

# Waris Nawaz Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

141  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of filler metal on solidification, microstructure and mechanical properties of dissimilar super duplex/pipeline steel GTA weld. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 803, 140476.	5.6	30
2	Physicochemical and thermo physical characterization of CaO-CaF <sub>2</sub> -SiO <sub>2</sub> and CaO-TiO <sub>2</sub> -SiO <sub>2</sub> based electrode coating for offshore welds. Ceramics International, 2020, 46, 8601-8614.	4.8	26
3	Investigations on reformed austenite in the microstructure of dissimilar super duplex/pipeline steel weld. Materials Letters, 2021, 285, 129109.	2.6	21
4	Investigations on effect of CaO-CaF <sub>2</sub> -TiO <sub>2</sub> -SiO <sub>2</sub> based electrode coating constituents and their interactions on weld chemistry. Ceramics International, 2021, 47, 12483-12493.	4.8	15
5	Effect of Intermetallic and Secondary Phases on Dry and Wet Sliding Wear Behavior of Super Duplex Stainless Steel. Tribology Transactions, 2020, 63, 403-414.	2.0	11
6	Weld Metal Chemistry of Mineral Waste Added SiO <sub>2</sub> -CaO-CaF <sub>2</sub> -TiO <sub>2</sub> Electrode Coatings for Offshore Welds. Journal of Pressure Vessel Technology, Transactions of the ASME, 2020, 142, .	0.6	11
7	Characterization of CaO-CaF <sub>2</sub> -TiO <sub>2</sub> -SiO <sub>2</sub> Based Welding Slags for Physicochemical and Thermophysical Properties. Silicon, 2021, 13, 1575-1589.	3.3	9
8	Experimental investigation on dissimilar weld between super duplex stainless steel 2507 and API X70 pipeline steel. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 1827-1840.	1.1	8
9	Element Transfer Investigations on Silica Based Submerged Arc Welding Fluxes. Silicon, 2023, 15, 305-319.	3.3	5
10	High-temperature wettability study of mineral waste added CaO-CaF <sub>2</sub> -SiO <sub>2</sub> and CaO-TiO <sub>2</sub> -SiO <sub>2</sub> -based electrode coating for offshore welds. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 622-636.	1.1	3
11	Mechanical, microstructure, and hot corrosion investigations on P22/P91 dissimilar tungsten inert gas weld. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 2128-2141.	1.1	2
12	Utilization of red ochre in developing welding electrodes for offshore welds. Materials Today: Proceedings, 2021, 41, 870-873.	1.8	0
13	Experimental investigations on red ochre for application in welding consumable development. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 1063-1070.	1.1	0