

# Irappa Sogalad

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

203  
citations

1163117

8  
h-index

1199594

12  
g-index

26  
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26  
docs citations

26  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact properties of modified 9Cr 1Mo steel welds: Comparison between cold wire and hot wire gas tungsten arc welding processes. International Journal of Pressure Vessels and Piping, 2022, 198, 104672.	2.6	1
2	A review on Ni based nano composite coatings. Materials Today: Proceedings, 2021, 39, 6-16.	1.8	14
3	Wear behavior and pin temperature of Ni-Al <sub>2</sub> O <sub>3</sub> nano composite coating by electro co-deposition process. Materials Today: Proceedings, 2021, 38, 2162-2166.	1.8	3
4	Study on surface roughness parameters of nano composite coatings prepared by electrodeposition process. Materials Today: Proceedings, 2021, 38, 3110-3115.	1.8	8
5	Investigations on the influence of nano reinforcement on strength of adhesively bonded joints. Materials Today: Proceedings, 2021, 45, 87-93.	1.8	4
6	Study on dry sliding wear behaviour of NiCrAlY/B <sub>4</sub> C/cenosphere composite coating by RSM method. Materials Today: Proceedings, 2021, 39, 758-763.	1.8	5
7	Adhesive strength and tribological behaviour of Ni-Al <sub>2</sub> O <sub>3</sub> nano composite coating. Indian Journal of Physics, 2021, 95, 423-431.	1.8	3
8	Dry Sliding Wear Behaviour of Nano Coating: Influence of Coating Parameters and Surface Roughness. Transactions of the Indian Institute of Metals, 2021, 74, 2887.	1.5	3
9	Grey relational analysis for optimization of wear parameters and surface roughness on nano composite coating. Journal of the Indian Chemical Society, 2021, 98, 100171.	2.8	3
10	Assessment of Impact Strength of Welds Produced by Cold Wire and Hot Wire Gas Tungsten Arc Welding (GTAW) Processes. Materials Today: Proceedings, 2020, 24, 983-994.	1.8	5
11	Study on Wear Mechanism and Contact Temperature against Dry Sliding Wear of Ni-Al <sub>2</sub> O <sub>3</sub> Nanocomposite Coating. Transactions of the Indian Ceramic Society, 2020, 79, 139-143.	1.0	1
12	Experimental analysis and prediction of strength of adhesive-bonded single-lap composite joints: Taguchi and artificial neural network approaches. SN Applied Sciences, 2020, 2, 1.	2.9	20
13	Influence of Pin Temperature on Dry Sliding Wear Behaviour of Ni-Al <sub>2</sub> O <sub>3</sub> Composite Coating on Al6061 Substrate. Journal of the Institution of Engineers (India): Series C, 2020, 101, 671-681.	1.2	4
14	Study on Ni composite coating on Al6061 substrate material with different nano particle reinforcement by electrodeposition process. Materials Today: Proceedings, 2020, 24, 1680-1685.	1.8	1
15	A comprehensive modelling, analysis and optimisation of adhesive bonded single lap glass fibre reinforced composite joints. International Journal of Materials Engineering Innovation, 2019, 10, 286.	0.5	3
16	Results of tensile, hardness and bend tests of modified 9Cr 1Mo steel welds: Comparison between cold wire and hot wire gas tungsten arc welding (GTAW) processes. International Journal of Pressure Vessels and Piping, 2019, 169, 125-141.	2.6	20
17	Modelling and optimisation of adhesive bonded joint strength of composites for aerospace applications. International Journal of Computational Materials Science and Surface Engineering, 2019, 8, 167.	0.2	1
18	Study on influence of Surface roughness of Ni-Al <sub>2</sub> O <sub>3</sub> nano composite coating and evaluation of wear characteristics. IOP Conference Series: Materials Science and Engineering, 2018, 310, 012112.	0.6	17

#	ARTICLE	IF	CITATIONS
19	Electrodeposition of Ni-nano composite coatings: a review. Inorganic and Nano-Metal Chemistry, 2018, 48, 583-598.	1.6	19
20	Sliding Wear Behaviour of Ni- $\text{Al}_2\text{O}_3$ Nano Composite Coating at Elevated Temperatures. Colloids and Interface Science Communications, 2018, 27, 18-25.	4.1	9
21	Multi-objective Optimization of Electrodeposition of Ni- $\text{Al}_2\text{O}_3$ Nano Composite Coating on Al6061 Substrate. Transactions of the Indian Institute of Metals, 2018, 71, 2119-2132.	1.5	17
22	Electrodeposition of Ni- $\text{Al}_2\text{O}_3$ nano composite coating and evaluation of wear characteristics. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012110.	0.6	12
23	Comparison of Microstructure and Properties of Modified 9Cr-1Mo Welds Produced by Narrow Gap Hot Wire and Cold Wire Gas Tungsten Arc Welding Processes. , 2014, 5, 1482-1491.		13
24	Influence of cylindricity and surface modification on load bearing ability of interference fitted assemblies. Precision Engineering, 2012, 36, 629-640.	3.4	10
25	A statistical analysis on effect of cryogenic treatment on load bearing ability of interference fitted assemblies. International Journal of Surface Science and Engineering, 2011, 5, 232.	0.4	0
26	Influence of cryogenic treatment on load bearing ability of interference fitted assemblies. Materials & Design, 2010, 31, 564-569.	5.1	7