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## RESEARCH PUBLICATIONS/PROCEEDINGS

### 1. International Publications (With Impact Factor)

Sr. No.	Title of Paper	Name of the Journal	Impact Factor	Vol.	Page Nos.	Year
1.	Effect of Thal silica Sand Nanoparticles and Glass Fiber Reinforcements on Epoxy-Based Hybrid Composite	Iranian Polymer Journal	1.806	24	21 – 27	2015
2.	Corrosion Behavior of X-70 Pipe Steel in Crude Oil Environments Depending Upon Surface Characteristics	Arabian Journal for Science and Engineering	0.385	39	5393 – 5404	2014
3.	Investigating the Pitting Resistance of 316 Stainless Steel in Ringer's Solution using the Cyclic Polarization Technique	Defect and Diffusion Forum	0.483	344	1 – 7	2013
4.	Evaluation of Surface Preparation Techniques for Steel Substrates Prior to Coating Application	Defect and Diffusion Forum	0.483	344	55 – 70	2013

### 2. International Publications (Without Impact Factor)

Sr. No.	Title of Paper	Name of the Journal	Vol.	Page Nos.	Year
1.	Thermal, Electrochemical and Mechanical Properties of Shape Memory Alloy Developed by a Conventional Processing Route	Journal of Fundamental and Applied Sciences	9	847 – 860	2017
2.	Studying the Effect of Precipitation Hardening on 6061 Aluminum Alloy Weldments	Advanced Materials Research	1133	300-304	2016

### 3. National Publications (HEC Recognized Journals)

Sr. No.	Title of Paper	Name of the Journal	HEC Category	Vol.	Page Nos.	Year
1.	Effect of Tribological and Electrochemical properties of AlTiN Coating for Medical Application	Journal of the Pakistan Institute of Chemical Engineers	'Y'	49	----	2021
2.	Surface Modification of AZ31B Magnesium Alloy by Anodization process	Journal of the Pakistan Institute of Chemical Engineers	'Y'	49	----	2021
3.	Electrochemical Characterization of AlTiN Coating on Stainless Steel Substrate for Biomedical Implant	Journal of the Pakistan Institute of Chemical Engineers	'Y'	48	9-16	2020
4.	Synthesis and Characterization of Nano Hydroxyapatite from Waste Egg Shells for Orthopedic and Dental Applications	Journal of the Pakistan Institute of Chemical Engineers	'Y'	48	31-38	2020
5.	A Comparative Study of Different Electrolytes on Anodizing of 2024 Aluminum Alloy and Electrochemical Behavior of Anodized Film	Journal of the Pakistan Institute of Chemical Engineers	'Y'	44	29-40	2016
6.	The Production and Characterization of Ultrafine-Grained Metal Sheets Produced by Accumulative Roll Bonding Process	Journal of the Pakistan Institute of Chemical Engineers	'Y'	43	1-8	2015
7.	Investigation on Various Formulations of Rust Converter by Using Spectroscopic, Microscopic and Electrochemical Characterization Techniques	Journal of the Pakistan Institute of Chemical Engineers	'Y'	43	93-97	2015

#### 4. National Publications (Reputed Journals of Pakistan)

Sr. No.	Title of Paper	Name of the Journal	Vol.	Page Nos.	Year
1.	To Study the Corrosion Tendency of API X-70 in Base Oil Environments	Engineering News, Journal of Pakistan Engineering Congress	44	88 – 95	2012
2.	Characterization of Grade 316 Stainless Steel as a Biomaterial by Electrochemical Analysis	Engineering News, Journal of Pakistan Engineering Congress	43	45 – 50	2009
3.	Characterization of Locally Produced Martensitic Stainless Steel Surgical Grade AISI 420A	Engineering News, Journal of Pakistan Engineering Congress	43	48 – 51	2009

#### 5. International / National Proceedings

Sr. No.	Title of Paper	Name of Proceeding and Organizer	Year
1.	Effect of Surface Profile on Electrochemical behavior of API X-70 in Simulated Crude Oil Environment	Proceedings of 1 <sup>st</sup> National Science Conference, PMAS- Arid Agriculture University, Rawalpindi	2012
2.	Electrochemical Comparison of API X-70 Steel Surfaces in Base Oil	Proceedings of International Conference on Engineering Sciences (ICES 2012), FE&T, University of the Punjab, Lahore	2012
3.	Investigating the Effect of Welding on Electrochemical Behavior of SA516 (Grade 70)	Proceedings of International Conference on Engineering Sciences (ICES 2012), FE&T, University of the Punjab, Lahore	2012