Supriyo Roy

List of Publications by Year
in descending order

18	74	1477746	1473754
papers	citations	6	9
		h-index	g-index

18	18	18	59
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electroless Coating on Non-Conductive Materials. Advances in Chemical and Materials Engineering Book Series, 2021, , 188-208.	0.2	1
2	Tribological characterization of electroless Ni-P-Cu-TiO2 coatings. IOP Conference Series: Materials Science and Engineering, 2021, 1080, 012022.	0.3	0
3	Tribological and Micro-Structural Characterization of Ni-Cu-P-W Coatings. Advances in Chemical and Materials Engineering Book Series, 2021, , 209-225.	0.2	0
4	Characterization of Ni-P based poly-alloy and composite coatings involving nanoindentation and nanoscratch tests. Materials Today Communications, 2021, 29, 102991.	0.9	4
5	Functionally graded coatings on biomaterials: a critical review. Materials Today Chemistry, 2020, 18, 100375.	1.7	11
6	Corrosion and Wear Behavior of Electroless Nickel Coatings. Advances in Chemical and Materials Engineering Book Series, 2020, , 210-227.	0.2	0
7	Bio-Inspired Meta-Heuristic Multi-Objective Optimization of EDM Process. Advances in Civil and Industrial Engineering Book Series, 2019, , 305-319.	0.2	0
8	Modelling and analysis of roughness characteristics of aluminium alloy under CNC face milling operation. International Journal of Machining and Machinability of Materials, 2018, 20, 299.	0.1	0
9	Tribological Behavior of Electroless Ni-P, Ni-P-W and Ni-P-Cu Coatings. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2017, 5, 1-15.	0.2	10
10	An Experimental Approach for Optimizing Coating Parameters of Electroless Ni-P-Cu Coating Using Artificial Bee Colony Algorithm. International Scholarly Research Notices, 2014, 2014, 1-12.	0.9	3
11	Optimization of Wear of Electroless Ni-P-Cu Coating Using Artificial Bee Colony Algorithm. Procedia Technology, 2014, 14, 320-327.	1.1	10
12	Parametric optimization of corrosion and wear of electroless Ni-P-Cu coating using grey relational coefficient coupled with weighted principal component analysis. International Journal of Mechanical and Materials Engineering, 2014, 9, .	1.1	8
13	Design and Selection of Chemically Deposited Ni-P-W Coatings for Optimum Tribological Behavior. , 2014, , 45-72.		1
14	Friction Performance Optimization of Chemically Deposited Ni-P-W Coating Using Taguchi Method. ISRN Tribology, 2013, 2013, 1-9.	0.4	11
15	Optimization of Electroless Ni-P-W Coatings for Minimum Friction and Wear Using Grey-Taguchi Method. Journal of Coatings, 2013, 2013, 1-13.	0.7	10
16	Optimization of Multiple Roughness Characteristics of Chemically Deposited Ni-P-W Coating Using Weighted Principal Component Analysis. ISRN Mechanical Engineering, 2012, 2012, 1-7.	0.9	2
17	Potentiodynamic Polarization Behaviour of Electroless Ni-P-W Coatings. ISRN Corrosion, 2012, 2012, 1-11.	0.3	3
18	A FEM-Supported Hybrid Approach for Determination of Stress–Strain Relation of Poly-alloy Coating by Inverse Analysis. Transactions of the Indian Institute of Metals, 0, , .	0.7	0