Alloys. Transactions of the Indian Institute of Metals, 2017, 70, 1555-1561.	1.5	3
12	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
13	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
14	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
15	Experimental evaluation of magnetic abrasive finishing process with diamond abrasive. International Journal of Materials and Product Technology, 2019, 58, 55.	0.2	1
16	Optimization of Process Parameters for Friction Welding of Bimetallic Welds. Advanced Materials Research, 0, 585, 440-444.	0.3	0
17	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