Suman Kalyan Das

List of Publications by Year
in descending order

18	726	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of Alumina Particles on Tribology of Autocatalytic Ni-P Coatings at High Temperature. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2021, 9, 1-25.	0.4	1
2	Corrosion and Wear Behavior of Electroless Nickel Coatings. Advances in Chemical and Materials Engineering Book Series, 2020, , 210-227.	0.3	0
3	Tribological behavior of autocatalytic Niâ€“Pâ€“B coatings at elevated temperatures. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
4	Investigation of the tribological behavior of electroless Ni-W-P coating pre and post phase transformation regime. Materials Research Express, 2019, 6, 0965c1.	1.6	9
5	Friction and wear behavior of electroless Ni-P-W coating exposed to elevated temperature. Surfaces and Interfaces, 2019, 14, 192-207.	3.0	35
6	A parametric investigation of high temperature friction performance of electroless Ni-P deposits. Materials Today: Proceedings, 2018, 5, 8547-8556.	1.8	3
7	Tribological Behaviour of Electroless Ni-P Deposits Under Elevated Temperature. Silicon, 2018, 10, 329-342.	3.3	34
8	Tribological performance of electroless Ni-(high) P coatings under elevated testing temperature. Materials Today: Proceedings, 2017, 4, 379-387.	1.8	1
9	Correlating tribological performance with phase transformation behavior for electroless Ni-(high)P coating. Surface and Coatings Technology, 2017, 328, 102-114.	4.8	33
10	TRIBOLOGICAL BEHAVIOR OF ELECTROLESS Niâ€“P COATINGS IN VARIOUS CORROSIVE ENVIRONMENTS. Surface Review and Letters, 2016, 23, 1650040.	1.1	18
11	Wear Performance Optimization for Electroless Ni-P Coating. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2015, 3, 1-17.	0.4	3
12	Optimization Studies on Electroless Nickel Coatings. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2014, 4, 1-25.	0.4	5
13	Properties of Electroless Nickel at Elevated Temperature-a Review. Procedia Engineering, 2014, 97, 1698-1706.	1.2	51
14	Influence of Process Parameters on Microhardness of Electroless Ni-B Coatings. Advances in Mechanical Engineering, 2012, 4, 703168.	1.6	26
15	Roughness Optimization of Electroless Ni-B Coatings Using Taguchi Method. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2011, 1, 53-71.	0.4	6
16	Tribology of electroless nickel coatings â€“ A review. Materials & Design, 2011, 32, 1760-1775.	5.1	482
17	A parametric investigation of the friction performance of electroless Niâ€B coatings. Lubrication Science, 2011, 23, 81-97.	2.1	13
18	Friction stir welding of AISI-316L steel pipes: Mechanical and metallurgical characterization of the joint. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892210961.	2.5	0