

# M S Jagatheeshwaran

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

258  
citations

1162367

8  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

224  
citing authors

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