

M S Jagatheeshwaran

List of Publications by Year in descending order

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12
papers

258
citations

1162367

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1199166

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12
docs citations

12
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fiber length and fiber content on mechanical properties of banana fiber/epoxy composite. Journal of Reinforced Plastics and Composites, 2011, 30, 1621-1627.	1.6	94
2	Wear characteristics of electroless NiP/bio-composite coatings on En8 steel. Journal of Manufacturing Processes, 2015, 20, 206-214.	2.8	30
3	Controlling adhesive wear failure of nickel-phosphorus coating at high load condition using crab shell particle as reinforcement. Engineering Failure Analysis, 2018, 90, 310-323.	1.8	28
4	The role of calcinated sea shell particles on friction-wear behavior of electroless NiP coating: Fabrication and characterization. Surface and Coatings Technology, 2016, 304, 492-501.	2.2	27
5	Electroless nickel " phosphorus coating on crab shell particles and its characterization. Journal of Solid State Chemistry, 2017, 248, 87-95.	1.4	25
6	Comparative study on the friction-wear property of As-plated, Nd-YAG laser treated, and heat treated electroless Nickel-Phosphorus/Crab shell particle composite coatings on mild steel. Surface and Coatings Technology, 2019, 357, 543-558.	2.2	16
7	Discussion on the feasibility of using proteinized/deproteinized crab shell particles for coating applications: Synthesis and characterization. Journal of Environmental Chemical Engineering, 2016, 4, 3891-3899.	3.3	13
8	Impact of nano zinc oxide on the friction " Wear property of electroless nickel-phosphorus sea shell composite coatings. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 225, 160-172.	1.7	11
9	A novel water quench approach for enhancing the surface characteristics of electroless nickel phosphorous deposit. Surfaces and Interfaces, 2021, 23, 100975.	1.5	6
10	Partial dissolution of precipitated-calcium carbonate (P-CaCO ₃) in electroless nickel-phosphorus (Ni-P) coating and its surface characterization. Materials Research Express, 2019, 6, 066409.	0.8	5
11	Calcium hexaboride reinforced Nickel-Phosphorus composite coating for increasing the wear properties of low carbon steel. Materials Today: Proceedings, 2021, 43, 851-856.	0.9	2
12	Optimization of electroless bath process parameter for improving the tribology behavior of Ni-P/CaBr ₂ composite coating against the hardened EN-31 steel. Surface Topography: Metrology and Properties, 2020, 8, 025038.	0.9	1