

Suman Kalyan Das

List of Publications by Year in descending order

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18
papers

726
citations

1040056

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940533

16
g-index

18
all docs

18
docs citations

18
times ranked

536
citing authors

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